

# SMOS

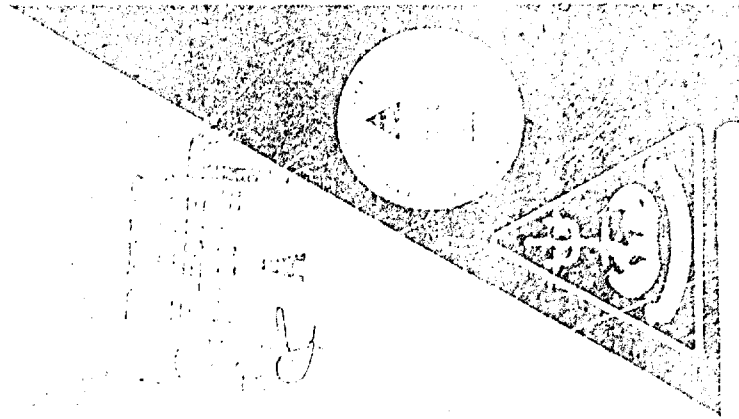
## SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

AD-A208 133

|                                                                  |      |           |      |            |
|------------------------------------------------------------------|------|-----------|------|------------|
| JOB NO.                                                          | TASK | ENCARDERS | DATE | April 1989 |
| STATION: #43323 Yokosuka, Japan<br>LAT. 35:17 N. LONG. 139:40 E. |      |           |      |            |
| PERIOD: HOURLY: 1953-1987<br>DAILY: 1953-1987                    |      |           |      |            |
| ELEVATION: 20 Feet                                               |      |           |      |            |

PREPARED BY  
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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

| REPORT DOCUMENTATION PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                |                       | READ INSTRUCTIONS<br>BEFORE COMPLETING FORM                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------|
| 1. REPORT NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2. GOVT ACCESSION NO. | 3. RECIPIENT'S CATALOG NUMBER                                    |
| 4. TITLE (and Subtitle)<br>Summary of Meteorological Observations, Surface (SMOS) for Yokosuka, Japan                                                                                                                                                                                                                                                                                                                                                    |                       | 5. TYPE OF REPORT & PERIOD COVERED<br>Reference Report 1953-1987 |
| 7. AUTHOR(s)<br>NA                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       | 6. PERFORMING ORG. REPORT NUMBER                                 |
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| 14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)                                                                                                                                                                                                                                                                                                                                                                              |                       | 12. REPORT DATE<br>April 1989                                    |
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| 17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                  |
| 18. SUPPLEMENTARY NOTES                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                                                                  |
| 19. KEY WORDS (Continue on reverse side if necessary and identify by block number)<br>Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, coastal region, snow depth, and cloud cover.                                                                                                |                       |                                                                  |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number)<br>This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure |                       |                                                                  |

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S/N 3102-10-214-5601

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

3146.KA

04 MAY 1989

From: Officer in Charge, Naval Oceanography Command Detachment Asheville

Subj: SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS)

1. Discussion. This edition of the SMOS was produced utilizing a revised software package. The product has been expanded to include station climatic summary tables and is considered a stand alone publication. This update includes the period of record (POR) through 1986 for all hourly and daily data. Our revised production methodology incorporates two computerized editing phases after the initial processing stage and a manual review and intervention of suspect data prior to the print phase. Every effort has been made to produce at least a 99.9 percent data perfect product based on the stations observation data. We have switched to a direct computer printout on standard computer paper instead of the previous print format. This results in a 85 percent print cost savings over our old specialized print format.

2. Weather Conditions. This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in two tables as follows:

Table 13 By month, all years combined, by standard 3-hour groups and all hours combined.

Table 14 By month and annual, all hours and years combined, by wind direction.

Occurrences of the various phenomena included in each category on the forms are listed below:

- a. Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.
- b. Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.
- c. Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.
- d. Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.
- e. Hail - Occurrences of hail and small hail are included.
- f. Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.
- g. Fog - Included are fog, ice fog, and ground fog.
- h. Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.
- i. Blowing snow - Occurrences of blowing snow also drifting snow when reported from non-WBAN sources.
- j. Dust and/or sand - Included are blowing dust, blowing sand, and dust.
- k. Blowing spray - This item if reported, is not shown in a separate category on this table but is included in the computation Percentage of Observations with Obstructions to Vision.

A-1

1. Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

3. Atmospheric Phenomena Table 36: This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

a. The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

b. This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WRAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

4. Precipitation, Snowfall, and Snow Depth. These elements are presented using the daily amounts and extreme value.

a. Tables 8, 9, and 10 provide for each element separately the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least).

b. Table 21 for each element presents the extreme daily amounts by individual month and day for the entire period of record available.

c. Tables 23, 24, and 25 provide for each element separately individual year and month extreme daily amounts and the means and standard deviations for each month and annual for all months combined.

NOTE 1. Snow depth was recorded and punched at various hours during the period available from U.S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

U.S. Navy and Weather Bureau Stations:

From beginning of record thru Jun 52 - Snow depth at 0030 UTC  
Jul 52 - May 57                      Snow depth at 1230 UTC  
Jun 57 - present                      Snow depth at 1200 UTC

NOTE 2: Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.



## 5. Surface Winds.

a. Extreme Values - Peak Gusts Table 27: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with <90% observations reported is also provided.

b. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction. A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

Table 1 contains three presentations prepared for all surface winds included, and for all years combined as follows:

- (a) By month - by standard 3-hour groups
- (b) By month - all hours combined
- (c) Annual - all hours combined

6. Ceiling Versus Visibility Table 2. This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

- (a) By Month - by standard 3-hour groups
- (b) By Month - all years and all hours combined
- (c) Annual - all years and all hours combined

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minimal may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on on the following pages.

Beginning in July 1948 for U. S. Air Force stations and January 1949 for National Weather Service (NWS) and U.S. Navy stations the 'no ceiling' category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

# EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING<br>(FEET) | VISIBILITY (STATUTE MILES) |     |     |     |      |         |      |         |         |      |       |
|-------------------|----------------------------|-----|-----|-----|------|---------|------|---------|---------|------|-------|
|                   | ≥ 10                       | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3  | ≥ 2 1/2 | ≥ 2  | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1  | ≥ 3/4 |
| NO CEILING        |                            |     |     |     |      |         |      |         |         |      | ≥ 0   |
| ≥ 1800            |                            |     |     |     |      |         |      |         |         |      |       |
| ≥ 1500            |                            |     |     |     | 91.0 |         |      |         |         |      | 92.6  |
| ≥ 1200            |                            |     |     |     |      |         |      |         |         |      |       |
| ≥ 1000            |                            |     |     |     |      |         |      |         |         |      |       |
| ≥ 900             |                            |     |     |     |      |         |      |         |         |      |       |
| ≥ 800             |                            |     |     |     |      |         |      |         |         |      |       |
| ≥ 700             |                            |     |     |     |      |         |      |         |         |      |       |
| ≥ 600             |                            |     |     |     |      |         |      |         |         |      |       |
| ≥ 500             |                            |     |     |     |      |         |      |         |         |      |       |
| ≥ 400             |                            |     |     |     |      |         |      | 97.4    |         |      | 98.1  |
| ≥ 300             |                            |     |     |     |      |         |      |         |         |      |       |
| ≥ 200             |                            |     |     |     |      |         |      |         |         |      |       |
| ≥ 100             |                            |     |     |     |      |         |      |         |         |      |       |
| ≥ 0               |                            |     |     |     | 95.4 |         | 96.9 |         |         | 98.3 | 100.0 |

EXAMPLE # 1: Read ceiling values independently of visibility under column at right headed > 0. For instance, from the table:

Ceiling ≥ 1500 feet = 92.6%.  
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2: Read visibilities independently of ceilings on bottom line opposite > 0. From the tables:

Visibility ≥ 3 miles = 95.4%.  
Visibility ≥ 2 miles = 96.9%.  
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3: To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

EXAMPLE # 4: Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5: To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: ceiling  $\geq 500$  feet with visibility  $\geq 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  miles.

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

7. Sky Cover Table 11. This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover (see Note 3) and total number of observations. It is presented as follows:

By month and annual - by standard 3-hour groups, and all hours combined.

NOTE: #1: Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. NWS stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: #2: Some data sources used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| <u>OKTAS</u>    | <u>TENTHS</u> |
|-----------------|---------------|
| 0               | 0             |
| 1               | 1             |
| 2               | 2             |
| 3               | 3             |
| 4               | 4             |
| 5               | 5             |
| 6               | 6             |
| 7               | 8             |
| 8               | 9             |
| 8 (or obscured) | 10            |

NOTE: #3: Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions:

0/10 equates to clear  
 1/10 to 5/10 equates to scattered  
 6/10 to 9/10 equates to broken  
 10/10 equates to overcast

8. Psychrometric Summaries.

a. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

Table 5 Daily maximum temperature  
Table 6 Daily minimum temperature  
Table 7 Daily mean temperature

b. Daily Average/Extreme Temperatures Table 29 derived observations and presented for each month and day for entire period of record available are average temperature, average and extreme maximum temperature, average and extreme minimum.

c. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard of daily extreme temperatures are prepared:

Table 30 Extreme maximum temperature

Table 31 Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

d. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature Table 3. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

(1) The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression is 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total number of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

(2) Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew point temperatures are shown in the section at the bottom left of each page. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_X$ ). The number of observations used in the computations for each element is also shown.

(3) At the lower right of each page Table 40 gives the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

d. Means and standard deviations. These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

Table 15 Dry-bulb temperature

Table 16 Wet-bulb temperature

Table 17 Dew-point temperature

e. Cumulative percentage frequency of occurrence of relative humidity Table 12. This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

By Month and Annual - by standard 3-hour groups, and all hours combined with the hour groups being the vertical argument. All years are combined for this summary.

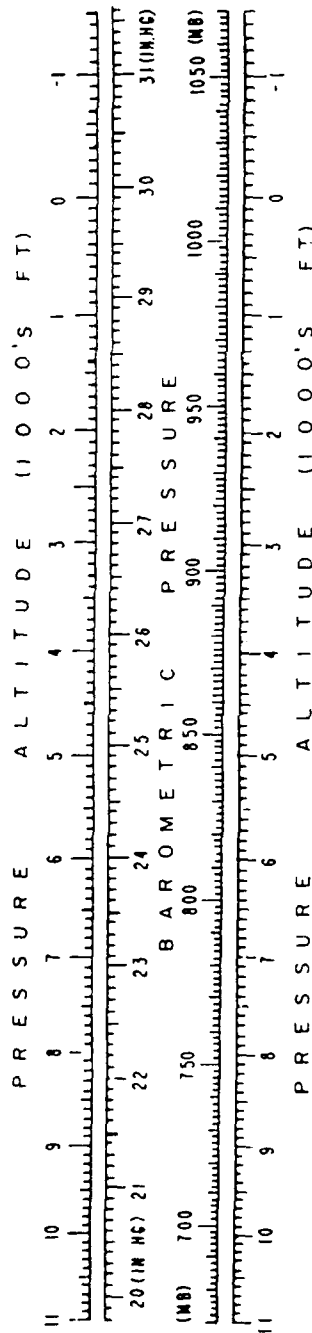
f. Percentage frequency of occurrence of dry-bulb temperature versus wind direction Table 4. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in five degree increments and horizontally by eight wind directions (plus calm).

9. Pressure Summary. Two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times UTC. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables.

Table 18 Station pressure in inches of mercury

Table 19 Sea-level pressure in millibars

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure latitude in 1000's of feet. This scale is an enlarged model of the pressure latitude scale in the Smithsonian Meteorological Tables.



*M. L. Dickenson*  
M. L. DICKENSON

# TABULATION INDEXES BY NUMBER

TAB # DESCRIPTION

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- 2 CEILING VERSUS VISIBILITY -- BY HOUR
- 3 PSYCHROMETRIC SUMMARY -- DEPRESSIONS, DRY BULB, WET BULB, DEW POINT
- 28 MEANS AND STANDARD DEVIATIONS OF RELATIVE HUMIDITY
- 40 MEAN NO. OF DAYS WITH TEMPERATURE >= OR <= THRESHOLD VALUES
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- 12 REL HUM -- HOUR VS REL HUM AMTS VS MONTH
- 13 WEATHER CONDITIONS -- HOUR VS WX CONDS VS MONTH
- 14 PERCENT FREQUENCY OF WIND DIRECTION VS WEATHER CONDITIONS -- BY MONTH
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- 18 MEANS AND STANDARD DEVIATIONS (SEA LEVEL PRESSURE) -- BY MONTH
- 19 MEANS AND STANDARD DEVIATIONS (STATION PRESSURE) -- BY MONTH
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043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 42E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 0000 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |     |       | TOTAL<br># | MEAN<br>WIND<br>SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------------|-----------------------|
|                | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |       |            |                       |
| N              | 2.0           | 6.1  | 8.7  | 8.9   | 3.3   | 1.0   | .1    | .0    | .0    | .0    | .0  | 30.0  | 10.4       |                       |
| NNE            | 1.1           | 2.0  | 5.3  | 4.0   | 1.5   | .1    | .0    | .0    | .0    | .0    | .0  | 13.9  | 10.3       |                       |
| NNE            | .5            | .8   | 1.6  | 1.7   | .9    | .0    | .0    | .0    | .0    | .0    | .0  | 5.6   | 10.4       |                       |
| NNE            | .5            | .3   | .4   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.4   | 6.2        |                       |
| E              | .7            | .8   | .4   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.1   | 5.2        |                       |
| ESE            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0         |                       |
| SE             | .0            | .0   | .1   | .0    | .0    | .1    | .0    | .0    | .0    | .0    | .0  | .2    | 14.5       |                       |
| SSE            | .2            | .2   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .4    | 3.8        |                       |
| S              | .1            | .6   | .4   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 1.2   | 7.2        |                       |
| SSW            | .1            | .2   | .4   | .3    | .3    | .1    | .1    | .0    | .0    | .0    | .0  | 1.5   | 12.8       |                       |
| SW             | .0            | .4   | .3   | .8    | .1    | .1    | .1    | .0    | .0    | .0    | .0  | 1.8   | 12.0       |                       |
| WSW            | .3            | .8   | .5   | 1.6   | 1.1   | .3    | .2    | .0    | .0    | .0    | .0  | 5.1   | 13.1       |                       |
| W              | .5            | 1.2  | 1.3  | 1.6   | .7    | .4    | .0    | .0    | .0    | .0    | .0  | 5.6   | 10.9       |                       |
| WNW            | .8            | 1.7  | .7   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 3.3   | 5.7        |                       |
| NW             | 1.6           | 3.7  | 2.3  | .6    | .1    | .1    | .0    | .0    | .0    | .0    | .0  | 8.3   | 6.4        |                       |
| NNW            | 1.8           | 6.6  | 5.7  | 2.2   | .7    | .0    | .0    | .0    | .0    | .0    | .0  | 16.8  | 7.5        |                       |
| VAR            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0         |                       |
| CLM            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.9   | .0         |                       |
| ALL            | 10.0          | 25.1 | 25.5 | 22.0  | 5.8   | 2.2   | .5    | .0    | .0    | .0    | .0  | 100.0 | 9.1        |                       |

TOTAL NO. OF OBS : 1022

NOTES : # = PERCENT < .05

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1952-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 0300 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |       |      |  |  | TOTAL<br>Σ | MEAN<br>WIND<br>SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|--|--|------------|-----------------------|
|                | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |      |  |  |            |                       |
| N              | 3.0           | 6.4  | 10.2 | 6.8   | 4.2   | .8    | .0    | .1    | .0    | .0    | .0   | 33.5  | 10.5 |  |  |            |                       |
| NNE            | 1.0           | 2.4  | 5.6  | 5.4   | 1.0   | .2    | .0    | .0    | .0    | .0    | .0   | 15.6  | 9.9  |  |  |            |                       |
| NE             | .5            | 1.2  | 1.3  | 1.6   | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 4.8   | 9.5  |  |  |            |                       |
| NNE            | .8            | .7   | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.8   | 4.4  |  |  |            |                       |
| E              | .3            | .3   | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .9    | 5.2  |  |  |            |                       |
| ESE            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   |  |  |            |                       |
| SE             | .1            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .1    | 1.0  |  |  |            |                       |
| SSE            | .3            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    | 2.3  |  |  |            |                       |
| S              | .7            | .2   | .0   | .1    | .0    | .2    | .0    | .0    | .0    | .0    | .0   | 1.2   | 6.8  |  |  |            |                       |
| SSW            | .3            | .1   | .7   | .1    | .1    | .1    | .0    | .1    | .0    | .0    | .0   | 1.5   | 11.0 |  |  |            |                       |
| SW             | .1            | .1   | .3   | .2    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | .8    | 10.9 |  |  |            |                       |
| WSW            | .1            | .2   | .7   | 2.1   | 1.4   | .0    | .0    | .0    | .0    | .0    | .0   | 4.4   | 13.9 |  |  |            |                       |
| W              | .6            | 1.3  | .9   | 1.3   | .6    | .4    | .0    | .0    | .0    | .0    | .0   | 5.0   | 10.5 |  |  |            |                       |
| WNW            | .5            | 1.1  | .5   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 2.4   | 6.9  |  |  |            |                       |
| NW             | 1.6           | 4.3  | 1.1  | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 7.3   | 5.3  |  |  |            |                       |
| NNW            | 2.6           | 5.8  | 5.6  | 2.0   | .4    | .4    | .0    | .0    | .0    | .0    | .0   | 16.7  | 7.4  |  |  |            |                       |
| VAR            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   |  |  |            |                       |
| CLM            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.8   | .0   |  |  |            |                       |
| LLL            | 12.4          | 24.0 | 27.3 | 22.1  | 9.0   | 2.2   | .0    | .2    | .0    | .0    | .0   | 100.0 | 8.9  |  |  |            |                       |

TOTAL NO. OF OBS : 1022

NOTES : PERCENT < .05



# 1 - SURFACE WINDS

3323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 0600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

|       |      | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      | TOTAL |                    | MEAN |
|-------|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|--------------------|------|
|       |      | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | z     | SPEED              |      |
| 16 P. | DIR. |               |      |      |       |       |       |       |       |       |       |      |       |                    |      |
| N     |      | 3.0           | 6.7  | 11.1 | 6.7   | 2.4   | .7    | .1    | .0    | .0    | .0    | .0   | 32.6  | 9.7                |      |
| NNE   |      | 1.3           | 3.0  | 5.2  | 4.5   | 1.2   | .9    | .1    | .0    | .0    | .0    | .0   | 16.2  | 10.5               |      |
| NE    |      | .1            | 1.3  | 2.1  | 1.6   | .3    | .3    | .0    | .0    | .0    | .0    | .0   | 5.6   | 10.3               |      |
| NNE   |      | .9            | .3   | .4   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   | 6.1                |      |
| E     |      | .7            | 1.2  | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.1   | 4.4                |      |
| ESE   |      | .2            | .2   | .0   | .0    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | .5    | 6.6                |      |
| SE    |      | .1            | .2   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    | 3.7                |      |
| SSE   |      | .1            | .1   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .2    | 4.5                |      |
| S     |      | .1            | .1   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    | 5.3                |      |
| SSW   |      | .2            | .4   | .3   | .6    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 1.7   | 10.1               |      |
| SW    |      | .1            | .5   | .5   | .7    | .1    | .2    | .0    | .0    | .0    | .0    | .0   | 2.1   | 11.3               |      |
| WSW   |      | .1            | .4   | .9   | 1.3   | .5    | .2    | .1    | .0    | .0    | .0    | .0   | 3.4   | 12.9               |      |
| W     |      | .2            | .7   | 1.2  | 1.2   | .5    | .3    | .0    | .0    | .0    | .0    | .0   | 4.0   | 11.5               |      |
| WNW   |      | .6            | 1.6  | .5   | .2    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 3.0   | 6.7                |      |
| NW    |      | 1.2           | 4.1  | 1.5  | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 7.0   | 5.4                |      |
| NNW   |      | 1.8           | 6.7  | 3.6  | 2.4   | .6    | .0    | .0    | .1    | .0    | .0    | .0   | 15.2  | 7.5                |      |
| VAR   |      | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0                 |      |
| CLM   |      | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.0   | .0                 |      |
| ALL   |      | 10.6          | 27.3 | 27.4 | 21.6  | 6.0   | 2.6   | .3    | .1    | .0    | .0    | .0   | 100.0 | 8.8                |      |
|       |      |               |      |      |       |       |       |       |       |       |       |      |       | TOTAL NO. OF OBS : | 1021 |

TOTAL NO. OF OBS : 1021

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

J43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | 1    | 2    | 3    | 4    | 5   | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL |  | MEAN          |
|----------------|------|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|-------|--|---------------|
|                |      |      |      |      |     |     |      |       |       |       |       |       |       |       |      | %     |  | WIND<br>SPEED |
| N              | 4.1  | 6.6  | 10.1 | 8.9  | 2.4 | .5  | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 32.8  |  | 9.4           |
| NNE            | 1.7  | 4.1  | 4.9  | 4.0  | 1.4 | .2  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 16.4  |  | 9.5           |
| NE             | 1.9  | 2.4  | 2.1  | 3.1  | .5  | .3  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 10.3  |  | 8.9           |
| NNE            | .4   | 1.0  | .4   | .2   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   |  | 5.9           |
| E              | 1.8  | 1.4  | .4   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.5   |  | 4.0           |
| ESE            | .3   | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    |  | 2.3           |
| SE             | .2   | .1   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    |  | 2.7           |
| SSE            | .5   | .5   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0   |  | 3.2           |
| S              | .3   | .3   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7    |  | 5.9           |
| SSW            | .3   | .0   | .1   | .4   | .1  | .2  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1   |  | 11.8          |
| SW             | .2   | .1   | .4   | .8   | .2  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.7   |  | 10.9          |
| WSW            | .4   | .5   | 1.2  | 1.3  | .8  | .5  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.6   |  | 12.6          |
| W              | .4   | .3   | .9   | 1.5  | .9  | .3  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.2   |  | 12.7          |
| WNW            | .1   | .4   | .0   | .5   | .1  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1   |  | 9.7           |
| NW             | 1.2  | .4   | .4   | .5   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.4   |  | 6.1           |
| NNW            | 2.2  | 3.8  | 3.1  | 2.2  | .1  | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 11.4  |  | 7.4           |
| VAR            | .0   | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    |  | .0            |
| CLM            | .0   | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.3   |  | .0            |
| ALL            | 15.8 | 21.8 | 23.9 | 23.3 | 6.6 | 2.1 | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 100.0 |  | 8.4           |

TOTAL NO. OF OBS : 1022

NOTES : \* = PERCENT < .05

# I - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
|             | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |         |                 |
| N           | 1.3           | 3.4  | 4.5  | 4.7   | 1.5   | 1.0   | .0    | .0    | .0    | .0    | .0   | 16.4    | 10.6            |
| NNE         | 2.4           | 6.4  | 5.9  | 4.1   | .7    | .1    | .1    | .0    | .0    | .0    | .0   | 19.6    | 8.2             |
| NE          | 1.5           | 6.3  | 3.7  | 2.7   | .6    | .1    | .0    | .0    | .0    | .0    | .0   | 14.9    | 7.9             |
| NNE         | 2.0           | 4.4  | 2.4  | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 9.2     | 5.6             |
| E           | 3.8           | 3.5  | 1.3  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8.6     | 4.2             |
| ESE         | 1.8           | 1.3  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.0     | 3.5             |
| SE          | .4            | .1   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .5      | 2.6             |
| SSE         | .4            | .2   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7      | 4.1             |
| S           | .3            | .5   | .9   | .2    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0     | 7.6             |
| SSW         | .3            | .8   | .6   | .8    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 2.5     | 8.7             |
| SW          | .2            | .1   | .7   | 1.4   | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 2.6     | 11.9            |
| WSW         | .2            | 1.0  | 1.8  | 2.0   | 1.5   | .5    | .1    | .0    | .0    | .0    | .0   | 7.0     | 12.9            |
| W           | .0            | .5   | 1.1  | 1.5   | 1.0   | .3    | .0    | .0    | .0    | .0    | .0   | 4.3     | 13.4            |
| WNW         | .0            | .5   | .4   | .4    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | 1.4     | 10.3            |
| NW          | .1            | .5   | .0   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .9      | 7.4             |
| NNW         | .0            | .0   | .9   | 1.4   | .7    | .0    | .1    | .0    | .0    | .0    | .0   | 3.0     | 13.6            |
| VAR         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0      | .0              |
| CLM         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.4     | .0              |
| ALL         | 14.5          | 29.4 | 24.1 | 19.8  | 6.5   | 2.1   | .3    | .0    | .0    | .0    | .0   | 100.0   | 8.3             |

TOTAL NO. OF OBS : 1021

NOTES : # = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |     |      |     |      |       |       |       |       |       |       |       |     |    |    |       | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-----|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|----|----|-------|---------|-----------------|
|             | 1             | - 3 | 4    | - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |    |    |       |         |                 |
| N           | 1.0           |     | .9   |     | 2.6  | 4.1   | 2.0   | .7    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | 11.3  | 12.4    |                 |
| NNE         | 2.0           |     | 3.4  |     | 3.7  | 2.4   | 1.0   | .2    | .1    | .0    | .0    | .0    | .0  | .0 | .0 | 12.8  | 8.8     |                 |
| NE          | 1.5           |     | 3.6  |     | 5.1  | 1.6   | .2    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | 11.9  | 7.3     |                 |
| ENE         | 2.7           |     | 3.4  |     | 3.8  | .4    | .2    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | 10.6  | 5.9     |                 |
| E           | 4.2           |     | 4.3  |     | 2.3  | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | 11.2  | 4.7     |                 |
| ESE         | 1.3           |     | 2.1  |     | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | 3.5   | 4.1     |                 |
| SE          | .6            |     | .1   |     | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | 1.1   | 4.4     |                 |
| SSE         | .6            |     | .4   |     | .7   | .1    | .0    | .1    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | 4.2   | 5.3     |                 |
| S           | .8            |     | 1.5  |     | 1.4  | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | 4.9   | 7.0     |                 |
| SSW         | .4            |     | 1.5  |     | 1.8  | 1.1   | .1    | .1    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | 6.3   | 8.6     |                 |
| SW          | .1            |     | 1.2  |     | 2.0  | 2.3   | .5    | .3    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | 7.7   | 11.3    |                 |
| WSW         | .5            |     | .7   |     | 1.3  | 3.4   | 1.3   | .6    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | 4.2   | 13.1    |                 |
| W           | .2            |     | .5   |     | .7   | 1.5   | 1.0   | .3    | .1    | .0    | .0    | .0    | .0  | .0 | .0 | .8    | 13.5    |                 |
| WNW         | .0            |     | .2   |     | .2   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .9    | 10.3    |                 |
| NW          | .3            |     | .1   |     | .3   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .9    | 7.2     |                 |
| NNW         | .1            |     | .7   |     | .4   | .7    | .8    | .4    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | 3.0   | 13.2    |                 |
| VAR         | .0            |     | .0   |     | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0    | .0      |                 |
| CLM         | .0            |     | .0   |     | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | 3.8   | .0      |                 |
| LLL         | 16.2          |     | 24.5 |     | 26.7 | 18.8  | 7.1   | 2.6   | .2    | .0    | .0    | .0    | .0  | .0 | .0 | 100.0 | 8.4     |                 |

TOTAL NO. OF OBS : 1021

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 1900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1    | 2    | 3    | 4    | 5   | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL | MEAN          |
|--------|------|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|---------------|
| DIR.   | 1    | 2    | 3    | 4    | 5   | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | %     | WIND<br>SPEED |
| N      | 1.0  | 2.4  | 3.9  | 7.7  | 3.4 | .9  | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 19.5  | 12.4          |
| NNE    | .9   | 2.4  | 3.1  | 4.4  | .8  | .3  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 11.9  | 10.3          |
| NE     | .6   | 2.3  | 2.9  | 2.0  | .3  | .2  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 8.3   | 8.9           |
| ENE    | .5   | 2.5  | 2.2  | .4   | .1  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 5.8   | 6.7           |
| E      | 1.0  | 2.8  | 2.4  | .5   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 6.7   | 6.4           |
| ESE    | .8   | .6   | .5   | .1   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.0   | 4.8           |
| SE     | .3   | .8   | .1   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.2   | 4.1           |
| SSE    | .9   | 1.6  | .1   | .1   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.6   | 4.3           |
| S      | 1.9  | 1.7  | 1.1  | 1.4  | .2  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 4.7   | 5.0           |
| SSW    | 1.0  | 1.5  | 1.2  | 1.1  | .5  | .2  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 5.2   | 7.9           |
| SW     | .7   | .9   | 1.2  | 1.1  | .6  | .4  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 4.6   | 10.2          |
| WSW    | .2   | .6   | 1.1  | 2.2  | 1.6 | .4  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 6.1   | 13.8          |
| W      | .4   | .4   | 1.0  | 1.6  | 1.1 | .5  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 5.1   | 13.9          |
| WNW    | .5   | .6   | .4   | .4   | .3  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.2   | 8.4           |
| NW     | .7   | .7   | .5   | .2   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.1   | 5.5           |
| NNW    | .5   | 1.1  | 1.4  | 1.7  | 1.1 | .3  | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 6.2   | 11.9          |
| VAP    | .0   | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0            |
| CLM    | .0   | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0            |
| ALL    | 11.6 | 22.9 | 23.1 | 23.7 | 9.4 | 2.7 | .4   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 100.0 | 9.1           |

TOTAL NO. OF OBS : 1023

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 2100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |    |    |    |    |    | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|----|----|---------|-----------------|
|             | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |    |    |    |    |    |         |                 |
| N           | 1.3           | 4.1   | 6.6  | 10.1  | 3.7   | .8    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 26.8    | 11.4            |
| NNE         | .7            | 1.9   | 4.5  | 4.6   | 1.1   | .5    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 13.2    | 10.9            |
| NE          | .2            | 1.0   | 1.8  | 2.3   | .5    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 5.8     | 10.3            |
| NNE         | .3            | 1.4   | 1.9  | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 3.9     | 7.1             |
| E           | .6            | 2.4   | .9   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 4.1     | 5.9             |
| ESE         | .4            | .7    | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.5     | 5.3             |
| SE          | .0            | .7    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .8      | 4.8             |
| SSE         | .4            | .7    | .1   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.3     | 5.2             |
| S           | .4            | .5    | .3   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.5     | 7.1             |
| SSW         | .3            | 1.1   | .8   | .1    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 2.4     | 7.0             |
| SW          | .1            | .7    | .8   | .7    | .0    | .1    | .1    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 2.4     | 10.3            |
| WSW         | .3            | .9    | .7   | 1.8   | 1.7   | .6    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 5.9     | 14.0            |
| W           | .7            | 1.3   | 1.9  | 1.4   | 1.1   | .3    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 6.5     | 10.9            |
| WNW         | .6            | .8    | .6   | .3    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 2.4     | 7.4             |
| NW          | .7            | 2.4   | 1.9  | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 5.4     | 6.5             |
| NNW         | .9            | 3.6   | 3.3  | 2.5   | .8    | .4    | .1    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 11.6    | 9.6             |
| VAR         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .0      | .0              |
| CLM         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 4.5     | .0              |
| ALL         | 7.7           | 24.0  | 26.6 | 24.9  | 9.3   | 2.7   | .2    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 100.0   | 9.5             |

TOTAL NO. OF OBS : 1023

NOTES : PERCENT < .05  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |    |    |    |    | TOTAL<br>Σ | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|----|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |    |    |    |    |            |                       |
| N              | 2.1           | 4.6   | 7.2  | 7.7   | 2.9   | .8    | .0*   | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 25.3       | 10.6                  |
| NNE            | 1.4           | 3.2   | 4.8  | 4.2   | 1.1   | .3    | .1    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 14.9       | 9.7                   |
| NE             | .8            | 2.4   | 2.6  | 2.1   | .4    | .1    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 8.4        | 8.8                   |
| ENE            | 1.0           | 1.7   | 1.5  | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 4.6        | 6.1                   |
| E              | 1.6           | 2.1   | 1.0  | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 4.9        | 5.0                   |
| ESE            | .6            | .6    | .1   | .0*   | .0    | .0*   | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 1.3        | 4.3                   |
| SE             | .2            | .2    | .1   | .0    | .0    | .0*   | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .6         | 4.4                   |
| SSE            | .4            | .5    | .1   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 1.0        | 4.4                   |
| S              | .6            | .7    | .5   | .1    | .1    | .0*   | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 2.0        | 6.4                   |
| SSW            | .4            | .7    | .7   | .6    | .2    | .1    | .0*   | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 2.6        | 9.0                   |
| SW             | .2            | .5    | .8   | 1.0   | .2    | .1    | .0*   | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 2.8        | 11.0                  |
| WSW            | .3            | .6    | 1.1  | 1.9   | 1.2   | .4    | .0*   | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 5.5        | 13.3                  |
| W              | .4            | .8    | 1.1  | 1.4   | .8    | .3    | .0*   | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 4.9        | 12.0                  |
| WNW            | .4            | .8    | .4   | .3    | .1    | .0*   | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 2.1        | 7.5                   |
| NW             | .9            | 2.0   | 1.0  | .3    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 4.3        | 5.9                   |
| NNW            | 1.2           | 3.5   | 3.0  | 1.9   | .6    | .2    | .0*   | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 10.5       | 8.5                   |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0         | .0                    |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 4.4        | .0                    |
| ALL            | 12.3          | 24.9  | 25.9 | 22.0  | 7.7   | 2.4   | .3    | .1    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 100.0      | 8.8                   |

TOTAL NO. OF OBS : 8175

NOTES : \* = PERCENT < .05

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 0000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1/4 |
| UNLIMIT | 28.0                       | 50.4 | 53.1 | 56.1 | 59.4 | 59.7 | 60.9 | 61.3 | 61.3 | 61.8  |
| >=20000 | 28.1                       | 51.7 | 54.6 | 57.6 | 60.8 | 61.2 | 62.4 | 62.8 | 62.8 | 63.3  |
| >=18000 | 28.1                       | 51.7 | 54.6 | 57.6 | 60.8 | 61.2 | 62.4 | 62.8 | 62.8 | 63.3  |
| >=16000 | 28.2                       | 51.8 | 54.7 | 57.7 | 60.9 | 61.3 | 62.5 | 62.9 | 62.9 | 63.4  |
| >=14000 | 28.4                       | 52.0 | 54.9 | 57.9 | 61.1 | 61.5 | 62.7 | 63.1 | 63.1 | 63.6  |
| >=12000 | 28.7                       | 52.7 | 55.6 | 58.6 | 61.9 | 62.3 | 63.6 | 64.0 | 64.0 | 64.5  |
| >=10000 | 29.6                       | 54.8 | 57.8 | 61.0 | 64.6 | 65.0 | 66.3 | 66.7 | 66.7 | 67.2  |
| >=9000  | 29.8                       | 55.3 | 58.4 | 61.6 | 65.4 | 65.7 | 67.1 | 67.5 | 67.5 | 68.1  |
| >=8000  | 30.8                       | 56.6 | 59.7 | 63.2 | 67.0 | 67.5 | 69.0 | 69.4 | 69.4 | 70.2  |
| >=7000  | 31.6                       | 57.6 | 60.7 | 64.4 | 68.2 | 68.7 | 70.2 | 70.6 | 70.6 | 71.4  |
| >=6000  | 32.3                       | 58.3 | 61.4 | 65.1 | 68.9 | 69.4 | 70.9 | 71.3 | 71.3 | 72.1  |
| >=5000  | 33.7                       | 60.7 | 64.1 | 68.1 | 72.1 | 72.6 | 74.3 | 74.7 | 74.7 | 75.7  |
| >=4500  | 34.6                       | 61.8 | 65.2 | 69.2 | 73.2 | 73.7 | 75.4 | 75.8 | 75.8 | 76.8  |
| >=4000  | 37.1                       | 67.6 | 71.2 | 76.1 | 80.6 | 81.1 | 83.0 | 83.6 | 83.6 | 84.5  |
| >=3500  | 38.0                       | 69.7 | 73.2 | 78.3 | 82.9 | 83.4 | 85.2 | 85.8 | 85.8 | 86.9  |
| >=3000  | 39.0                       | 73.6 | 77.4 | 82.6 | 87.4 | 88.0 | 90.2 | 90.9 | 90.9 | 92.0  |
| >=2500  | 39.4                       | 74.3 | 78.1 | 83.8 | 88.8 | 89.5 | 91.7 | 92.5 | 92.5 | 93.6  |
| >=2000  | 39.6                       | 75.2 | 79.2 | 85.1 | 90.4 | 91.0 | 93.3 | 94.1 | 94.1 | 95.3  |
| >=1800  | 39.6                       | 75.2 | 79.2 | 85.1 | 90.4 | 91.0 | 93.3 | 94.1 | 94.1 | 95.3  |
| >=1500  | 40.1                       | 76.2 | 80.4 | 86.4 | 91.9 | 92.6 | 95.1 | 96.1 | 96.1 | 97.4  |
| >=1200  | 40.1                       | 76.2 | 80.4 | 86.5 | 92.0 | 92.7 | 95.2 | 96.2 | 96.2 | 97.5  |
| >=1000  | 40.2                       | 76.3 | 80.7 | 86.9 | 92.4 | 93.1 | 95.7 | 96.7 | 96.7 | 98.1  |
| >=900   | 40.2                       | 76.3 | 80.7 | 86.9 | 92.4 | 93.1 | 95.7 | 96.7 | 96.7 | 98.1  |
| >=800   | 40.2                       | 76.4 | 80.8 | 87.0 | 92.6 | 93.3 | 95.9 | 96.9 | 96.9 | 98.5  |
| >=700   | 40.3                       | 76.5 | 80.9 | 87.1 | 92.7 | 93.4 | 96.1 | 97.1 | 97.1 | 98.7  |
| >=600   | 40.3                       | 76.5 | 80.9 | 87.1 | 92.7 | 93.4 | 96.1 | 97.1 | 97.1 | 98.8  |
| >=500   | 40.3                       | 76.6 | 81.1 | 87.4 | 93.0 | 93.7 | 96.4 | 97.4 | 97.4 | 99.1  |
| >=400   | 40.3                       | 76.6 | 81.2 | 87.5 | 93.1 | 93.8 | 96.5 | 97.5 | 97.5 | 99.2  |
| >=300   | 40.3                       | 76.6 | 81.2 | 87.5 | 93.1 | 93.8 | 96.5 | 97.5 | 97.5 | 99.2  |
| >=200   | 40.3                       | 76.6 | 81.2 | 87.5 | 93.1 | 93.8 | 96.5 | 97.5 | 97.5 | 99.2  |
| >=100   | 40.3                       | 76.6 | 81.2 | 87.5 | 93.1 | 93.8 | 96.5 | 97.5 | 97.5 | 99.2  |
| >=0     | 40.3                       | 76.6 | 81.2 | 87.5 | 93.1 | 93.8 | 96.5 | 97.5 | 97.5 | 99.2  |

TOTAL NO. OF OBS : 1016



## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 0300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/4  | >=1  |
| UNLIMIT | 28.2                       | 49.8 | 52.9 | 56.5 | 59.3 | 59.6 | 60.7 | 61.2 | 61.2 | 61.3 |
| >=20000 | 28.4                       | 50.5 | 53.8 | 57.4 | 60.3 | 60.6 | 61.7 | 62.2 | 62.2 | 62.3 |
| >=18000 | 28.4                       | 50.6 | 53.9 | 57.5 | 60.4 | 60.7 | 61.8 | 62.3 | 62.3 | 62.4 |
| >=16000 | 28.4                       | 50.6 | 53.9 | 57.5 | 60.4 | 60.7 | 61.8 | 62.3 | 62.3 | 62.4 |
| >=14000 | 28.4                       | 50.6 | 53.9 | 57.5 | 60.5 | 60.8 | 61.9 | 62.4 | 62.4 | 62.5 |
| >=12000 | 28.8                       | 51.2 | 54.4 | 58.1 | 61.2 | 61.5 | 62.5 | 63.0 | 63.0 | 63.1 |
| >=10000 | 29.9                       | 53.8 | 57.2 | 61.1 | 64.2 | 64.5 | 65.6 | 66.2 | 66.2 | 66.3 |
| >=9000  | 30.2                       | 54.3 | 57.8 | 61.7 | 64.9 | 65.2 | 66.3 | 66.9 | 66.9 | 67.0 |
| >=8000  | 30.9                       | 55.7 | 59.3 | 63.5 | 66.9 | 67.2 | 68.5 | 69.1 | 69.1 | 69.2 |
| >=7000  | 31.8                       | 56.8 | 60.4 | 64.7 | 68.2 | 68.5 | 69.8 | 70.4 | 70.4 | 70.5 |
| >=6000  | 32.4                       | 57.9 | 61.5 | 65.8 | 69.3 | 69.6 | 70.9 | 71.5 | 71.5 | 71.6 |
| >=5000  | 34.5                       | 61.4 | 65.0 | 69.6 | 73.1 | 73.4 | 75.0 | 75.6 | 75.6 | 75.7 |
| >=4500  | 35.3                       | 62.6 | 66.3 | 71.1 | 74.7 | 75.0 | 76.6 | 77.2 | 77.2 | 77.3 |
| >=4000  | 37.4                       | 67.6 | 71.5 | 76.8 | 80.5 | 81.0 | 83.1 | 83.8 | 83.8 | 83.9 |
| >=3500  | 38.2                       | 68.8 | 72.8 | 78.1 | 81.8 | 82.3 | 84.5 | 85.2 | 85.2 | 85.3 |
| >=3000  | 39.6                       | 73.2 | 77.6 | 83.4 | 87.5 | 88.0 | 90.6 | 91.4 | 91.4 | 91.5 |
| >=2500  | 40.3                       | 74.2 | 78.7 | 84.7 | 89.2 | 89.7 | 92.6 | 93.4 | 93.4 | 93.5 |
| >=2000  | 40.8                       | 75.0 | 79.5 | 86.2 | 90.7 | 91.2 | 94.3 | 95.4 | 95.4 | 95.6 |
| >=1800  | 40.8                       | 75.0 | 79.5 | 86.2 | 90.7 | 91.2 | 94.3 | 95.4 | 95.4 | 95.6 |
| >=1500  | 41.0                       | 75.8 | 80.5 | 87.3 | 92.1 | 92.6 | 95.9 | 97.0 | 97.0 | 97.2 |
| >=1200  | 41.0                       | 75.8 | 80.5 | 87.4 | 92.2 | 92.7 | 96.1 | 97.2 | 97.2 | 97.5 |
| >=1000  | 41.2                       | 76.3 | 81.1 | 87.9 | 92.9 | 93.5 | 97.0 | 98.1 | 98.1 | 98.5 |
| >=900   | 41.2                       | 76.3 | 81.1 | 87.9 | 92.9 | 93.5 | 97.0 | 98.1 | 98.1 | 98.5 |
| >=800   | 41.3                       | 76.4 | 81.2 | 88.0 | 93.0 | 93.6 | 97.1 | 98.2 | 98.2 | 98.7 |
| >=700   | 41.3                       | 76.4 | 81.2 | 88.0 | 93.0 | 93.6 | 97.1 | 98.2 | 98.2 | 98.7 |
| >=600   | 41.3                       | 76.4 | 81.2 | 88.0 | 93.0 | 93.6 | 97.1 | 98.2 | 98.2 | 98.8 |
| >=500   | 41.3                       | 76.5 | 81.3 | 88.1 | 93.2 | 93.8 | 97.3 | 98.4 | 98.4 | 99.0 |
| >=400   | 41.3                       | 76.5 | 81.3 | 88.1 | 93.2 | 93.8 | 97.3 | 98.5 | 98.5 | 99.1 |
| >=300   | 41.3                       | 76.5 | 81.3 | 88.1 | 93.2 | 93.8 | 97.3 | 98.5 | 98.5 | 99.1 |
| >=200   | 41.3                       | 76.5 | 81.3 | 88.1 | 93.2 | 93.8 | 97.3 | 98.5 | 98.5 | 99.1 |
| >=100   | 41.3                       | 76.5 | 81.3 | 88.1 | 93.2 | 93.8 | 97.3 | 98.5 | 98.5 | 99.1 |
| >=0     | 41.3                       | 76.5 | 81.3 | 88.1 | 93.2 | 93.8 | 97.3 | 98.5 | 98.5 | 99.1 |

TOTAL NO. OF OBS : 1012

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 0600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/4  | >=1   |
| UNLIMIT | 29.7                       | 51.2 | 53.8 | 56.7 | 58.5 | 58.8 | 59.9 | 60.1 | 60.1 | 60.2  |
| >=20000 | 30.1                       | 51.9 | 54.8 | 57.8 | 59.5 | 59.9 | 61.1 | 61.3 | 61.3 | 61.4  |
| >=18000 | 30.2                       | 52.0 | 54.9 | 57.9 | 59.6 | 60.0 | 61.2 | 61.4 | 61.4 | 61.5  |
| >=16000 | 30.2                       | 52.0 | 54.9 | 57.9 | 59.6 | 60.0 | 61.2 | 61.4 | 61.4 | 61.5  |
| >=14000 | 30.2                       | 52.0 | 55.0 | 58.0 | 59.7 | 60.1 | 61.3 | 61.5 | 61.5 | 61.6  |
| >=12000 | 30.7                       | 52.8 | 55.9 | 59.0 | 60.7 | 61.1 | 62.3 | 62.5 | 62.6 | 62.6  |
| >=10000 | 31.8                       | 55.3 | 58.5 | 61.6 | 63.5 | 63.9 | 65.1 | 65.4 | 65.4 | 65.5  |
| >= 9000 | 32.0                       | 55.6 | 58.8 | 61.9 | 63.8 | 64.2 | 65.4 | 65.7 | 65.7 | 65.8  |
| >= 8000 | 33.1                       | 57.2 | 61.0 | 64.4 | 66.4 | 66.8 | 68.0 | 68.3 | 68.3 | 68.5  |
| >= 7000 | 33.8                       | 58.4 | 62.2 | 65.8 | 67.9 | 68.2 | 69.5 | 69.9 | 70.1 | 70.1  |
| >= 6000 | 34.0                       | 58.8 | 62.8 | 66.5 | 68.5 | 68.9 | 70.2 | 70.6 | 70.8 | 70.8  |
| >= 5000 | 36.0                       | 62.3 | 66.5 | 70.3 | 72.4 | 72.8 | 74.1 | 74.5 | 74.8 | 74.8  |
| >= 4500 | 36.4                       | 63.0 | 67.2 | 71.0 | 73.2 | 73.6 | 74.9 | 75.3 | 75.6 | 75.6  |
| >= 4000 | 39.0                       | 69.3 | 73.8 | 77.8 | 80.3 | 80.8 | 82.5 | 82.9 | 83.4 | 83.4  |
| >= 3500 | 39.8                       | 71.3 | 75.9 | 79.9 | 82.5 | 83.0 | 84.8 | 85.3 | 85.9 | 85.9  |
| >= 3000 | 40.9                       | 75.7 | 80.3 | 85.2 | 87.9 | 88.6 | 90.5 | 91.1 | 91.7 | 91.7  |
| >= 2500 | 41.3                       | 76.6 | 81.4 | 86.3 | 89.2 | 89.9 | 92.1 | 92.7 | 93.3 | 93.3  |
| >= 2000 | 42.1                       | 77.8 | 82.8 | 87.8 | 91.3 | 92.1 | 94.4 | 95.1 | 95.7 | 95.7  |
| >= 1800 | 42.1                       | 77.8 | 82.8 | 87.9 | 91.4 | 92.2 | 94.5 | 95.2 | 95.8 | 95.8  |
| >= 1500 | 42.3                       | 78.4 | 83.5 | 88.6 | 92.5 | 93.3 | 95.6 | 96.4 | 97.3 | 97.3  |
| >= 1200 | 42.3                       | 78.4 | 83.5 | 88.6 | 92.6 | 93.4 | 95.7 | 96.6 | 97.5 | 97.5  |
| >= 1000 | 42.4                       | 78.7 | 84.0 | 89.1 | 93.1 | 94.0 | 96.3 | 97.4 | 98.5 | 98.5  |
| >= 900  | 42.4                       | 78.7 | 84.0 | 89.1 | 93.1 | 94.0 | 96.3 | 97.4 | 98.5 | 98.5  |
| >= 800  | 42.4                       | 78.7 | 84.0 | 89.1 | 93.2 | 94.1 | 96.5 | 97.8 | 99.0 | 99.2  |
| >= 700  | 42.4                       | 78.7 | 84.1 | 89.3 | 93.4 | 94.3 | 96.7 | 98.0 | 99.2 | 99.4  |
| >= 600  | 42.4                       | 78.7 | 84.1 | 89.3 | 93.4 | 94.3 | 96.7 | 98.0 | 99.3 | 99.6  |
| >= 500  | 42.4                       | 78.8 | 84.2 | 89.4 | 93.5 | 94.4 | 96.8 | 98.1 | 99.4 | 99.8  |
| >= 400  | 42.4                       | 78.8 | 84.2 | 89.4 | 93.6 | 94.5 | 96.9 | 98.2 | 99.5 | 99.9  |
| >= 300  | 42.4                       | 78.8 | 84.2 | 89.4 | 93.6 | 94.5 | 96.9 | 98.2 | 99.5 | 99.9  |
| >= 200  | 42.4                       | 78.8 | 84.2 | 89.4 | 93.6 | 94.5 | 96.9 | 98.2 | 99.5 | 100.0 |
| >= 100  | 42.4                       | 78.8 | 84.2 | 89.4 | 93.6 | 94.5 | 96.9 | 98.2 | 99.5 | 100.0 |
| >= 0    | 42.4                       | 78.8 | 84.2 | 89.4 | 93.6 | 94.5 | 96.9 | 98.2 | 99.5 | 100.0 |

TOTAL NO. OF OBS : 1011

# 2 - CEILING VS VISIBILITY

G43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
|         | >=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   |
| UNLIMIT | 22.1                       | 43.9 | 47.6 | 51.6 | 54.9 | 55.6    | 57.1 | 58.8    | 58.9    | 59.1 | 59.3  | 59.3  | 59.7  | 59.7   | 59.7  | 59.7  |
| >=20000 | 22.4                       | 44.9 | 48.9 | 53.3 | 56.9 | 57.7    | 59.2 | 60.9    | 61.0    | 61.2 | 61.5  | 61.5  | 61.9  | 61.9   | 61.9  | 61.9  |
| >=18000 | 22.4                       | 44.9 | 48.9 | 53.3 | 56.9 | 57.7    | 59.2 | 60.9    | 61.0    | 61.2 | 61.5  | 61.5  | 61.9  | 61.9   | 61.9  | 61.9  |
| >=16000 | 22.4                       | 44.9 | 48.9 | 53.3 | 56.9 | 57.7    | 59.2 | 60.9    | 61.0    | 61.2 | 61.5  | 61.5  | 61.9  | 61.9   | 61.9  | 61.9  |
| >=14000 | 22.8                       | 45.4 | 49.4 | 53.8 | 57.4 | 58.2    | 59.7 | 61.4    | 61.5    | 61.7 | 62.0  | 62.0  | 62.4  | 62.4   | 62.4  | 62.4  |
| >=12000 | 23.0                       | 46.3 | 50.4 | 54.9 | 58.8 | 59.7    | 61.2 | 63.0    | 63.1    | 63.3 | 63.7  | 63.7  | 64.1  | 64.1   | 64.1  | 64.1  |
| >=10000 | 23.9                       | 48.2 | 52.4 | 57.0 | 61.2 | 62.3    | 63.8 | 65.7    | 65.8    | 66.0 | 66.4  | 66.4  | 66.8  | 66.8   | 66.8  | 66.8  |
| >= 9000 | 24.0                       | 48.7 | 52.9 | 57.6 | 61.8 | 62.9    | 64.5 | 66.4    | 66.5    | 66.7 | 67.1  | 67.1  | 67.5  | 67.5   | 67.5  | 67.5  |
| >= 8000 | 25.0                       | 50.7 | 55.5 | 60.5 | 64.8 | 65.9    | 67.8 | 69.7    | 69.8    | 70.0 | 70.4  | 70.4  | 70.9  | 70.9   | 70.9  | 70.9  |
| >= 7000 | 25.2                       | 51.5 | 56.3 | 61.3 | 65.7 | 66.9    | 68.9 | 70.8    | 70.9    | 71.1 | 71.5  | 71.5  | 72.0  | 72.0   | 72.0  | 72.0  |
| >= 6000 | 25.6                       | 52.2 | 57.2 | 62.2 | 66.7 | 67.9    | 69.9 | 71.8    | 71.9    | 72.1 | 72.5  | 72.5  | 73.0  | 73.0   | 73.1  | 73.1  |
| >= 5000 | 27.1                       | 54.7 | 59.9 | 65.1 | 69.6 | 70.8    | 72.8 | 74.7    | 74.8    | 75.1 | 75.5  | 75.5  | 76.1  | 76.1   | 76.2  | 76.2  |
| >= 4500 | 27.3                       | 55.5 | 60.8 | 66.1 | 70.8 | 72.0    | 74.0 | 76.0    | 76.1    | 76.4 | 76.8  | 76.8  | 77.4  | 77.4   | 77.5  | 77.5  |
| >= 4000 | 28.9                       | 60.5 | 66.4 | 72.6 | 78.1 | 79.3    | 81.7 | 83.9    | 84.0    | 84.4 | 84.8  | 84.8  | 85.4  | 85.4   | 85.5  | 85.5  |
| >= 3500 | 29.7                       | 62.5 | 68.5 | 74.8 | 80.5 | 81.8    | 84.5 | 86.7    | 86.8    | 87.2 | 87.6  | 87.6  | 88.2  | 88.2   | 88.3  | 88.3  |
| >= 3000 | 30.3                       | 65.7 | 72.0 | 78.6 | 84.3 | 85.6    | 88.3 | 90.6    | 90.7    | 91.2 | 91.6  | 91.6  | 92.2  | 92.2   | 92.3  | 92.3  |
| >= 2500 | 30.7                       | 66.7 | 73.1 | 80.0 | 86.0 | 87.3    | 90.1 | 92.4    | 92.5    | 93.0 | 93.4  | 93.4  | 94.0  | 94.0   | 94.1  | 94.1  |
| >= 2000 | 30.7                       | 67.3 | 74.0 | 81.1 | 87.2 | 88.6    | 91.5 | 93.8    | 93.9    | 94.4 | 94.8  | 94.8  | 95.4  | 95.4   | 95.5  | 95.5  |
| >= 1800 | 30.7                       | 67.3 | 74.0 | 81.1 | 87.2 | 88.6    | 91.5 | 93.8    | 93.9    | 94.4 | 94.8  | 94.8  | 95.4  | 95.4   | 95.5  | 95.5  |
| >= 1500 | 30.8                       | 67.6 | 74.4 | 81.7 | 88.1 | 89.5    | 92.5 | 94.9    | 95.0    | 95.5 | 95.9  | 95.9  | 96.5  | 96.5   | 96.6  | 96.6  |
| >= 1200 | 30.8                       | 67.7 | 74.5 | 81.8 | 88.2 | 89.6    | 92.6 | 95.0    | 95.1    | 95.6 | 96.0  | 96.0  | 96.6  | 96.6   | 96.7  | 96.7  |
| >= 1000 | 30.9                       | 68.0 | 75.1 | 82.6 | 89.2 | 90.6    | 93.6 | 96.3    | 96.4    | 97.0 | 97.5  | 97.5  | 98.2  | 98.2   | 98.3  | 98.3  |
| >= 900  | 30.9                       | 68.0 | 75.1 | 82.6 | 89.2 | 90.6    | 93.6 | 96.3    | 96.4    | 97.0 | 97.5  | 97.5  | 98.2  | 98.2   | 98.3  | 98.3  |
| >= 800  | 30.9                       | 68.0 | 75.2 | 82.8 | 89.6 | 91.0    | 94.0 | 96.7    | 96.8    | 97.4 | 97.9  | 97.9  | 98.6  | 98.6   | 98.7  | 98.7  |
| >= 700  | 30.9                       | 68.0 | 75.2 | 82.9 | 89.8 | 91.2    | 94.4 | 97.2    | 97.3    | 97.9 | 98.5  | 98.5  | 99.3  | 99.3   | 99.4  | 99.4  |
| >= 600  | 30.9                       | 68.0 | 75.2 | 82.9 | 89.8 | 91.2    | 94.4 | 97.2    | 97.3    | 97.9 | 98.5  | 98.5  | 99.3  | 99.3   | 99.4  | 99.4  |
| >= 500  | 30.9                       | 68.1 | 75.3 | 83.0 | 89.9 | 91.3    | 94.5 | 97.3    | 97.4    | 98.0 | 98.6  | 98.6  | 99.4  | 99.4   | 99.5  | 99.5  |
| >= 400  | 30.9                       | 68.1 | 75.4 | 83.1 | 90.0 | 91.4    | 94.6 | 97.4    | 97.5    | 98.1 | 98.9  | 98.9  | 99.7  | 99.7   | 99.9  | 99.9  |
| >= 300  | 30.9                       | 68.1 | 75.4 | 83.1 | 90.0 | 91.4    | 94.6 | 97.4    | 97.5    | 98.1 | 98.9  | 98.9  | 99.7  | 99.7   | 100.0 | 100.0 |
| >= 200  | 30.9                       | 68.1 | 75.4 | 83.1 | 90.0 | 91.4    | 94.6 | 97.4    | 97.5    | 98.1 | 98.9  | 98.9  | 99.7  | 99.7   | 100.0 | 100.0 |
| >= 100  | 30.9                       | 68.1 | 75.4 | 83.1 | 90.0 | 91.4    | 94.6 | 97.4    | 97.5    | 98.1 | 98.9  | 98.9  | 99.7  | 99.7   | 100.0 | 100.0 |
| >= 0    | 30.9                       | 68.1 | 75.4 | 83.1 | 90.0 | 91.4    | 94.6 | 97.4    | 97.5    | 98.1 | 98.9  | 98.9  | 99.7  | 99.7   | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1000

G43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 1200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 25.1                       | 48.7 | 52.8 | 56.5 | 58.1 | 58.6 | 59.4 | 60.2 | 60.3 | 60.6 |
| >=20000 | 25.5                       | 50.4 | 55.2 | 59.6 | 61.3 | 61.9 | 62.7 | 63.6 | 63.7 | 64.0 |
| >=18000 | 25.6                       | 50.6 | 55.4 | 59.8 | 61.5 | 62.1 | 62.9 | 63.8 | 63.9 | 64.2 |
| >=16000 | 25.6                       | 50.6 | 55.4 | 59.8 | 61.5 | 62.1 | 62.9 | 63.8 | 63.9 | 64.2 |
| >=14000 | 25.6                       | 50.7 | 55.6 | 60.1 | 61.9 | 62.5 | 63.4 | 64.4 | 64.5 | 64.8 |
| >=12000 | 25.6                       | 51.1 | 56.2 | 60.8 | 62.7 | 63.3 | 64.2 | 65.3 | 65.4 | 65.9 |
| >=10000 | 25.9                       | 52.2 | 57.5 | 62.1 | 64.2 | 64.9 | 66.0 | 67.1 | 67.2 | 67.7 |
| >= 9000 | 26.1                       | 53.1 | 58.4 | 63.1 | 65.2 | 65.9 | 67.0 | 68.1 | 68.2 | 68.7 |
| >= 8000 | 27.0                       | 55.2 | 61.1 | 66.0 | 68.3 | 69.0 | 70.2 | 71.3 | 71.4 | 72.1 |
| >= 7000 | 27.7                       | 56.6 | 62.6 | 67.6 | 70.2 | 70.9 | 72.2 | 73.3 | 73.4 | 74.2 |
| >= 6000 | 27.7                       | 56.8 | 62.8 | 67.9 | 70.5 | 71.2 | 72.7 | 73.9 | 74.0 | 75.1 |
| >= 5000 | 28.9                       | 59.6 | 66.0 | 71.5 | 74.7 | 75.7 | 77.5 | 78.7 | 78.9 | 80.1 |
| >= 4500 | 29.3                       | 60.8 | 67.2 | 72.8 | 76.3 | 77.2 | 79.0 | 80.2 | 80.4 | 81.6 |
| >= 4000 | 30.2                       | 64.3 | 71.1 | 77.5 | 81.2 | 82.1 | 84.1 | 85.3 | 85.5 | 86.9 |
| >= 3500 | 30.8                       | 65.8 | 72.7 | 79.1 | 83.1 | 84.0 | 86.0 | 87.2 | 87.4 | 88.8 |
| >= 3000 | 31.3                       | 68.4 | 75.6 | 82.2 | 86.6 | 87.6 | 89.7 | 91.0 | 91.2 | 92.6 |
| >= 2500 | 31.4                       | 69.0 | 76.4 | 83.3 | 87.9 | 88.9 | 91.0 | 92.3 | 92.5 | 94.0 |
| >= 2000 | 31.8                       | 69.8 | 77.2 | 84.1 | 88.9 | 89.9 | 92.1 | 93.5 | 93.7 | 95.4 |
| >= 1800 | 31.8                       | 69.8 | 77.2 | 84.1 | 88.9 | 89.9 | 92.1 | 93.5 | 93.7 | 95.4 |
| >= 1500 | 31.9                       | 70.1 | 77.5 | 84.4 | 89.3 | 90.3 | 92.7 | 94.1 | 94.3 | 96.1 |
| >= 1200 | 31.9                       | 70.1 | 77.5 | 84.4 | 89.3 | 90.3 | 92.7 | 94.1 | 94.3 | 96.1 |
| >= 1000 | 32.0                       | 70.4 | 77.8 | 84.8 | 90.1 | 91.1 | 94.0 | 95.4 | 95.6 | 97.6 |
| >= 900  | 32.0                       | 70.4 | 77.8 | 84.8 | 90.1 | 91.1 | 94.0 | 95.4 | 95.6 | 97.6 |
| >= 800  | 32.0                       | 70.5 | 77.9 | 84.9 | 90.2 | 91.2 | 94.1 | 95.6 | 95.9 | 97.8 |
| >= 700  | 32.0                       | 70.5 | 77.9 | 85.0 | 90.3 | 91.3 | 94.2 | 95.8 | 96.0 | 97.5 |
| >= 600  | 32.0                       | 70.6 | 78.0 | 85.2 | 90.6 | 91.6 | 94.6 | 96.2 | 96.4 | 97.9 |
| >= 500  | 32.0                       | 70.8 | 78.2 | 85.4 | 91.0 | 92.0 | 95.0 | 96.6 | 96.8 | 98.3 |
| >= 400  | 32.0                       | 70.8 | 78.2 | 85.4 | 91.0 | 92.0 | 95.0 | 96.6 | 96.8 | 98.3 |
| >= 300  | 32.0                       | 70.8 | 78.2 | 85.4 | 91.0 | 92.0 | 95.0 | 96.6 | 96.8 | 98.3 |
| >= 200  | 32.0                       | 70.8 | 78.2 | 85.4 | 91.0 | 92.0 | 95.0 | 96.6 | 96.8 | 98.3 |
| >= 100  | 32.0                       | 70.8 | 78.2 | 85.4 | 91.0 | 92.0 | 95.0 | 96.6 | 96.8 | 98.3 |
| >= 0    | 32.0                       | 70.8 | 78.2 | 85.4 | 91.0 | 92.0 | 95.0 | 96.6 | 96.8 | 98.3 |

TOTAL NO. OF OBS : 998

## 2 - CEILING VS VISIBILITY

045323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JAN  
HOUR : 1500 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1/4 |
| UNLIMIT | 31.6                       | 55.3 | 57.1 | 58.2 | 58.4 | 58.7 | 58.9 | 59.0 | 59.0 | 59.2  |
| >=20000 | 32.6                       | 58.8 | 61.0 | 62.3 | 62.6 | 62.9 | 63.2 | 63.3 | 63.3 | 63.5  |
| >=13000 | 32.8                       | 59.0 | 61.3 | 62.7 | 63.0 | 63.3 | 63.6 | 63.7 | 63.7 | 63.9  |
| >=16000 | 32.8                       | 59.0 | 61.3 | 62.7 | 63.0 | 63.3 | 63.6 | 63.7 | 63.7 | 63.9  |
| >=14000 | 32.8                       | 59.2 | 61.5 | 62.9 | 63.2 | 63.5 | 63.8 | 63.9 | 63.9 | 63.9  |
| >=12000 | 33.5                       | 60.6 | 63.1 | 64.5 | 64.9 | 65.2 | 65.5 | 65.6 | 65.6 | 64.1  |
| >=10000 | 34.2                       | 62.8 | 65.4 | 67.3 | 67.8 | 68.3 | 68.6 | 68.8 | 68.8 | 65.8  |
| >=9000  | 34.4                       | 63.1 | 65.7 | 67.6 | 68.2 | 68.7 | 69.0 | 69.2 | 69.2 | 69.1  |
| >=8000  | 35.1                       | 65.1 | 68.0 | 70.2 | 70.8 | 71.4 | 72.0 | 72.2 | 72.2 | 69.5  |
| >=7000  | 35.6                       | 66.3 | 69.3 | 71.6 | 72.4 | 73.0 | 73.7 | 73.9 | 74.2 | 72.5  |
| >=6000  | 36.0                       | 66.9 | 69.9 | 72.2 | 73.0 | 73.6 | 74.4 | 74.6 | 74.9 | 74.3  |
| >=5000  | 37.5                       | 70.3 | 72.6 | 76.0 | 77.2 | 77.8 | 78.6 | 78.9 | 79.2 | 75.0  |
| >=4500  | 37.8                       | 71.7 | 75.1 | 77.5 | 78.8 | 79.4 | 80.2 | 80.5 | 80.8 | 79.3  |
| >=4000  | 39.2                       | 75.6 | 79.4 | 81.9 | 83.7 | 84.4 | 85.4 | 85.7 | 86.0 | 80.9  |
| >=3500  | 39.7                       | 76.8 | 80.7 | 83.3 | 85.2 | 85.9 | 86.9 | 87.2 | 87.7 | 86.3  |
| >=3000  | 40.5                       | 79.7 | 83.6 | 86.6 | 88.9 | 89.8 | 91.4 | 91.9 | 92.5 | 87.8  |
| >=2500  | 40.7                       | 80.8 | 84.7 | 87.7 | 90.1 | 91.1 | 92.6 | 93.1 | 93.6 | 92.6  |
| >=2000  | 41.0                       | 81.5 | 85.7 | 88.7 | 91.2 | 92.3 | 94.0 | 94.5 | 95.1 | 93.9  |
| >=1800  | 41.0                       | 81.5 | 85.7 | 88.7 | 91.2 | 92.3 | 94.0 | 94.5 | 95.1 | 95.4  |
| >=1500  | 41.4                       | 82.1 | 86.4 | 89.5 | 92.2 | 93.3 | 95.1 | 95.6 | 96.4 | 96.7  |
| >=1200  | 41.4                       | 82.1 | 86.4 | 89.5 | 92.2 | 93.3 | 95.1 | 95.6 | 96.4 | 96.8  |
| >=1000  | 41.4                       | 82.3 | 86.6 | 89.7 | 92.6 | 93.8 | 95.7 | 96.3 | 97.2 | 97.7  |
| >=900   | 41.4                       | 82.3 | 86.6 | 89.7 | 92.6 | 93.8 | 95.7 | 96.4 | 97.3 | 97.8  |
| >=800   | 41.4                       | 82.4 | 86.7 | 89.8 | 92.8 | 94.1 | 96.0 | 96.7 | 97.6 | 98.2  |
| >=700   | 41.4                       | 82.4 | 86.7 | 89.9 | 92.9 | 94.2 | 96.1 | 97.0 | 97.9 | 98.2  |
| >=600   | 41.4                       | 82.4 | 86.8 | 90.1 | 93.0 | 94.3 | 96.3 | 97.2 | 98.1 | 98.5  |
| >=500   | 41.4                       | 82.5 | 87.0 | 90.4 | 93.4 | 94.7 | 96.8 | 97.7 | 98.6 | 98.7  |
| >=400   | 41.4                       | 82.5 | 87.0 | 90.4 | 93.4 | 94.7 | 96.8 | 97.7 | 98.6 | 98.9  |
| >=300   | 41.4                       | 82.6 | 87.1 | 90.5 | 93.6 | 94.9 | 97.0 | 97.9 | 98.8 | 99.3  |
| >=200   | 41.4                       | 82.6 | 87.1 | 90.5 | 93.6 | 94.9 | 97.0 | 97.9 | 98.8 | 99.5  |
| >=100   | 41.4                       | 82.6 | 87.1 | 90.5 | 93.6 | 94.9 | 97.0 | 97.9 | 98.8 | 99.5  |
| >=0     | 41.4                       | 82.6 | 87.1 | 90.5 | 93.6 | 94.9 | 97.0 | 97.9 | 98.8 | 99.5  |

TOTAL NO. OF OBS : 995

U4323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : 1800 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |         |         |         |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|---------|---------|---------|------|-------|-------|-------|--------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2 1/2 | >=1 1/2 | >=1 1/4 | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |
| UNLIMIT | 31.5                       | 56.8 | 56.7 | 56.7 | 59.2 | 59.3    | 59.3    | 59.3    | 59.3    | 59.3 | 59.3  | 59.3  | 59.3  | 59.3   | 59.3  | 59.3  |
| >=20000 | 32.0                       | 57.8 | 59.5 | 59.9 | 60.4 | 60.5    | 60.5    | 60.5    | 60.5    | 60.5 | 60.5  | 60.5  | 60.5  | 60.5   | 60.5  | 60.5  |
| >=18000 | 32.0                       | 58.0 | 59.7 | 60.1 | 60.6 | 60.7    | 60.7    | 60.7    | 60.7    | 60.7 | 60.7  | 60.7  | 60.7  | 60.7   | 60.7  | 60.7  |
| >=16000 | 32.1                       | 58.1 | 59.8 | 60.2 | 60.7 | 60.8    | 60.8    | 60.8    | 60.8    | 60.8 | 60.8  | 60.8  | 60.8  | 60.8   | 60.8  | 60.8  |
| >=14000 | 32.3                       | 58.5 | 60.2 | 60.6 | 61.1 | 61.2    | 61.2    | 61.2    | 61.2    | 61.2 | 61.2  | 61.2  | 61.2  | 61.2   | 61.2  | 61.2  |
| >=12000 | 32.9                       | 59.6 | 61.4 | 61.8 | 62.3 | 62.4    | 62.6    | 62.6    | 62.6    | 62.6 | 62.6  | 62.6  | 62.6  | 62.6   | 62.6  | 62.6  |
| >=10000 | 33.4                       | 61.2 | 63.7 | 64.1 | 64.7 | 64.8    | 65.0    | 65.1    | 65.1    | 65.1 | 65.1  | 65.1  | 65.2  | 65.2   | 65.2  | 65.2  |
| >=9000  | 33.5                       | 61.4 | 63.9 | 64.5 | 65.1 | 65.2    | 65.4    | 65.5    | 65.5    | 65.6 | 65.6  | 65.6  | 65.7  | 65.7   | 65.7  | 65.7  |
| >=8000  | 34.1                       | 63.5 | 66.4 | 67.2 | 67.9 | 68.0    | 68.5    | 68.6    | 68.6    | 68.7 | 68.7  | 68.7  | 68.8  | 68.8   | 68.8  | 68.8  |
| >=7000  | 34.7                       | 64.8 | 67.7 | 68.6 | 69.4 | 69.5    | 70.1    | 70.2    | 70.2    | 70.4 | 70.4  | 70.4  | 70.5  | 70.5   | 70.5  | 70.5  |
| >=6000  | 35.7                       | 66.4 | 69.4 | 70.4 | 71.2 | 71.3    | 71.8    | 71.9    | 71.9    | 72.1 | 72.1  | 72.1  | 72.2  | 72.2   | 72.2  | 72.2  |
| >=5000  | 37.8                       | 70.1 | 73.4 | 74.5 | 75.5 | 75.6    | 76.1    | 76.4    | 76.4    | 76.7 | 76.7  | 76.7  | 76.8  | 76.8   | 76.8  | 76.8  |
| >=4500  | 38.5                       | 71.2 | 74.5 | 75.6 | 76.6 | 77.2    | 77.5    | 77.5    | 77.5    | 77.8 | 77.8  | 77.8  | 77.9  | 77.9   | 77.9  | 77.9  |
| >=4000  | 40.1                       | 75.3 | 78.8 | 80.0 | 80.9 | 81.0    | 81.7    | 82.0    | 82.0    | 82.4 | 82.4  | 82.4  | 82.7  | 82.7   | 82.7  | 82.7  |
| >=3500  | 40.8                       | 77.1 | 80.6 | 81.8 | 82.7 | 82.9    | 83.6    | 83.9    | 83.9    | 84.3 | 84.3  | 84.3  | 84.6  | 84.6   | 84.6  | 84.6  |
| >=3000  | 42.5                       | 82.5 | 86.1 | 87.7 | 88.7 | 89.0    | 90.1    | 90.4    | 90.4    | 91.0 | 91.0  | 91.0  | 91.3  | 91.3   | 91.3  | 91.3  |
| >=2500  | 42.8                       | 83.2 | 87.0 | 88.8 | 89.9 | 90.3    | 91.5    | 91.9    | 91.9    | 92.5 | 92.5  | 92.5  | 92.8  | 92.8   | 92.8  | 92.8  |
| >=2000  | 43.3                       | 84.3 | 88.4 | 90.7 | 91.9 | 92.2    | 93.5    | 94.0    | 94.0    | 94.7 | 94.7  | 94.7  | 95.0  | 95.0   | 95.0  | 95.0  |
| >=1800  | 43.3                       | 84.3 | 88.4 | 90.7 | 91.9 | 92.2    | 93.5    | 94.0    | 94.0    | 94.7 | 94.7  | 94.7  | 95.0  | 95.0   | 95.0  | 95.0  |
| >=1500  | 43.7                       | 85.0 | 89.2 | 91.7 | 93.1 | 93.5    | 95.0    | 95.5    | 95.5    | 96.3 | 96.3  | 96.3  | 96.6  | 96.6   | 96.7  | 96.7  |
| >=1200  | 43.8                       | 85.1 | 89.3 | 91.8 | 93.2 | 93.6    | 95.1    | 95.7    | 95.7    | 96.5 | 96.6  | 96.6  | 96.9  | 96.9   | 97.0  | 97.0  |
| >=1000  | 44.0                       | 85.6 | 89.8 | 92.3 | 93.7 | 94.3    | 95.9    | 96.5    | 96.5    | 97.3 | 97.5  | 97.5  | 98.0  | 98.0   | 98.1  | 98.1  |
| >=900   | 44.0                       | 85.6 | 89.8 | 92.3 | 93.7 | 94.3    | 95.9    | 96.6    | 96.6    | 97.4 | 97.6  | 97.6  | 98.1  | 98.1   | 98.2  | 98.2  |
| >=800   | 44.1                       | 85.9 | 90.2 | 92.6 | 94.2 | 94.8    | 96.4    | 97.1    | 97.1    | 97.9 | 98.1  | 98.1  | 98.6  | 98.6   | 98.7  | 98.8  |
| >=700   | 44.1                       | 85.9 | 90.2 | 92.6 | 94.2 | 94.8    | 96.4    | 97.1    | 97.1    | 97.9 | 98.2  | 98.2  | 98.8  | 98.8   | 99.0  | 99.1  |
| >=600   | 44.1                       | 85.9 | 90.2 | 92.6 | 94.3 | 94.9    | 96.5    | 97.2    | 97.2    | 98.0 | 98.3  | 98.3  | 98.9  | 98.9   | 99.2  | 99.3  |
| >=500   | 44.1                       | 85.9 | 90.2 | 92.8 | 94.5 | 95.2    | 96.8    | 97.5    | 97.5    | 98.3 | 98.6  | 98.6  | 99.2  | 99.2   | 99.5  | 99.6  |
| >=400   | 44.2                       | 86.0 | 90.4 | 92.9 | 94.7 | 95.4    | 97.0    | 97.7    | 97.7    | 98.5 | 98.8  | 98.8  | 99.4  | 99.4   | 99.7  | 99.7  |
| >=300   | 44.2                       | 86.0 | 90.4 | 92.9 | 94.7 | 95.4    | 97.0    | 97.7    | 97.7    | 98.5 | 98.8  | 98.8  | 99.4  | 99.4   | 99.8  | 100.0 |
| >=200   | 44.2                       | 86.0 | 90.4 | 92.9 | 94.7 | 95.4    | 97.0    | 97.7    | 97.7    | 98.5 | 98.8  | 98.8  | 99.4  | 99.4   | 99.8  | 100.0 |
| >=100   | 44.2                       | 86.0 | 90.4 | 92.9 | 94.7 | 95.4    | 97.0    | 97.7    | 97.7    | 98.5 | 98.8  | 98.8  | 99.4  | 99.4   | 99.8  | 100.0 |
| >= 0    | 44.2                       | 86.0 | 90.4 | 92.9 | 94.7 | 95.4    | 97.0    | 97.7    | 97.7    | 98.5 | 98.8  | 98.8  | 99.4  | 99.4   | 99.8  | 100.0 |

TOTAL NO. OF OBS : 995

# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E FLEV. : 10 FT  
 MONTH : JAN  
 HOUR : 2100 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |         |         |         |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|---------|---------|---------|------|-------|-------|-------|--------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2 1/2 | >=1 1/2 | >=1 1/4 | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |
| UNLIMIT | 30.9                       | 56.0 | 57.6 | 59.4 | 61.1 | 61.4    | 62.0    | 62.3    | 62.4    | 62.6 | 62.6  | 62.6  | 62.6  | 62.6   | 62.6  | 62.6  |
| >=20000 | 31.4                       | 57.9 | 59.7 | 61.5 | 63.1 | 63.4    | 64.0    | 64.3    | 64.4    | 64.7 | 64.7  | 64.7  | 64.7  | 64.7   | 64.7  | 64.7  |
| >=18000 | 31.4                       | 57.9 | 59.7 | 61.5 | 63.1 | 63.4    | 64.0    | 64.3    | 64.4    | 64.7 | 64.7  | 64.7  | 64.7  | 64.7   | 64.7  | 64.7  |
| >=16000 | 31.4                       | 57.9 | 59.7 | 61.5 | 63.1 | 63.4    | 64.0    | 64.3    | 64.4    | 64.7 | 64.7  | 64.7  | 64.7  | 64.7   | 64.7  | 64.7  |
| >=14000 | 31.4                       | 57.9 | 59.7 | 61.5 | 63.1 | 63.4    | 64.0    | 64.3    | 64.4    | 64.7 | 64.7  | 64.7  | 64.7  | 64.7   | 64.7  | 64.7  |
| >=12000 | 31.6                       | 58.1 | 60.1 | 61.9 | 63.5 | 63.8    | 64.4    | 64.8    | 64.9    | 65.2 | 65.2  | 65.2  | 65.2  | 65.2   | 65.2  | 65.2  |
| >=10000 | 32.0                       | 59.6 | 61.8 | 63.7 | 65.7 | 66.0    | 66.9    | 67.3    | 67.4    | 67.7 | 67.7  | 67.7  | 67.7  | 67.7   | 67.7  | 67.7  |
| >=9000  | 32.1                       | 59.7 | 61.9 | 63.9 | 65.9 | 66.2    | 67.1    | 67.5    | 67.6    | 67.9 | 67.9  | 67.9  | 67.9  | 67.9   | 67.9  | 67.9  |
| >=8000  | 33.1                       | 62.0 | 64.3 | 66.4 | 68.5 | 68.8    | 69.6    | 70.3    | 70.4    | 70.7 | 70.7  | 70.7  | 70.7  | 70.7   | 70.7  | 70.7  |
| >=7000  | 33.6                       | 62.8 | 65.3 | 67.6 | 69.7 | 70.0    | 71.0    | 71.4    | 71.5    | 71.8 | 71.8  | 71.8  | 71.8  | 71.8   | 71.8  | 71.8  |
| >=6000  | 34.3                       | 63.8 | 66.3 | 68.8 | 70.8 | 71.1    | 72.2    | 72.6    | 72.7    | 73.0 | 73.0  | 73.0  | 73.0  | 73.0   | 73.0  | 73.0  |
| >=5000  | 36.4                       | 67.3 | 69.9 | 72.5 | 74.6 | 74.9    | 76.1    | 76.5    | 76.6    | 76.9 | 76.9  | 76.9  | 76.9  | 76.9   | 76.9  | 76.9  |
| >=4500  | 36.9                       | 68.3 | 70.8 | 73.6 | 75.8 | 76.1    | 77.4    | 77.8    | 77.9    | 78.2 | 78.2  | 78.2  | 78.2  | 78.2   | 78.2  | 78.2  |
| >=4000  | 39.6                       | 74.1 | 76.8 | 79.5 | 81.9 | 82.2    | 83.6    | 84.1    | 84.2    | 84.5 | 84.5  | 84.5  | 84.5  | 84.5   | 84.5  | 84.5  |
| >=3500  | 40.0                       | 75.5 | 78.2 | 80.9 | 83.3 | 83.6    | 85.0    | 85.6    | 85.7    | 86.0 | 86.0  | 86.0  | 86.0  | 86.0   | 86.0  | 86.0  |
| >=3000  | 41.2                       | 79.6 | 82.9 | 86.1 | 88.7 | 89.1    | 90.8    | 91.5    | 91.6    | 92.0 | 92.0  | 92.0  | 92.0  | 92.0   | 92.0  | 92.0  |
| >=2500  | 41.5                       | 80.5 | 83.8 | 87.0 | 89.8 | 90.2    | 91.9    | 92.6    | 92.7    | 93.2 | 93.2  | 93.2  | 93.2  | 93.2   | 93.2  | 93.2  |
| >=2000  | 42.0                       | 82.0 | 85.3 | 88.6 | 91.7 | 92.1    | 93.8    | 94.6    | 94.7    | 95.4 | 95.4  | 95.4  | 95.4  | 95.4   | 95.4  | 95.4  |
| >=1800  | 42.0                       | 82.0 | 85.3 | 88.6 | 91.7 | 92.1    | 93.8    | 94.6    | 94.7    | 95.5 | 95.5  | 95.5  | 95.5  | 95.5   | 95.5  | 95.5  |
| >=1500  | 42.3                       | 82.4 | 85.9 | 89.4 | 92.6 | 93.1    | 94.9    | 95.8    | 95.9    | 96.7 | 96.7  | 96.7  | 96.7  | 96.7   | 96.7  | 96.7  |
| >=1200  | 42.3                       | 82.5 | 86.0 | 89.5 | 92.7 | 93.3    | 95.1    | 96.0    | 96.1    | 96.9 | 96.9  | 96.9  | 96.9  | 96.9   | 96.9  | 96.9  |
| >=1000  | 42.3                       | 82.5 | 86.0 | 89.8 | 93.3 | 93.9    | 95.8    | 96.8    | 96.9    | 97.8 | 97.8  | 97.8  | 97.9  | 97.9   | 97.9  | 97.9  |
| >=900   | 42.3                       | 82.5 | 86.0 | 89.9 | 93.4 | 94.0    | 95.9    | 96.9    | 97.0    | 97.9 | 97.9  | 97.9  | 98.0  | 98.0   | 98.0  | 98.0  |
| >=700   | 42.4                       | 82.6 | 86.1 | 90.0 | 93.7 | 94.3    | 96.2    | 97.2    | 97.3    | 98.2 | 98.2  | 98.2  | 98.3  | 98.3   | 98.3  | 98.3  |
| >=600   | 42.5                       | 82.7 | 86.2 | 90.2 | 93.9 | 94.6    | 96.5    | 97.6    | 97.7    | 98.6 | 98.6  | 98.6  | 98.7  | 98.7   | 98.7  | 98.7  |
| >=500   | 42.5                       | 82.7 | 86.3 | 90.4 | 94.1 | 94.8    | 96.7    | 97.9    | 98.0    | 99.0 | 99.2  | 99.2  | 99.4  | 99.4   | 99.5  | 99.5  |
| >=400   | 42.6                       | 82.8 | 86.4 | 90.5 | 94.3 | 95.0    | 96.9    | 98.1    | 98.2    | 99.2 | 99.5  | 99.5  | 99.6  | 99.6   | 99.7  | 99.8  |
| >=300   | 42.6                       | 82.8 | 86.4 | 90.5 | 94.3 | 95.0    | 96.9    | 98.1    | 98.2    | 99.2 | 99.5  | 99.5  | 99.7  | 99.7   | 99.8  | 99.9  |
| >=200   | 42.6                       | 82.8 | 86.4 | 90.5 | 94.3 | 95.0    | 96.9    | 98.1    | 98.2    | 99.2 | 99.5  | 99.5  | 99.7  | 99.7   | 99.8  | 99.9  |
| >=100   | 42.6                       | 82.8 | 86.4 | 90.5 | 94.3 | 95.0    | 96.9    | 98.1    | 98.2    | 99.2 | 99.5  | 99.5  | 99.7  | 99.7   | 99.8  | 99.9  |
| >= 0    | 42.6                       | 82.8 | 86.4 | 90.5 | 94.3 | 95.0    | 96.9    | 98.1    | 98.2    | 99.2 | 99.5  | 99.5  | 99.7  | 99.7   | 99.8  | 100.0 |

TOTAL NO. OF OBS : 1012

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN  
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 28.4                       | 51.5 | 54.1 | 56.7 | 58.6 | 59.0 | 59.8 | 60.3 | 60.3 | 60.5 |
| >=20000 | 28.8                       | 53.0 | 55.9 | 58.7 | 60.6 | 61.0 | 61.9 | 62.4 | 62.4 | 62.6 |
| >=18000 | 28.8                       | 53.1 | 56.0 | 58.8 | 60.8 | 61.2 | 62.0 | 62.5 | 62.5 | 62.7 |
| >=16000 | 28.9                       | 53.1 | 56.1 | 58.8 | 60.8 | 61.2 | 62.0 | 62.5 | 62.5 | 62.8 |
| >=14000 | 29.0                       | 53.3 | 56.3 | 59.0 | 61.0 | 61.4 | 62.3 | 62.8 | 62.8 | 62.9 |
| >=12000 | 29.3                       | 54.0 | 57.1 | 59.9 | 62.0 | 62.4 | 63.3 | 63.9 | 63.9 | 64.1 |
| >=10000 | 30.1                       | 56.0 | 59.3 | 62.2 | 64.5 | 65.0 | 65.9 | 66.6 | 66.6 | 66.8 |
| >=9000  | 30.3                       | 56.4 | 59.7 | 62.7 | 65.0 | 65.5 | 66.5 | 67.1 | 67.1 | 67.4 |
| >=8000  | 31.1                       | 58.2 | 61.9 | 65.2 | 67.6 | 68.1 | 69.2 | 69.9 | 69.9 | 70.2 |
| >=7000  | 31.7                       | 59.3 | 63.1 | 66.4 | 69.0 | 69.5 | 70.7 | 71.3 | 71.3 | 71.7 |
| >=6000  | 32.2                       | 60.1 | 63.9 | 67.3 | 69.9 | 70.4 | 71.6 | 72.3 | 72.3 | 72.7 |
| >=5000  | 34.0                       | 63.3 | 67.3 | 70.9 | 73.6 | 74.2 | 75.5 | 76.2 | 76.3 | 76.7 |
| >=4500  | 34.5                       | 64.3 | 68.4 | 72.1 | 74.9 | 75.4 | 76.8 | 77.5 | 77.6 | 78.0 |
| >=4000  | 36.4                       | 69.3 | 73.6 | 77.8 | 80.9 | 81.5 | 83.1 | 83.9 | 84.0 | 84.4 |
| >=3500  | 37.1                       | 70.9 | 75.3 | 79.5 | 82.7 | 83.4 | 85.1 | 85.9 | 85.9 | 86.4 |
| >=3000  | 38.2                       | 74.8 | 79.4 | 84.0 | 87.5 | 88.2 | 90.2 | 91.1 | 91.1 | 91.7 |
| >=2500  | 38.5                       | 75.7 | 80.4 | 85.2 | 88.9 | 89.6 | 91.7 | 92.6 | 92.6 | 93.2 |
| >=2000  | 38.9                       | 76.6 | 81.5 | 86.5 | 90.4 | 91.2 | 93.3 | 94.4 | 94.4 | 95.1 |
| >=1800  | 38.9                       | 76.6 | 81.5 | 86.6 | 90.4 | 91.2 | 93.4 | 94.4 | 94.4 | 95.1 |
| >=1500  | 39.2                       | 77.2 | 82.2 | 87.4 | 91.5 | 92.3 | 94.6 | 95.7 | 95.7 | 96.5 |
| >=1200  | 39.2                       | 77.2 | 82.3 | 87.4 | 91.6 | 92.4 | 94.8 | 95.9 | 95.9 | 96.8 |
| >=1000  | 39.3                       | 77.5 | 82.6 | 87.9 | 92.2 | 93.0 | 95.5 | 96.7 | 96.8 | 97.7 |
| >=900   | 39.3                       | 77.5 | 82.6 | 87.9 | 92.2 | 93.0 | 95.5 | 96.7 | 96.8 | 97.7 |
| >=800   | 39.3                       | 77.6 | 82.7 | 88.0 | 92.4 | 93.3 | 95.8 | 97.0 | 97.1 | 98.1 |
| >=700   | 39.4                       | 77.6 | 82.8 | 88.1 | 92.5 | 93.4 | 95.9 | 97.2 | 97.3 | 98.3 |
| >=600   | 39.4                       | 77.7 | 82.8 | 88.2 | 92.6 | 93.5 | 96.0 | 97.4 | 97.4 | 98.4 |
| >=500   | 39.4                       | 77.7 | 82.9 | 88.4 | 92.8 | 93.7 | 96.3 | 97.6 | 97.7 | 98.7 |
| >=400   | 39.4                       | 77.8 | 83.0 | 88.4 | 92.9 | 93.8 | 96.4 | 97.7 | 97.8 | 98.8 |
| >=300   | 39.4                       | 77.8 | 83.0 | 88.4 | 92.9 | 93.8 | 96.4 | 97.7 | 97.8 | 98.9 |
| >=200   | 39.4                       | 77.8 | 83.0 | 88.4 | 92.9 | 93.8 | 96.4 | 97.7 | 97.8 | 98.9 |
| >=100   | 39.4                       | 77.8 | 83.0 | 88.4 | 92.9 | 93.8 | 96.4 | 97.7 | 97.8 | 98.9 |
| >=0     | 39.4                       | 77.8 | 83.0 | 88.4 | 92.9 | 93.8 | 96.4 | 97.7 | 97.8 | 98.9 |

&gt;=0

&gt;=1/4

&gt;=5/16

&gt;=1/2

&gt;=5/8

&gt;=3/4

&gt;=1

&gt;=1/2

&gt;=1

&gt;=1/2

&gt;=3

&gt;=4

&gt;=5

&gt;=6

&gt;=10

&gt;=10

&gt;=10

&gt;=10

TOTAL NO. OF OBS : 8039



# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 0000 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |     |    |       |      |  |  | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|----|-------|------|--|--|------------|-----------------------|
|                | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |    |       |      |  |  |            |                       |
| N              | 2.4           | 6.5  | 8.9  | 10.6  | 2.9   | .3    | .6    | .0    | .0    | .0    | .0  | .0 | 32.3  | 10.6 |  |  |            |                       |
| NNE            | .6            | 2.0  | 5.5  | 7.0   | 2.0   | .3    | .1    | .0    | .0    | .0    | .0  | .0 | 17.6  | 11.3 |  |  |            |                       |
| NE             | .2            | 1.5  | 1.9  | 3.1   | .6    | .4    | .1    | .0    | .0    | .0    | .0  | .0 | 8.0   | 11.7 |  |  |            |                       |
| ENE            | .2            | .5   | .8   | .9    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | 2.5   | 9.1  |  |  |            |                       |
| E              | .5            | .8   | .5   | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | 2.3   | 6.7  |  |  |            |                       |
| ESE            | .0            | .2   | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .3    | 7.0  |  |  |            |                       |
| SE             | .2            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .2    | 2.5  |  |  |            |                       |
| SSE            | .6            | .0   | .0   | .0    | .0    | .0    | .1    | .0    | .0    | .0    | .0  | .0 | .8    | 6.1  |  |  |            |                       |
| S              | .3            | .2   | .2   | .0    | .1    | .3    | .0    | .0    | .0    | .0    | .0  | .0 | 1.2   | 11.3 |  |  |            |                       |
| SSW            | .3            | .6   | .8   | .4    | .2    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | 2.4   | 8.5  |  |  |            |                       |
| SW             | .1            | .2   | 1.1  | .2    | .2    | .3    | .0    | .0    | .0    | .0    | .0  | .0 | 2.2   | 11.8 |  |  |            |                       |
| WSW            | .1            | .5   | 1.4  | .8    | .8    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | 3.5   | 10.9 |  |  |            |                       |
| W              | .3            | .6   | .6   | .6    | .1    | .3    | .0    | .0    | .0    | .0    | .0  | .0 | 2.9   | 10.2 |  |  |            |                       |
| WNW            | .4            | 1.1  | .5   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | 2.2   | 6.0  |  |  |            |                       |
| NW             | .9            | 2.9  | 1.4  | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | 5.5   | 5.8  |  |  |            |                       |
| NNW            | 1.8           | 4.5  | 3.9  | 2.4   | .3    | .1    | .1    | .0    | .0    | .0    | .0  | .0 | 13.1  | 7.8  |  |  |            |                       |
| VAR            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0    | .0   |  |  |            |                       |
| CLM            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | 3.2   | .0   |  |  |            |                       |
| ALL            | 9.1           | 22.3 | 27.6 | 27.0  | 7.5   | 2.2   | 1.1   | .0    | .0    | .0    | .0  | .0 | 100.0 | 9.5  |  |  |            |                       |

TOTAL NO. OF OBS : 930

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 0300 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |      |      |  |  |  | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--|--|--|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |      |      |  |  |  |            |                       |
| N              | 2.1           | 6.0   | 11.8 | 6.6   | 4.0   | .4    | .1    | .1    | .0    | .0    | .0   | 33.2 | 10.2 |  |  |  |            |                       |
| NNE            | 1.0           | 2.3   | 5.4  | 7.4   | 3.0   | .3    | .2    | .0    | .0    | .0    | .0   | 19.5 | 11.8 |  |  |  |            |                       |
| NE             | .6            | 1.3   | 2.4  | 2.5   | .4    | .3    | .0    | .0    | .0    | .0    | .0   | 7.5  | 10.3 |  |  |  |            |                       |
| ENE            | .6            | .9    | 1.3  | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.9  | 6.1  |  |  |  |            |                       |
| E              | .1            | .2    | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6   | 7.0  |  |  |  |            |                       |
| ESE            | .2            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .2   | 3.0  |  |  |  |            |                       |
| SE             | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0   | .0   |  |  |  |            |                       |
| SSE            | .0            | .0    | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0   | .0   |  |  |  |            |                       |
| S              | .0            | .6    | .1   | .5    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .2   | 9.0  |  |  |  |            |                       |
| SSW            | .2            | .3    | .8   | .1    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 1.4  | 9.9  |  |  |  |            |                       |
| SW             | .2            | .2    | .8   | .5    | .1    | .0    | .0    | .0    | .1    | .0    | .0   | 1.6  | 8.5  |  |  |  |            |                       |
| WSW            | .0            | .4    | .8   | .9    | .4    | .1    | .0    | .0    | .0    | .0    | .0   | 1.9  | 11.2 |  |  |  |            |                       |
| W              | .1            | .6    | 1.0  | .3    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 2.6  | 12.6 |  |  |  |            |                       |
| WNW            | .4            | 1.4   | .8   | .1    | .0    | .0    | .1    | .0    | .0    | .0    | .0   | 2.4  | 10.0 |  |  |  |            |                       |
| NW             | 1.1           | 3.2   | .6   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.7  | 5.8  |  |  |  |            |                       |
| NNW            | 1.8           | 5.7   | 3.9  | 1.7   | .6    | .3    | .1    | .0    | .0    | .0    | .0   | 5.2  | 5.1  |  |  |  |            |                       |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 14.2 | 7.9  |  |  |  |            |                       |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0   | .0   |  |  |  |            |                       |
| ALL            | 8.6           | 23.2  | 29.8 | 23.2  | 8.9   | 1.7   | .5    | .1    | .1    | .0    | .0   | 3.9  | 9.3  |  |  |  |            |                       |

TOTAL NO. OF OBS : 931

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 0600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |      |      |      |       |       |       |       |       |       |       |     |    |    |    |    | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|----|----|----|----|------------|-----------------------|
|                | 1-2           | 3-4  | 5-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |    |    |    |    |            |                       |
| N              | 2.4           | 5.9  | 11.0 | 8.9  | 3.4   | 2     | .2    | .3    | .1    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 32.2       | 10.3                  |
| NNE            | .9            | 4.0  | 5.2  | 5.7  | 2.1   | 2.1   | .1    | .1    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 18.0       | 10.5                  |
| NE             | .5            | 1.3  | 2.5  | 3.5  | 1.0   | 1.0   | .1    | .2    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 9.1        | 11.2                  |
| ENE            | .6            | 1.0  | .5   | .4   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 2.7        | 6.6                   |
| E              | .3            | .4   | .1   | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 1.2        | 6.7                   |
| ESE            | .0            | .2   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | .2         | 4.5                   |
| SE             | .1            | .1   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | .2         | 3.5                   |
| SSE            | .0            | .1   | .0   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | .2         | 10.0                  |
| S              | .8            | .2   | .1   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 1.2        | 4.4                   |
| SSW            | .1            | .1   | .4   | .3   | .2    | .2    | .0    | .1    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 1.3        | 13.1                  |
| SW             | .0            | .1   | 1.0  | .3   | .2    | .2    | .1    | .2    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 1.9        | 13.5                  |
| *SW            | .1            | .2   | .9   | 1.1  | .8    | .8    | .2    | .0    | .1    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 3.3        | 14.4                  |
| W              | .4            | .5   | .2   | .4   | .1    | .2    | .1    | .1    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 1.9        | 9.8                   |
| *NW            | .8            | .8   | .3   | .0   | .2    | .2    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 2.0        | 5.7                   |
| NW             | 1.3           | 2.9  | 1.0  | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 5.6        | 5.5                   |
| NNW            | 1.6           | 5.6  | 3.9  | 1.7  | 1.2   | 1.2   | .6    | .1    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 14.7       | 8.6                   |
| VAR            | .0            | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | .0         | .0                    |
| CLM            | .0            | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | .0         | .0                    |
| LLL            | 9.9           | 23.4 | 27.0 | 23.4 | 9.3   | 9.3   | 1.5   | 1.2   | .2    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 100.0      | 9.4                   |

TOTAL NO. OF OBS : 931

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | SPEED (KNOTS) |   |      |   |      |      |       |       |       |       |       |       |       |      |       |      | TOTAL % | MEAN WIND SPEED |
|--------|---------------|---|------|---|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|---------|-----------------|
|        | DIR.          | 1 | -3   | 4 | -6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |      |         |                 |
| N      | 4.4           |   | 6.9  |   | 11.1 | 8.5  | 2.0   | 1.2   |       | 2     | .1    | .0    | .0    | .0   | 34.4  | 9.7  |         |                 |
| NNE    | 2.1           |   | 4.9  |   | 6.2  | 6.2  | 1.6   | .4    |       | .0    | .1    | .0    | .0    | .0   | 21.7  | 9.7  |         |                 |
| NE     | 1.1           |   | 3.1  |   | 3.3  | 3.7  | .3    | .2    |       | .0    | .0    | .0    | .0    | .0   | 11.7  | 9.1  |         |                 |
| ENE    | .8            |   | 1.4  |   | 1.5  | .4   | .0    | .0    |       | .0    | .0    | .0    | .0    | .0   | 4.1   | 6.4  |         |                 |
| E      | 1.2           |   | .8   |   | .3   | .0   | .0    | .0    |       | .0    | .0    | .0    | .0    | .0   | 2.3   | 3.7  |         |                 |
| ESE    | .9            |   | .3   |   | .0   | .0   | .0    | .0    |       | .0    | .0    | .0    | .0    | .0   | 1.2   | 2.5  |         |                 |
| SE     | .2            |   | .1   |   | .0   | .0   | .0    | .0    |       | .0    | .0    | .0    | .0    | .0   | .3    | 2.3  |         |                 |
| SSE    | .3            |   | .1   |   | .2   | .1   | .0    | .0    |       | .0    | .0    | .0    | .0    | .0   | .8    | 5.6  |         |                 |
| S      | .0            |   | .1   |   | .0   | .1   | .0    | .0    |       | .0    | .0    | .0    | .0    | .0   | .2    | 8.5  |         |                 |
| SSW    | .1            |   | .1   |   | .2   | .4   | .3    | .3    |       | .0    | .1    | .0    | .0    | .0   | 1.6   | 16.1 |         |                 |
| SW     | .1            |   | .1   |   | .5   | 1.0  | .4    | .2    |       | .0    | .0    | .0    | .0    | .0   | 2.4   | 13.6 |         |                 |
| WSW    | .2            |   | .1   |   | .4   | .9   | .3    | .2    |       | .1    | .0    | .0    | .0    | .0   | 2.3   | 14.0 |         |                 |
| W      | .1            |   | .2   |   | .3   | .9   | .6    | .0    |       | .0    | .0    | .0    | .0    | .0   | 2.1   | 13.0 |         |                 |
| WNW    | .1            |   | .5   |   | .5   | .0   | .0    | .0    |       | .0    | .0    | .0    | .0    | .0   | 1.2   | 6.9  |         |                 |
| NW     | .2            |   | .3   |   | .3   | .3   | .0    | .0    |       | .0    | .0    | .0    | .0    | .0   | 1.2   | 7.9  |         |                 |
| NNW    | 1.0           |   | 1.5  |   | 2.9  | 1.7  | 1.1   | .3    |       | .1    | .0    | .0    | .0    | .0   | 8.6   | 10.3 |         |                 |
| VAR    | .0            |   | .0   |   | .0   | .0   | .0    | .0    |       | .0    | .0    | .0    | .0    | .0   | .0    | .0   |         |                 |
| CLM    | .0            |   | .0   |   | .0   | .0   | .0    | .0    |       | .0    | .0    | .0    | .0    | .0   | 4.1   | .0   |         |                 |
| LLL    | 12.8          |   | 20.6 |   | 27.9 | 24.2 | 6.8   | 2.9   |       | .4    | .3    | .0    | .0    | .0   | 100.0 | 9.2  |         |                 |

TOTAL NO. OF OBS : 931

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |       | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |            |                       |
| N              | 1.0           | 1.6   | 6.2  | 4.9   | 1.8   | 1.1   | .0    | .0    | .0    | .0    | .0   | 16.6  | 11.5       |                       |
| NNE            | 1.1           | 3.9   | 5.4  | 3.8   | 1.5   | .6    | .0    | .0    | .0    | .0    | .0   | 16.2  | 9.9        |                       |
| NE             | 1.9           | 5.4   | 3.8  | 2.8   | .4    | .0    | .0    | .0    | .0    | .0    | .0   | 14.3  | 7.7        |                       |
| ENE            | 1.7           | 4.8   | 2.7  | .8    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 10.0  | 6.1        |                       |
| E              | 4.7           | 7.7   | 2.8  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 15.3  | 4.6        |                       |
| ESE            | 1.4           | 1.3   | .8   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.5   | 4.6        |                       |
| SE             | .4            | .8    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.3   | 4.4        |                       |
| SSE            | .3            | .1    | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 6.0        |                       |
| S              | .8            | .5    | .9   | .2    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 2.6   | 7.0        |                       |
| SSW            | .1            | .2    | .9   | .9    | .4    | .1    | .0    | .0    | .0    | .0    | .0   | 2.6   | 12.3       |                       |
| SW             | .1            | .1    | .8   | 1.0   | .5    | .2    | .2    | .0    | .0    | .0    | .0   | 2.9   | 14.5       |                       |
| WSW            | .0            | .2    | 1.0  | 1.0   | .8    | .8    | .1    | .0    | .0    | .0    | .0   | 3.8   | 15.3       |                       |
| W              | .1            | .6    | .9   | .8    | .5    | .0    | .1    | .0    | .0    | .0    | .0   | 3.0   | 11.6       |                       |
| WNW            | .0            | .1    | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    | 6.3        |                       |
| NW             | .2            | .2    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4    | 4.3        |                       |
| NNW            | .3            | .5    | .6   | 1.2   | .5    | .1    | .1    | .0    | .0    | .0    | .0   | 3.4   | 12.0       |                       |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |                       |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |                       |
| ALL            | 14.2          | 28.1  | 27.1 | 17.4  | 6.8   | 2.9   | .5    | .0    | .0    | .0    | .0   | 100.0 | 8.5        |                       |

TOTAL NO. OF OBS : 931

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |       | TOTAL<br>Σ | MEAN<br>WIND<br>SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|-----------------------|
|                | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |            |                       |
| N              | 1.5           | 1.1  | 3.1  | 4.1   | 2.1   | .6    | .1    | .0    | .0    | .0    | .0   | 12.7  | 11.8       |                       |
| NNE            | 1.3           | 2.4  | 3.9  | 3.7   | 1.4   | .2    | .0    | .1    | .0    | .0    | .0   | 12.9  | 10.3       |                       |
| NE             | 1.3           | 2.4  | 3.3  | 2.6   | .2    | .1    | .0    | .0    | .0    | .0    | .0   | 9.9   | 8.5        |                       |
| ENE            | 1.4           | 2.8  | 2.8  | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 7.5   | 6.5        |                       |
| E              | 3.4           | 7.3  | 3.7  | .6    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 15.0  | 5.4        |                       |
| ESE            | 1.7           | 1.5  | .1   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.5   | 4.1        |                       |
| SE             | .9            | .8   | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.9   | 4.6        |                       |
| SSE            | 1.0           | .3   | .5   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.9   | 5.0        |                       |
| S              | .6            | 1.7  | 2.3  | 1.2   | .3    | .1    | .0    | .0    | .0    | .0    | .0   | 6.2   | 8.7        |                       |
| SSW            | .3            | 1.6  | 3.1  | 1.7   | .1    | .3    | .1    | .0    | .0    | .0    | .0   | 7.3   | 9.5        |                       |
| SW             | .0            | 1.2  | 1.4  | 1.3   | .4    | .2    | .1    | .0    | .0    | .0    | .0   | 4.6   | 11.4       |                       |
| WSW            | .3            | .5   | 1.1  | 1.4   | 1.7   | .6    | .1    | .0    | .0    | .0    | .0   | 5.8   | 14.4       |                       |
| W              | .2            | .5   | .8   | .6    | .4    | .2    | .1    | .0    | .0    | .0    | .0   | 2.9   | 11.8       |                       |
| WNW            | .1            | .1   | .1   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .5    | 10.4       |                       |
| NW             | .0            | .2   | .2   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 9.1        |                       |
| NNW            | .1            | .3   | .4   | 1.0   | .4    | .0    | .2    | .0    | .0    | .0    | .0   | 2.5   | 13.4       |                       |
| VAR            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |                       |
| CLM            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |                       |
| ALL            | 14.2          | 24.7 | 27.1 | 19.4  | 7.3   | 2.5   | .8    | .1    | .0    | .0    | .0   | 100.0 | 8.7        |                       |

TOTAL NO. OF OBS : 931

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 1800 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1    | 2    | 3    | 4    | 5    | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN          |
|--------|------|------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------------|
| DIR.   | 1    | 2    | 3    | 4    | 5    | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     | WIND<br>SPEED |
| N      | 1.5  | 1.4  | 3.5  | 7.8  | 4.1  | .9  | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 19.4  | 13.0          |
| NNE    | .9   | .8   | 3.0  | 5.0  | 1.9  | .4  | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 12.1  | 12.4          |
| NE     | .9   | 1.6  | 4.0  | 1.7  | .8   | .2  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 9.2   | 9.7           |
| ENE    | 1.2  | 2.0  | 1.7  | 1.0  | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.9   | 6.6           |
| E      | 1.0  | 2.1  | 2.3  | 1.2  | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.6   | 6.9           |
| ESE    | 1.1  | .3   | .2   | .3   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.9   | 4.7           |
| SE     | .2   | .3   | .2   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 4.7           |
| SSE    | .6   | 1.0  | .3   | .0   | .1   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   | 4.8           |
| S      | 2.4  | 1.9  | 2.3  | .5   | .1   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 7.2   | 5.8           |
| SSW    | .9   | 1.9  | 1.6  | .8   | .3   | .1  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.7   | 7.9           |
| SW     | .6   | 1.8  | .6   | .9   | .6   | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.7   | 9.0           |
| WSW    | .1   | .4   | 1.0  | 1.9  | 1.0  | .3  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.4   | 13.1          |
| W      | .8   | .9   | .6   | 1.2  | 1.0  | .5  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.9   | 12.0          |
| WNW    | .3   | .0   | .2   | .1   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6    | 6.3           |
| NW     | .5   | .5   | .2   | .5   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.8   | 7.5           |
| NNW    | .6   | 1.0  | 1.0  | 1.7  | .8   | .1  | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.3   | 11.0          |
| VAR    | .0   | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0            |
| CLM    | .0   | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 7.3   | .0            |
| ALL    | 13.5 | 18.0 | 22.8 | 24.7 | 10.3 | 2.7 | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 100.0 | 9.2           |

TOTAL NO. OF OBS : 931

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 2100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |     |      |     |      |       |       |       |       |       |       |       |      |    |    |       | TOTAL<br>Σ | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-----|------|-----|------|-------|-------|-------|-------|-------|-------|-------|------|----|----|-------|------------|-----------------------|
|                | 1             | - 3 | 4    | - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |    |    |       |            |                       |
| N              | 1.0           |     | 3.4  |     | 7.8  | 11.3  | 3.7   | 1.2   | .4    |       | .0    | .0    | .0   | .0 | .0 | 28.8  | 12.1       |                       |
| NNE            | .9            |     | 1.6  |     | 4.2  | 5.7   | 1.8   | .8    | .1    |       | .0    | .0    | .0   | .0 | .0 | 15.0  | 11.9       |                       |
| NE             | .5            |     | 1.0  |     | 1.9  | 2.6   | .5    | .3    | .0    |       | .0    | .0    | .0   | .0 | .0 | 6.9   | 10.8       |                       |
| ENE            | .6            |     | 1.3  |     | 1.5  | .8    | .2    | .0    | .0    |       | .0    | .0    | .0   | .0 | .0 | 4.4   | 7.7        |                       |
| E              | 1.1           |     | 2.1  |     | 1.1  | .8    | .0    | .0    | .0    |       | .0    | .0    | .0   | .0 | .0 | 5.0   | 6.3        |                       |
| ESE            | .8            |     | .5   |     | .3   | .0    | .0    | .0    | .0    |       | .0    | .0    | .0   | .0 | .0 | 1.6   | 4.3        |                       |
| SE             | .3            |     | .5   |     | .0   | .0    | .0    | .0    | .0    |       | .0    | .0    | .0   | .0 | .0 | .9    | 4.0        |                       |
| SSE            | 1.4           |     | .4   |     | .0   | .0    | .0    | .0    | .0    |       | .0    | .0    | .0   | .0 | .0 | 1.8   | 2.7        |                       |
| S              | .5            |     | .8   |     | .6   | .2    | .2    | .0    | .0    |       | .0    | .0    | .0   | .0 | .0 | 2.4   | 7.1        |                       |
| SSW            | .3            |     | 1.6  |     | 1.2  | .3    | .2    | .0    | .0    |       | .0    | .0    | .0   | .0 | .0 | 3.7   | 7.6        |                       |
| SW             | .1            |     | .6   |     | .9   | .8    | .1    | .3    | .0    |       | .0    | .0    | .0   | .0 | .0 | 2.8   | 11.0       |                       |
| WSW            | .2            |     | .2   |     | 1.2  | 1.5   | .5    | .2    | .0    |       | .0    | .0    | .0   | .0 | .0 | 3.9   | 12.5       |                       |
| W              | .5            |     | .8   |     | 1.1  | .8    | .1    | .1    | .0    |       | .0    | .0    | .0   | .0 | .0 | 3.3   | 8.9        |                       |
| WNW            | .2            |     | 1.4  |     | .6   | .2    | .0    | .0    | .0    |       | .0    | .0    | .0   | .0 | .0 | 2.5   | 6.3        |                       |
| NW             | .6            |     | 1.5  |     | .5   | .3    | .0    | .0    | .0    |       | .0    | .0    | .0   | .0 | .0 | 3.0   | 5.8        |                       |
| NNW            | .5            |     | 2.5  |     | 2.9  | 2.5   | .9    | .1    | .1    |       | .0    | .0    | .0   | .0 | .0 | 9.5   | 9.8        |                       |
| VAR            | .0            |     | .0   |     | .0   | .0    | .0    | .0    | .0    |       | .0    | .0    | .0   | .0 | .0 | .0    | .0         |                       |
| CLM            | .0            |     | .0   |     | .0   | .0    | .0    | .0    | .0    |       | .0    | .0    | .0   | .0 | .0 | 4.6   | .0         |                       |
| ALL            | 9.7           |     | 20.3 |     | 25.9 | 27.6  | 8.3   | 3.0   | .6    |       | .0    | .0    | .0   | .0 | .0 | 100.0 | 9.6        |                       |

TOTAL NO. OF OBS : 931

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |     |    |    |    |    | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|----|----|----|----|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |    |    |    |    |            |                       |
| N              | 2.0           | 4.1   | 7.9  | 8.1   | 3.0   | .7    | .3    | .0*   | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 26.2       | 10.9                  |
| NNE            | 1.1           | 2.7   | 4.8  | 5.6   | 1.9   | .4    | .1    | .0*   | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 16.7       | 10.9                  |
| NE             | .9            | 2.2   | 2.9  | 2.8   | .5    | .2    | .1    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 9.6        | 9.6                   |
| ENE            | .9            | 1.8   | 1.6  | .6    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 5.0        | 6.7                   |
| E              | 1.5           | 2.7   | 1.4  | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 6.0        | 5.5                   |
| ESE            | .8            | .6    | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 1.6        | 4.3                   |
| SE             | .3            | .3    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | .7         | 4.2                   |
| SSE            | .5            | .3    | .2   | .1    | .0*   | .0    | .0*   | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 1.1        | 4.9                   |
| S              | .7            | .8    | .8   | .4    | .1    | .1    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 2.8        | 7.4                   |
| SSW            | .3            | .8    | 1.1  | .6    | .2    | .1    | .0*   | .0*   | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 3.3        | 9.6                   |
| SW             | .2            | .6    | .9   | .7    | .3    | .2    | .1    | .0    | .0*   | .0    | .0  | .0 | .0 | .0 | .0 | 2.9        | 11.7                  |
| WSW            | .1            | .3    | 1.0  | 1.2   | .7    | .3    | .0*   | .0*   | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 3.7        | 13.5                  |
| W              | .3            | .6    | .7   | .7    | .4    | .2    | .1    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 2.9        | 11.0                  |
| WNW            | .3            | .7    | .4   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 1.5        | 6.3                   |
| NW             | .6            | 1.5   | .5   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 2.9        | 5.9                   |
| NNW            | 1.0           | 2.7   | 2.4  | 1.7   | .7    | .2    | .1    | .0*   | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 8.9        | 9.2                   |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | .0         | .0                    |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 4.3        | .0                    |
| ALL            | 11.5          | 22.6  | 26.9 | 23.4  | 9.2   | 2.4   | .7    | .1    | .0*   | .0    | .0  | .0 | .0 | .0 | .0 | 100.0      | 9.2                   |

TOTAL NO. OF OBS : 7447

NOTES :  
 \* = PERCENT < .05

# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 0000 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
|         | >=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   |
| UNLIMIT | 23.3                       | 41.2 | 44.1 | 46.6 | 49.2 | 49.3    | 50.3 | 50.4    | 50.4    | 51.0 | 51.1  | 51.1  | 51.2  | 51.2   | 51.2  | 51.2  |
| >=20000 | 23.6                       | 42.0 | 44.9 | 47.5 | 50.2 | 50.3    | 51.4 | 51.5    | 51.5    | 52.2 | 52.3  | 52.3  | 52.4  | 52.4   | 52.4  | 52.4  |
| >=18000 | 23.6                       | 42.1 | 45.0 | 47.6 | 50.3 | 50.4    | 51.5 | 51.6    | 51.6    | 52.3 | 52.4  | 52.4  | 52.5  | 52.5   | 52.5  | 52.5  |
| >=16000 | 23.7                       | 42.2 | 45.1 | 47.7 | 50.4 | 50.5    | 51.6 | 51.8    | 51.8    | 52.4 | 52.5  | 52.5  | 52.6  | 52.6   | 52.6  | 52.6  |
| >=14000 | 23.9                       | 42.3 | 45.2 | 47.8 | 50.5 | 50.7    | 51.8 | 51.9    | 51.9    | 52.5 | 52.6  | 52.6  | 52.7  | 52.7   | 52.7  | 52.7  |
| >=12000 | 24.2                       | 42.8 | 45.7 | 48.4 | 51.1 | 51.2    | 52.3 | 52.4    | 52.4    | 53.1 | 53.2  | 53.2  | 53.3  | 53.3   | 53.3  | 53.3  |
| >=10000 | 25.4                       | 46.1 | 49.2 | 52.2 | 54.9 | 55.0    | 56.1 | 56.3    | 56.3    | 57.0 | 57.1  | 57.1  | 57.2  | 57.2   | 57.2  | 57.2  |
| >= 9000 | 25.5                       | 46.5 | 49.7 | 52.8 | 55.6 | 55.7    | 56.8 | 57.0    | 57.0    | 57.7 | 57.8  | 57.8  | 57.9  | 57.9   | 57.9  | 57.9  |
| >= 8000 | 26.8                       | 50.2 | 53.4 | 56.6 | 59.5 | 59.8    | 61.1 | 61.3    | 61.3    | 61.9 | 62.0  | 62.0  | 62.3  | 62.3   | 62.3  | 62.3  |
| >= 7000 | 27.6                       | 51.4 | 54.6 | 57.8 | 60.7 | 61.1    | 62.4 | 62.6    | 62.6    | 63.2 | 63.3  | 63.3  | 63.6  | 63.6   | 63.6  | 63.6  |
| >= 6000 | 28.6                       | 52.6 | 55.8 | 59.0 | 61.9 | 62.3    | 63.7 | 63.9    | 63.9    | 64.6 | 64.7  | 64.7  | 64.9  | 64.9   | 64.9  | 64.9  |
| >= 5000 | 31.4                       | 56.7 | 60.1 | 63.6 | 66.8 | 67.2    | 68.6 | 68.8    | 68.8    | 69.5 | 69.6  | 69.6  | 69.8  | 69.8   | 69.8  | 69.8  |
| >= 4500 | 31.8                       | 57.5 | 60.9 | 64.4 | 67.7 | 68.2    | 69.6 | 69.8    | 69.8    | 70.5 | 70.6  | 70.6  | 70.8  | 70.8   | 70.8  | 70.8  |
| >= 4000 | 34.7                       | 64.2 | 67.7 | 71.3 | 74.9 | 75.5    | 77.0 | 77.4    | 77.4    | 78.0 | 78.2  | 78.2  | 78.4  | 78.4   | 78.4  | 78.4  |
| >= 3500 | 35.6                       | 66.0 | 69.7 | 73.4 | 77.1 | 77.7    | 79.3 | 79.6    | 79.6    | 80.3 | 80.5  | 80.5  | 80.7  | 80.7   | 80.7  | 80.7  |
| >= 3000 | 36.9                       | 71.3 | 75.5 | 79.8 | 83.7 | 84.4    | 86.1 | 86.4    | 86.4    | 87.1 | 87.3  | 87.3  | 87.5  | 87.5   | 87.5  | 87.5  |
| >= 2500 | 37.1                       | 72.2 | 76.4 | 80.9 | 84.8 | 85.4    | 87.2 | 87.5    | 87.5    | 88.2 | 88.4  | 88.4  | 88.6  | 88.6   | 88.6  | 88.6  |
| >= 2000 | 37.3                       | 73.4 | 77.8 | 82.5 | 86.8 | 87.5    | 89.7 | 90.0    | 90.0    | 91.0 | 91.2  | 91.2  | 91.5  | 91.5   | 91.5  | 91.5  |
| >= 1800 | 37.3                       | 73.4 | 77.8 | 82.5 | 86.8 | 87.5    | 89.7 | 90.0    | 90.0    | 91.0 | 91.2  | 91.2  | 91.5  | 91.5   | 91.5  | 91.5  |
| >= 1500 | 37.4                       | 73.9 | 78.3 | 83.4 | 87.9 | 88.6    | 90.9 | 91.4    | 91.4    | 92.3 | 92.7  | 92.7  | 93.1  | 93.1   | 93.1  | 93.1  |
| >= 1200 | 37.4                       | 74.1 | 78.6 | 83.7 | 88.2 | 89.1    | 91.4 | 91.8    | 91.8    | 92.8 | 93.1  | 93.1  | 93.5  | 93.5   | 93.5  | 93.5  |
| >= 1000 | 37.4                       | 75.2 | 79.8 | 85.1 | 90.2 | 91.0    | 93.5 | 94.6    | 94.7    | 96.1 | 96.4  | 96.4  | 96.9  | 96.9   | 96.9  | 96.9  |
| >= 900  | 37.4                       | 75.2 | 79.8 | 85.1 | 90.2 | 91.0    | 93.5 | 94.6    | 94.7    | 96.1 | 96.4  | 96.4  | 96.9  | 96.9   | 96.9  | 96.9  |
| >= 800  | 37.5                       | 75.3 | 79.9 | 85.3 | 90.8 | 91.7    | 94.5 | 95.4    | 95.5    | 96.9 | 97.4  | 97.4  | 98.0  | 98.0   | 98.1  | 98.1  |
| >= 700  | 37.5                       | 75.3 | 79.9 | 85.3 | 90.8 | 91.7    | 94.6 | 95.5    | 95.6    | 97.0 | 97.5  | 97.5  | 98.2  | 98.2   | 98.4  | 98.4  |
| >= 600  | 37.5                       | 75.3 | 79.9 | 85.3 | 90.8 | 91.7    | 94.6 | 95.5    | 95.6    | 97.2 | 97.6  | 97.6  | 98.5  | 98.5   | 98.6  | 98.6  |
| >= 500  | 37.5                       | 75.5 | 80.2 | 85.7 | 91.1 | 92.0    | 95.0 | 96.0    | 96.1    | 97.6 | 98.0  | 98.0  | 99.1  | 99.1   | 99.2  | 99.3  |
| >= 400  | 37.5                       | 75.5 | 80.2 | 85.7 | 91.1 | 92.0    | 95.1 | 96.1    | 96.2    | 97.8 | 98.2  | 98.2  | 99.2  | 99.3   | 99.5  | 99.6  |
| >= 300  | 37.5                       | 75.5 | 80.2 | 85.7 | 91.1 | 92.0    | 95.2 | 96.2    | 96.3    | 97.9 | 98.5  | 98.5  | 99.5  | 99.6   | 99.7  | 99.8  |
| >= 200  | 37.5                       | 75.5 | 80.2 | 85.7 | 91.1 | 92.0    | 95.2 | 96.2    | 96.3    | 97.9 | 98.5  | 98.5  | 99.5  | 99.6   | 99.7  | 99.8  |
| >= 100  | 37.5                       | 75.5 | 80.2 | 85.7 | 91.1 | 92.0    | 95.2 | 96.2    | 96.3    | 97.9 | 98.5  | 98.5  | 99.5  | 99.6   | 99.8  | 100.0 |
| >= 0    | 37.5                       | 75.5 | 80.2 | 85.7 | 91.1 | 92.0    | 95.2 | 96.2    | 96.3    | 97.9 | 98.5  | 98.5  | 99.5  | 99.6   | 99.8  | 100.0 |

TOTAL NO. OF OBS : 914

# C - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 0300 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |         |         |         |      |
|---------|----------------------------|------|------|------|------|---------|---------|---------|---------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2 1/2 | >=1 1/2 | >=1 1/4 | >=1  |
| UNLIMIT | 22.2                       | 40.9 | 43.7 | 46.4 | 49.0 | 49.6    | 50.5    | 50.8    | 50.8    | 51.1 |
| >=20000 | 22.8                       | 42.2 | 45.5 | 48.3 | 51.0 | 51.7    | 52.6    | 52.9    | 52.9    | 53.2 |
| >=18000 | 22.8                       | 42.2 | 45.5 | 48.3 | 51.0 | 51.7    | 52.6    | 52.9    | 52.9    | 53.2 |
| >=16000 | 22.8                       | 42.2 | 45.5 | 48.4 | 51.1 | 51.8    | 52.7    | 53.0    | 53.0    | 53.3 |
| >=14000 | 22.8                       | 42.3 | 45.6 | 48.5 | 51.3 | 51.9    | 52.8    | 53.1    | 53.1    | 53.4 |
| >=12000 | 23.0                       | 42.8 | 46.2 | 49.2 | 51.9 | 52.6    | 53.4    | 53.8    | 54.1    | 54.1 |
| >=10000 | 23.5                       | 44.0 | 47.8 | 50.9 | 53.9 | 54.5    | 55.5    | 56.0    | 56.4    | 56.4 |
| >= 9000 | 23.5                       | 44.3 | 48.0 | 51.1 | 54.1 | 54.8    | 55.7    | 56.2    | 56.6    | 56.6 |
| >= 8000 | 25.0                       | 47.0 | 50.9 | 54.3 | 57.4 | 58.1    | 59.5    | 60.0    | 60.4    | 60.5 |
| >= 7000 | 25.8                       | 48.2 | 52.2 | 55.6 | 58.7 | 59.5    | 60.8    | 61.3    | 61.7    | 61.9 |
| >= 6000 | 26.1                       | 48.7 | 52.9 | 56.3 | 59.5 | 60.2    | 61.6    | 62.2    | 62.6    | 62.7 |
| >= 5000 | 28.6                       | 53.3 | 57.7 | 61.2 | 64.8 | 65.6    | 67.0    | 67.5    | 68.0    | 68.1 |
| >= 4500 | 29.1                       | 54.5 | 58.9 | 62.4 | 66.0 | 66.8    | 68.2    | 68.7    | 69.2    | 69.3 |
| >= 4000 | 33.6                       | 62.0 | 66.6 | 70.3 | 74.4 | 75.2    | 76.7    | 77.3    | 77.8    | 77.9 |
| >= 3500 | 34.1                       | 63.6 | 68.2 | 72.3 | 76.5 | 77.4    | 78.9    | 79.5    | 80.0    | 80.1 |
| >= 3000 | 36.0                       | 69.4 | 74.5 | 79.2 | 83.8 | 84.7    | 86.4    | 87.0    | 87.7    | 87.9 |
| >= 2500 | 36.6                       | 70.7 | 75.8 | 80.7 | 85.4 | 86.3    | 88.3    | 88.9    | 89.5    | 89.7 |
| >= 2000 | 36.7                       | 71.9 | 77.2 | 82.2 | 87.2 | 88.2    | 90.5    | 91.1    | 91.9    | 92.1 |
| >= 1800 | 36.7                       | 71.9 | 77.2 | 82.2 | 87.2 | 88.2    | 90.5    | 91.1    | 91.9    | 92.1 |
| >= 1500 | 36.9                       | 72.3 | 77.7 | 82.8 | 87.9 | 89.1    | 91.8    | 92.7    | 93.4    | 93.8 |
| >= 1200 | 37.0                       | 72.6 | 78.0 | 83.3 | 88.3 | 89.5    | 92.2    | 93.2    | 94.1    | 94.4 |
| >= 1000 | 37.0                       | 73.2 | 79.1 | 84.8 | 90.1 | 91.7    | 94.5    | 95.5    | 96.6    | 97.0 |
| >= 900  | 37.0                       | 73.2 | 79.1 | 84.8 | 90.1 | 91.7    | 94.5    | 95.5    | 96.6    | 97.0 |
| >= 800  | 37.0                       | 73.4 | 79.3 | 85.0 | 90.4 | 92.0    | 95.0    | 96.1    | 97.3    | 97.8 |
| >= 700  | 37.0                       | 73.4 | 79.3 | 85.0 | 90.5 | 92.1    | 95.2    | 96.4    | 97.6    | 98.1 |
| >= 600  | 37.0                       | 73.4 | 79.3 | 85.0 | 90.6 | 92.2    | 95.3    | 96.5    | 97.8    | 98.4 |
| >= 500  | 37.0                       | 73.6 | 79.5 | 85.2 | 90.8 | 92.5    | 95.6    | 96.9    | 98.3    | 98.8 |
| >= 400  | 37.0                       | 73.6 | 79.5 | 85.2 | 90.8 | 92.5    | 95.6    | 96.9    | 98.3    | 98.8 |
| >= 300  | 37.0                       | 73.6 | 79.5 | 85.2 | 90.8 | 92.5    | 95.6    | 96.9    | 98.4    | 99.1 |
| >= 200  | 37.0                       | 73.6 | 79.5 | 85.2 | 90.8 | 92.5    | 95.6    | 96.9    | 98.4    | 99.1 |
| >= 100  | 37.0                       | 73.6 | 79.5 | 85.2 | 90.8 | 92.5    | 95.6    | 96.9    | 98.5    | 99.2 |
| >= 0    | 37.0                       | 73.6 | 79.5 | 85.2 | 90.8 | 92.5    | 95.6    | 96.9    | 98.5    | 99.2 |

TOTAL NO. OF OBS : 915

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 0600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 20.8                       | 40.2 | 42.8 | 45.1 | 46.8 | 47.3 | 48.6 | 49.2 | 49.2 | 49.3 |
| >=20000 | 21.0                       | 41.4 | 44.1 | 46.7 | 48.5 | 48.9 | 50.2 | 50.9 | 50.9 | 51.0 |
| >=18000 | 21.0                       | 41.4 | 44.1 | 46.8 | 48.6 | 49.0 | 50.3 | 51.0 | 51.0 | 51.1 |
| >=16000 | 21.1                       | 41.5 | 44.2 | 46.9 | 48.7 | 49.1 | 50.4 | 51.1 | 51.1 | 51.2 |
| >=14000 | 21.2                       | 41.7 | 44.4 | 47.2 | 48.9 | 49.5 | 50.8 | 51.4 | 51.4 | 51.5 |
| >=12000 | 21.7                       | 42.3 | 45.0 | 47.7 | 49.5 | 50.1 | 51.4 | 52.1 | 52.1 | 52.2 |
| >=10000 | 22.9                       | 44.3 | 47.1 | 50.1 | 51.9 | 52.5 | 53.9 | 54.6 | 54.6 | 54.7 |
| >= 9000 | 22.9                       | 44.4 | 47.2 | 50.2 | 52.0 | 52.6 | 54.0 | 54.7 | 54.7 | 54.8 |
| >= 8000 | 24.3                       | 46.9 | 49.8 | 53.2 | 55.6 | 56.3 | 57.8 | 58.5 | 58.5 | 58.7 |
| >= 7000 | 24.9                       | 48.4 | 51.3 | 54.9 | 57.4 | 58.2 | 59.7 | 60.3 | 60.3 | 60.6 |
| >= 6000 | 25.1                       | 48.7 | 51.6 | 55.3 | 57.8 | 58.6 | 60.2 | 60.9 | 60.9 | 61.1 |
| >= 5000 | 28.0                       | 52.8 | 56.1 | 59.8 | 62.3 | 63.1 | 64.7 | 65.5 | 65.5 | 65.7 |
| >= 4500 | 28.4                       | 53.8 | 57.2 | 61.0 | 63.7 | 64.5 | 66.1 | 66.9 | 66.9 | 67.1 |
| >= 4000 | 32.5                       | 60.5 | 64.3 | 67.1 | 71.5 | 72.2 | 74.0 | 74.7 | 74.7 | 74.9 |
| >= 3500 | 33.4                       | 63.2 | 67.1 | 71.1 | 74.3 | 75.2 | 77.0 | 77.8 | 77.8 | 78.0 |
| >= 3000 | 35.3                       | 69.9 | 74.5 | 79.2 | 82.7 | 83.7 | 85.8 | 86.6 | 86.6 | 86.8 |
| >= 2500 | 36.2                       | 71.4 | 76.1 | 81.2 | 84.6 | 85.6 | 87.8 | 88.6 | 88.6 | 88.8 |
| >= 2000 | 36.7                       | 72.3 | 77.2 | 82.6 | 86.8 | 87.8 | 90.1 | 91.2 | 91.2 | 91.6 |
| >= 1800 | 36.7                       | 72.3 | 77.2 | 82.6 | 86.8 | 87.8 | 90.1 | 91.2 | 91.2 | 91.6 |
| >= 1500 | 37.1                       | 73.2 | 78.2 | 83.7 | 88.3 | 89.4 | 91.9 | 93.2 | 93.2 | 93.9 |
| >= 1200 | 37.1                       | 73.4 | 78.4 | 84.0 | 88.7 | 89.9 | 92.4 | 93.7 | 93.7 | 94.4 |
| >= 1000 | 37.1                       | 73.9 | 79.3 | 85.1 | 90.1 | 91.3 | 93.8 | 95.3 | 95.3 | 96.4 |
| >= 900  | 37.1                       | 74.0 | 79.4 | 85.3 | 90.5 | 91.7 | 94.2 | 96.0 | 96.0 | 96.5 |
| >= 800  | 37.3                       | 74.2 | 79.6 | 85.5 | 90.7 | 92.0 | 94.6 | 96.3 | 96.4 | 97.7 |
| >= 700  | 37.4                       | 74.2 | 79.6 | 85.5 | 91.0 | 92.3 | 94.8 | 96.5 | 96.7 | 98.0 |
| >= 600  | 37.4                       | 74.2 | 79.7 | 85.6 | 91.2 | 92.5 | 95.0 | 96.7 | 96.9 | 98.3 |
| >= 500  | 37.4                       | 74.2 | 79.7 | 85.6 | 91.3 | 92.6 | 95.1 | 96.8 | 97.1 | 98.4 |
| >= 400  | 37.4                       | 74.2 | 79.7 | 85.6 | 91.3 | 92.6 | 95.1 | 96.8 | 97.1 | 98.4 |
| >= 300  | 37.4                       | 74.2 | 79.7 | 85.6 | 91.3 | 92.6 | 95.1 | 96.8 | 97.1 | 98.4 |
| >= 200  | 37.4                       | 74.2 | 79.7 | 85.6 | 91.3 | 92.6 | 95.1 | 96.8 | 97.1 | 98.4 |
| >= 100  | 37.4                       | 74.2 | 79.7 | 85.6 | 91.3 | 92.6 | 95.1 | 96.8 | 97.1 | 98.4 |
| >= 0    | 37.4                       | 74.2 | 79.7 | 85.6 | 91.3 | 92.6 | 95.1 | 96.8 | 97.1 | 98.4 |

&gt;=1/4

&gt;=1/2

&gt;=5/8

&gt;=3/4

&gt;=5/16

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&gt;=5/8

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&gt;=1/2

&gt;=5/8

TOTAL NO. OF OBS : 918

# C - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 |
| UNLIMIT | 13.9                       | 33.6 | 37.9 | 42.1 | 45.1 | 46.0 | 48.7 | 49.8 | 49.8 | 50.5 | 50.7 | 50.7 | 50.7  | 50.7  | 50.8  | 50.8   |
| >=20000 | 14.4                       | 34.9 | 39.3 | 43.9 | 46.9 | 47.8 | 50.5 | 51.8 | 51.9 | 52.6 | 52.8 | 52.8 | 52.8  | 52.8  | 53.0  | 53.0   |
| >=18000 | 14.4                       | 34.9 | 39.3 | 43.9 | 46.9 | 47.8 | 50.5 | 51.8 | 51.9 | 52.6 | 52.8 | 52.8 | 52.8  | 52.8  | 53.0  | 53.0   |
| >=16000 | 14.4                       | 34.9 | 39.3 | 43.9 | 46.9 | 47.8 | 50.5 | 51.8 | 51.9 | 52.6 | 52.8 | 52.8 | 52.8  | 52.8  | 53.0  | 53.0   |
| >=14000 | 14.6                       | 35.2 | 39.7 | 44.3 | 47.6 | 48.5 | 51.2 | 52.4 | 52.5 | 53.3 | 53.5 | 53.5 | 53.5  | 53.5  | 53.6  | 53.6   |
| >=12000 | 14.6                       | 35.2 | 39.7 | 44.4 | 47.9 | 48.8 | 51.6 | 52.8 | 53.0 | 53.7 | 53.9 | 53.9 | 53.9  | 53.9  | 54.0  | 54.0   |
| >=10000 | 15.4                       | 37.0 | 41.7 | 46.4 | 49.9 | 50.9 | 53.8 | 55.3 | 55.4 | 56.2 | 56.5 | 56.5 | 56.5  | 56.5  | 56.6  | 56.6   |
| >= 9000 | 15.5                       | 37.3 | 42.2 | 47.3 | 51.0 | 52.0 | 55.0 | 56.5 | 56.6 | 57.4 | 57.7 | 57.7 | 57.7  | 57.7  | 57.8  | 57.8   |
| >= 8000 | 16.1                       | 39.7 | 45.2 | 50.9 | 54.7 | 55.7 | 59.0 | 60.6 | 60.7 | 61.6 | 61.8 | 61.8 | 61.8  | 61.8  | 61.9  | 61.9   |
| >= 7000 | 16.8                       | 40.9 | 46.4 | 52.1 | 55.9 | 56.9 | 60.2 | 61.9 | 62.0 | 63.0 | 63.2 | 63.2 | 63.2  | 63.2  | 63.3  | 63.3   |
| >= 6000 | 17.2                       | 41.6 | 47.3 | 53.1 | 57.1 | 58.1 | 61.4 | 63.1 | 63.2 | 64.2 | 64.4 | 64.4 | 64.4  | 64.4  | 64.6  | 64.6   |
| >= 5000 | 18.6                       | 45.1 | 50.8 | 57.2 | 61.6 | 62.6 | 66.1 | 67.8 | 68.1 | 69.1 | 69.4 | 69.4 | 69.4  | 69.4  | 69.5  | 69.5   |
| >= 4500 | 19.1                       | 46.5 | 52.3 | 58.9 | 63.2 | 64.3 | 67.9 | 69.7 | 69.9 | 71.0 | 71.2 | 71.2 | 71.2  | 71.2  | 71.3  | 71.3   |
| >= 4000 | 20.9                       | 51.2 | 57.7 | 64.9 | 69.9 | 71.2 | 74.9 | 76.8 | 77.0 | 78.1 | 78.3 | 78.3 | 78.3  | 78.3  | 78.4  | 78.4   |
| >= 3500 | 21.7                       | 52.8 | 59.3 | 67.0 | 72.2 | 73.5 | 77.2 | 79.2 | 79.4 | 80.5 | 80.7 | 80.7 | 80.7  | 80.7  | 80.9  | 80.9   |
| >= 3000 | 23.2                       | 56.7 | 63.7 | 71.7 | 77.1 | 78.8 | 82.5 | 84.9 | 85.1 | 86.5 | 86.8 | 86.8 | 86.8  | 86.8  | 86.9  | 86.9   |
| >= 2500 | 23.3                       | 57.2 | 64.3 | 72.8 | 78.3 | 80.0 | 83.9 | 86.5 | 86.8 | 88.2 | 88.4 | 88.5 | 88.5  | 88.5  | 88.6  | 88.6   |
| >= 2000 | 23.6                       | 58.1 | 65.3 | 74.1 | 80.1 | 81.8 | 86.2 | 88.9 | 89.2 | 90.9 | 91.1 | 91.2 | 91.2  | 91.2  | 91.4  | 91.4   |
| >= 1800 | 23.6                       | 58.1 | 65.3 | 74.1 | 80.1 | 81.8 | 86.2 | 88.9 | 89.2 | 90.9 | 91.1 | 91.2 | 91.2  | 91.2  | 91.4  | 91.4   |
| >= 1500 | 23.7                       | 58.4 | 65.9 | 74.9 | 81.0 | 82.7 | 87.2 | 90.2 | 90.4 | 92.1 | 92.3 | 92.5 | 92.7  | 92.7  | 92.7  | 92.7   |
| >= 1200 | 23.9                       | 58.6 | 66.1 | 75.2 | 81.2 | 82.9 | 87.4 | 90.4 | 90.6 | 92.3 | 92.6 | 92.9 | 92.9  | 92.9  | 93.0  | 93.0   |
| >= 1000 | 23.9                       | 59.1 | 66.7 | 76.0 | 82.5 | 84.2 | 88.8 | 92.1 | 92.3 | 94.4 | 94.7 | 94.9 | 95.1  | 95.2  | 95.3  | 95.3   |
| >= 900  | 23.9                       | 59.1 | 66.7 | 76.0 | 82.5 | 84.2 | 88.8 | 92.1 | 92.3 | 94.5 | 94.9 | 95.0 | 95.2  | 95.3  | 95.4  | 95.4   |
| >= 800  | 23.9                       | 59.3 | 67.1 | 76.4 | 83.0 | 84.8 | 89.6 | 93.1 | 93.3 | 95.6 | 96.0 | 96.1 | 96.4  | 96.5  | 96.5  | 96.6   |
| >= 700  | 24.0                       | 59.5 | 67.3 | 76.8 | 83.6 | 85.3 | 90.3 | 93.9 | 94.1 | 96.4 | 96.7 | 96.8 | 97.2  | 97.3  | 97.4  | 97.4   |
| >= 600  | 24.0                       | 59.5 | 67.4 | 76.9 | 83.7 | 85.6 | 90.5 | 94.1 | 94.3 | 96.6 | 96.9 | 97.0 | 97.5  | 97.6  | 97.6  | 97.7   |
| >= 500  | 24.0                       | 59.5 | 67.4 | 76.9 | 83.9 | 85.8 | 90.8 | 94.6 | 94.9 | 97.2 | 97.6 | 97.7 | 98.4  | 98.5  | 98.5  | 98.6   |
| >= 400  | 24.0                       | 59.5 | 67.4 | 76.9 | 83.9 | 85.8 | 90.9 | 94.7 | 95.0 | 97.3 | 97.7 | 97.8 | 98.9  | 99.0  | 99.0  | 99.1   |
| >= 300  | 24.0                       | 59.5 | 67.4 | 76.9 | 83.9 | 85.8 | 90.9 | 94.7 | 95.0 | 97.4 | 97.8 | 97.9 | 99.0  | 99.1  | 99.3  | 99.5   |
| >= 200  | 24.0                       | 59.5 | 67.4 | 76.9 | 83.9 | 85.8 | 90.9 | 94.7 | 95.0 | 97.4 | 97.9 | 98.0 | 99.2  | 99.3  | 99.7  | 99.8   |
| >= 100  | 24.0                       | 59.5 | 67.4 | 76.9 | 83.9 | 85.8 | 90.9 | 94.7 | 95.0 | 97.4 | 97.9 | 98.0 | 99.2  | 99.3  | 99.7  | 99.9   |
| >= 0    | 24.0                       | 59.5 | 67.4 | 76.9 | 83.9 | 85.8 | 90.9 | 94.7 | 95.0 | 97.4 | 97.9 | 98.0 | 99.2  | 99.3  | 99.8  | 100.0  |

TOTAL NO. OF OBS : 914

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 1200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 |
| UNLIMIT | 17.4                       | 38.2 | 42.5 | 45.5 | 47.6 | 48.1 | 50.2 | 51.1 | 51.1 | 51.1 | 51.8 | 51.8 | 51.8 | 51.8  | 51.8  | 51.8  |
| >=20000 | 18.5                       | 41.2 | 46.0 | 49.2 | 51.4 | 52.2 | 54.4 | 55.3 | 55.3 | 55.3 | 56.1 | 56.1 | 56.2 | 56.2  | 56.2  | 56.2  |
| >=18000 | 18.5                       | 41.3 | 46.1 | 49.3 | 51.5 | 52.3 | 54.5 | 55.4 | 55.4 | 55.4 | 56.2 | 56.2 | 56.3 | 56.3  | 56.3  | 56.3  |
| >=16000 | 18.5                       | 41.3 | 46.1 | 49.3 | 51.5 | 52.3 | 54.5 | 55.5 | 55.5 | 55.5 | 56.3 | 56.3 | 56.4 | 56.4  | 56.4  | 56.4  |
| >=14000 | 18.5                       | 41.6 | 46.6 | 49.8 | 52.0 | 52.8 | 55.1 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 | 56.9 | 56.9  | 56.9  | 56.9  |
| >=12000 | 18.6                       | 42.1 | 47.2 | 50.7 | 52.9 | 53.6 | 56.2 | 57.3 | 57.3 | 57.3 | 58.0 | 58.0 | 58.1 | 58.1  | 58.1  | 58.1  |
| >=10000 | 19.2                       | 43.8 | 49.3 | 53.1 | 55.4 | 56.4 | 58.9 | 60.0 | 60.0 | 60.0 | 61.1 | 61.1 | 61.3 | 61.3  | 61.3  | 61.3  |
| >=9000  | 19.4                       | 44.3 | 49.8 | 53.5 | 56.1 | 57.0 | 59.6 | 60.7 | 60.7 | 60.7 | 61.8 | 61.8 | 62.0 | 62.0  | 62.0  | 62.0  |
| >=8000  | 20.3                       | 46.7 | 52.4 | 56.7 | 59.7 | 60.7 | 63.2 | 64.3 | 64.3 | 64.3 | 65.6 | 65.6 | 66.0 | 66.0  | 66.0  | 66.0  |
| >=7000  | 20.7                       | 48.1 | 54.0 | 58.4 | 61.5 | 62.4 | 65.3 | 66.5 | 66.5 | 66.5 | 67.8 | 67.8 | 68.2 | 68.2  | 68.2  | 68.2  |
| >=6000  | 20.9                       | 49.0 | 54.8 | 59.5 | 62.9 | 63.9 | 66.7 | 68.0 | 68.0 | 68.0 | 69.6 | 69.6 | 69.6 | 69.6  | 69.6  | 69.6  |
| >=5000  | 21.6                       | 51.8 | 57.9 | 62.8 | 66.5 | 67.5 | 70.6 | 71.9 | 71.9 | 71.9 | 73.3 | 73.3 | 73.7 | 73.7  | 73.7  | 73.7  |
| >=4500  | 21.8                       | 53.0 | 59.3 | 64.1 | 67.8 | 69.1 | 72.1 | 73.5 | 73.5 | 73.5 | 74.9 | 74.9 | 75.2 | 75.2  | 75.2  | 75.2  |
| >=4000  | 23.5                       | 56.8 | 63.7 | 68.6 | 72.7 | 74.2 | 77.8 | 79.1 | 79.1 | 79.1 | 80.7 | 80.7 | 81.2 | 81.2  | 81.2  | 81.2  |
| >=3500  | 23.9                       | 57.9 | 65.1 | 70.3 | 74.3 | 75.9 | 79.5 | 80.8 | 80.8 | 80.8 | 82.5 | 82.5 | 82.9 | 82.9  | 82.9  | 82.9  |
| >=3000  | 24.6                       | 60.5 | 68.2 | 73.5 | 77.6 | 79.5 | 83.4 | 85.1 | 85.1 | 85.1 | 87.4 | 87.4 | 87.9 | 87.9  | 87.9  | 87.9  |
| >=2500  | 24.7                       | 61.1 | 68.9 | 74.3 | 78.5 | 80.6 | 84.7 | 86.5 | 86.5 | 86.5 | 88.9 | 88.9 | 89.4 | 89.4  | 89.5  | 89.5  |
| >=2000  | 24.9                       | 61.8 | 69.8 | 75.4 | 79.6 | 81.7 | 86.2 | 88.0 | 88.1 | 88.1 | 90.5 | 90.5 | 91.1 | 91.1  | 91.2  | 91.3  |
| >=1800  | 24.9                       | 61.8 | 69.8 | 75.6 | 79.7 | 81.8 | 86.3 | 88.1 | 88.2 | 88.2 | 90.6 | 90.6 | 91.2 | 91.2  | 91.3  | 91.4  |
| >=1500  | 24.9                       | 62.1 | 70.3 | 76.2 | 80.5 | 82.6 | 87.6 | 89.3 | 89.4 | 89.4 | 92.2 | 92.2 | 92.7 | 92.7  | 93.1  | 93.3  |
| >=1200  | 24.9                       | 62.3 | 70.5 | 76.4 | 80.8 | 82.9 | 87.9 | 89.6 | 89.9 | 89.9 | 92.6 | 92.6 | 93.2 | 93.2  | 93.6  | 93.8  |
| >=1000  | 25.1                       | 62.6 | 70.8 | 77.0 | 81.7 | 83.8 | 88.8 | 90.7 | 91.1 | 91.1 | 94.6 | 94.6 | 95.4 | 95.4  | 95.9  | 96.1  |
| >=900   | 25.1                       | 62.6 | 70.8 | 77.0 | 81.7 | 83.8 | 88.8 | 90.7 | 91.1 | 91.1 | 94.6 | 94.6 | 95.4 | 95.4  | 95.9  | 96.1  |
| >=800   | 25.1                       | 62.6 | 70.8 | 77.1 | 81.9 | 84.0 | 89.5 | 91.5 | 92.0 | 92.0 | 95.6 | 95.6 | 96.4 | 96.4  | 97.1  | 97.4  |
| >=700   | 25.1                       | 62.6 | 70.9 | 77.2 | 82.2 | 84.4 | 89.9 | 92.2 | 92.6 | 92.6 | 96.3 | 96.3 | 97.0 | 97.0  | 97.8  | 98.1  |
| >=600   | 25.1                       | 62.6 | 70.9 | 77.3 | 82.4 | 84.6 | 90.1 | 92.4 | 92.8 | 92.8 | 96.5 | 96.5 | 97.2 | 97.2  | 98.0  | 98.3  |
| >=500   | 25.1                       | 62.6 | 70.9 | 77.3 | 82.7 | 84.9 | 90.4 | 92.7 | 93.2 | 93.2 | 96.8 | 96.8 | 97.7 | 97.7  | 98.5  | 98.9  |
| >=400   | 25.1                       | 62.7 | 71.0 | 77.4 | 82.8 | 85.0 | 90.5 | 93.0 | 93.4 | 93.4 | 97.0 | 97.0 | 97.9 | 97.9  | 98.9  | 99.3  |
| >=300   | 25.1                       | 62.7 | 71.0 | 77.4 | 82.8 | 85.1 | 90.6 | 93.1 | 93.5 | 93.5 | 97.1 | 97.1 | 98.0 | 98.0  | 99.0  | 99.7  |
| >=200   | 25.1                       | 62.7 | 71.0 | 77.4 | 82.8 | 85.1 | 90.6 | 93.1 | 93.5 | 93.5 | 97.1 | 97.1 | 98.0 | 98.0  | 99.0  | 99.7  |
| >=100   | 25.1                       | 62.7 | 71.0 | 77.4 | 82.8 | 85.1 | 90.6 | 93.1 | 93.5 | 93.5 | 97.1 | 97.1 | 98.0 | 98.0  | 99.0  | 99.8  |
| >=0     | 25.1                       | 62.7 | 71.0 | 77.4 | 82.8 | 85.1 | 90.6 | 93.1 | 93.5 | 93.5 | 97.1 | 97.1 | 98.0 | 98.0  | 99.0  | 100.0 |

TOTAL NO. OF OBS : 908

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 1500 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=3/4 |
| UNLIMIT | 24.8                       | 45.6 | 47.3 | 48.6 | 49.0 | 49.1    | 49.1 | 49.1    | 49.1 | 49.1  |
| >=20000 | 25.7                       | 49.4 | 51.9 | 53.6 | 54.1 | 54.2    | 54.2 | 54.3    | 54.3 | 54.3  |
| >=18000 | 25.7                       | 49.4 | 51.9 | 53.6 | 54.1 | 54.2    | 54.2 | 54.3    | 54.3 | 54.3  |
| >=16000 | 25.7                       | 49.4 | 51.9 | 53.6 | 54.1 | 54.2    | 54.2 | 54.3    | 54.3 | 54.3  |
| >=14000 | 26.0                       | 49.9 | 52.4 | 54.1 | 54.7 | 54.9    | 54.9 | 55.0    | 55.0 | 55.0  |
| >=12000 | 26.6                       | 51.1 | 54.0 | 55.8 | 56.3 | 56.6    | 56.7 | 56.7    | 56.7 | 56.7  |
| >=10000 | 27.6                       | 54.0 | 57.2 | 59.1 | 60.0 | 60.3    | 60.8 | 60.9    | 60.9 | 60.9  |
| >= 9000 | 27.8                       | 54.4 | 57.7 | 59.6 | 60.7 | 61.1    | 61.6 | 61.7    | 61.7 | 61.7  |
| >= 8000 | 29.2                       | 57.2 | 60.8 | 63.2 | 64.4 | 65.0    | 65.4 | 65.6    | 65.6 | 65.6  |
| >= 7000 | 29.7                       | 58.4 | 62.0 | 64.6 | 65.9 | 66.4    | 67.0 | 67.1    | 67.1 | 67.1  |
| >= 6000 | 30.1                       | 59.6 | 63.2 | 65.8 | 67.2 | 67.8    | 68.3 | 68.4    | 68.4 | 68.4  |
| >= 5000 | 31.4                       | 63.1 | 66.9 | 69.6 | 71.2 | 71.9    | 72.4 | 72.7    | 72.8 | 72.8  |
| >= 4500 | 31.4                       | 63.9 | 67.7 | 70.3 | 72.1 | 72.8    | 73.3 | 73.6    | 73.7 | 73.7  |
| >= 4000 | 33.1                       | 68.0 | 72.4 | 75.2 | 77.1 | 77.8    | 78.7 | 78.9    | 79.2 | 79.3  |
| >= 3500 | 33.6                       | 69.6 | 74.0 | 76.9 | 78.8 | 79.6    | 80.4 | 80.7    | 81.0 | 81.1  |
| >= 3000 | 34.4                       | 73.1 | 76.1 | 81.2 | 83.3 | 84.2    | 85.3 | 86.0    | 86.2 | 86.9  |
| >= 2500 | 34.6                       | 73.7 | 78.8 | 82.0 | 84.2 | 85.1    | 86.4 | 87.2    | 87.6 | 88.2  |
| >= 2000 | 34.9                       | 74.6 | 80.0 | 83.3 | 85.8 | 86.8    | 88.4 | 89.3    | 89.7 | 90.3  |
| >= 1800 | 34.9                       | 74.6 | 80.1 | 83.4 | 85.9 | 86.9    | 88.6 | 89.4    | 89.8 | 90.4  |
| >= 1500 | 35.0                       | 75.3 | 80.9 | 84.3 | 86.9 | 88.0    | 89.9 | 90.8    | 91.2 | 92.0  |
| >= 1200 | 35.0                       | 75.4 | 81.2 | 84.7 | 87.2 | 88.3    | 90.2 | 91.1    | 91.7 | 92.6  |
| >= 1000 | 35.1                       | 75.9 | 81.7 | 85.2 | 88.1 | 89.2    | 91.3 | 92.3    | 93.0 | 94.4  |
| >= 900  | 35.2                       | 76.0 | 81.8 | 85.3 | 88.2 | 89.3    | 91.4 | 92.4    | 93.1 | 94.6  |
| >= 800  | 35.2                       | 76.1 | 81.9 | 85.6 | 88.6 | 89.7    | 91.9 | 93.1    | 93.9 | 95.4  |
| >= 700  | 35.2                       | 76.2 | 82.0 | 85.7 | 88.7 | 89.8    | 92.0 | 93.3    | 94.1 | 95.7  |
| >= 600  | 35.2                       | 76.3 | 82.1 | 85.8 | 88.8 | 89.9    | 92.2 | 93.6    | 94.3 | 96.0  |
| >= 500  | 35.2                       | 76.3 | 82.1 | 85.9 | 88.9 | 90.0    | 92.6 | 94.0    | 94.8 | 96.6  |
| >= 400  | 35.2                       | 76.3 | 82.1 | 86.0 | 89.0 | 90.1    | 92.8 | 94.3    | 95.1 | 96.9  |
| >= 300  | 35.2                       | 76.3 | 82.1 | 86.0 | 89.0 | 90.2    | 92.9 | 94.4    | 95.2 | 97.0  |
| >= 200  | 35.2                       | 76.3 | 82.1 | 86.0 | 89.0 | 90.2    | 92.9 | 94.4    | 95.2 | 97.0  |
| >= 100  | 35.2                       | 76.3 | 82.1 | 86.0 | 89.0 | 90.2    | 92.9 | 94.4    | 95.2 | 97.0  |
| >= 0    | 35.2                       | 76.3 | 82.1 | 86.0 | 89.0 | 90.2    | 92.9 | 94.4    | 95.2 | 97.0  |

TOTAL NO. OF OBS. : 900

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : FEB  
HOUR : 1800 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 23.8                       | 45.7 | 46.8 | 48.0 | 48.4 | 48.4 | 48.7 | 49.0 | 49.0 | 49.0 |
| >=20000 | 24.2                       | 47.2 | 48.4 | 49.9 | 50.4 | 50.6 | 50.8 | 51.1 | 51.1 | 51.2 |
| >=18000 | 24.2                       | 47.4 | 48.7 | 50.1 | 50.7 | 50.8 | 51.0 | 51.3 | 51.3 | 51.4 |
| >=16000 | 24.2                       | 47.4 | 48.8 | 50.2 | 50.8 | 50.9 | 51.1 | 51.4 | 51.4 | 51.6 |
| >=14000 | 24.8                       | 48.1 | 49.4 | 50.9 | 51.4 | 51.6 | 51.9 | 52.1 | 52.1 | 52.2 |
| >=12000 | 25.0                       | 48.6 | 49.9 | 51.3 | 52.0 | 52.1 | 52.3 | 52.7 | 52.7 | 52.8 |
| >=10000 | 25.8                       | 50.2 | 51.8 | 53.3 | 54.1 | 54.2 | 54.6 | 55.0 | 55.1 | 55.2 |
| >= 8000 | 26.1                       | 50.7 | 52.2 | 53.8 | 54.7 | 54.8 | 55.1 | 55.6 | 55.7 | 55.8 |
| >= 7000 | 26.7                       | 53.1 | 54.7 | 56.6 | 57.6 | 57.7 | 58.0 | 58.4 | 58.6 | 58.7 |
| >= 6000 | 27.1                       | 54.1 | 55.8 | 57.7 | 59.0 | 59.1 | 59.7 | 60.1 | 60.2 | 60.3 |
| >= 5000 | 27.3                       | 54.8 | 56.4 | 58.3 | 59.7 | 59.8 | 60.3 | 60.8 | 60.9 | 61.0 |
| >= 4500 | 29.4                       | 58.6 | 60.4 | 62.4 | 63.8 | 64.0 | 64.7 | 65.2 | 65.3 | 65.6 |
| >= 4000 | 29.9                       | 59.4 | 61.3 | 63.3 | 64.7 | 64.9 | 65.8 | 66.3 | 66.4 | 66.6 |
| >= 3500 | 32.8                       | 66.7 | 68.8 | 70.9 | 72.3 | 72.6 | 73.6 | 74.2 | 74.4 | 74.8 |
| >= 3000 | 33.4                       | 68.8 | 71.3 | 73.4 | 75.0 | 75.2 | 76.2 | 76.9 | 77.1 | 77.4 |
| >= 2500 | 34.8                       | 74.1 | 77.4 | 80.3 | 82.4 | 82.7 | 83.8 | 84.6 | 84.9 | 85.4 |
| >= 2000 | 35.6                       | 75.1 | 78.4 | 81.7 | 83.8 | 84.0 | 85.2 | 86.0 | 86.3 | 87.0 |
| >= 1800 | 35.9                       | 76.3 | 79.7 | 82.9 | 85.1 | 85.4 | 86.7 | 87.9 | 88.2 | 89.3 |
| >= 1500 | 36.0                       | 76.4 | 79.8 | 83.0 | 85.2 | 85.6 | 86.8 | 88.0 | 88.3 | 89.4 |
| >= 1200 | 36.1                       | 77.4 | 80.8 | 84.1 | 86.4 | 86.8 | 88.0 | 89.3 | 89.7 | 91.1 |
| >= 1000 | 36.1                       | 77.8 | 81.2 | 84.9 | 86.4 | 86.8 | 88.1 | 89.4 | 89.8 | 91.2 |
| >= 900  | 36.1                       | 77.8 | 81.2 | 84.9 | 86.4 | 86.8 | 88.0 | 89.3 | 89.7 | 91.4 |
| >= 800  | 36.1                       | 78.0 | 81.4 | 85.2 | 88.7 | 89.0 | 90.0 | 91.8 | 92.1 | 94.0 |
| >= 700  | 36.1                       | 78.0 | 81.4 | 85.3 | 88.8 | 89.1 | 90.0 | 92.6 | 93.0 | 94.9 |
| >= 600  | 36.1                       | 78.1 | 81.7 | 85.7 | 89.2 | 89.6 | 91.4 | 93.2 | 93.8 | 95.9 |
| >= 500  | 36.1                       | 78.1 | 81.8 | 85.8 | 89.3 | 89.7 | 91.6 | 93.3 | 93.9 | 96.3 |
| >= 400  | 36.1                       | 78.1 | 81.8 | 85.8 | 89.3 | 89.7 | 91.6 | 93.3 | 93.9 | 96.4 |
| >= 300  | 36.2                       | 78.2 | 81.9 | 85.9 | 89.4 | 89.8 | 91.7 | 93.4 | 94.0 | 96.6 |
| >= 200  | 36.2                       | 78.2 | 81.9 | 85.9 | 89.4 | 89.8 | 91.7 | 93.4 | 94.0 | 96.6 |
| >= 100  | 36.2                       | 78.2 | 81.9 | 85.9 | 89.4 | 89.8 | 91.7 | 93.4 | 94.0 | 96.6 |
| >= 0    | 36.2                       | 78.2 | 81.9 | 85.9 | 89.4 | 89.8 | 91.7 | 93.4 | 94.0 | 96.6 |

TOTAL NO. OF OBS : 900



## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : 2100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |      |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1 1/4 | >=1  |
| UNLIMIT | 25.8                       | 46.9 | 48.6 | 50.2 | 50.5 | 50.5    | 51.1 | 51.1    | 51.1    | 51.1 |
| >=20000 | 26.7                       | 49.0 | 50.7 | 52.4 | 52.8 | 53.4    | 53.4 | 53.4    | 53.4    | 53.4 |
| >=18000 | 26.7                       | 49.1 | 50.8 | 52.5 | 52.9 | 53.5    | 53.5 | 53.5    | 53.5    | 53.5 |
| >=16000 | 26.7                       | 49.1 | 50.8 | 52.5 | 52.9 | 53.5    | 53.5 | 53.5    | 53.5    | 53.5 |
| >=14000 | 26.9                       | 49.3 | 51.0 | 52.7 | 53.2 | 53.7    | 53.7 | 53.7    | 53.7    | 53.7 |
| >=12000 | 27.1                       | 49.7 | 51.3 | 53.1 | 53.5 | 54.1    | 54.1 | 54.1    | 54.1    | 54.1 |
| >=10000 | 28.1                       | 51.9 | 53.6 | 55.6 | 56.1 | 56.8    | 57.0 | 57.0    | 57.0    | 57.0 |
| >= 9000 | 28.3                       | 52.3 | 54.1 | 56.2 | 56.8 | 57.5    | 57.8 | 57.8    | 57.8    | 57.8 |
| >= 8000 | 29.3                       | 54.9 | 56.8 | 58.8 | 59.5 | 60.5    | 60.7 | 60.7    | 60.8    | 60.8 |
| >= 7000 | 29.9                       | 55.9 | 57.8 | 59.8 | 60.8 | 61.1    | 61.8 | 62.2    | 62.3    | 62.4 |
| >= 6000 | 30.3                       | 56.9 | 58.8 | 60.9 | 61.9 | 62.2    | 62.9 | 63.3    | 63.4    | 63.5 |
| >= 5000 | 33.1                       | 61.4 | 63.4 | 65.7 | 66.7 | 67.0    | 67.7 | 68.2    | 68.4    | 68.6 |
| >= 4500 | 33.4                       | 62.1 | 64.2 | 66.6 | 67.6 | 68.6    | 69.1 | 69.1    | 69.3    | 69.4 |
| >= 4000 | 37.0                       | 68.8 | 71.1 | 73.5 | 74.6 | 75.7    | 76.2 | 76.2    | 76.6    | 76.7 |
| >= 3500 | 37.7                       | 70.2 | 72.7 | 75.1 | 76.2 | 77.3    | 77.8 | 77.8    | 78.3    | 78.4 |
| >= 3000 | 40.6                       | 76.2 | 79.4 | 82.2 | 83.8 | 84.4    | 85.2 | 85.7    | 86.1    | 86.2 |
| >= 2500 | 40.9                       | 77.1 | 80.5 | 83.4 | 85.0 | 86.6    | 87.2 | 87.2    | 87.8    | 87.9 |
| >= 2000 | 41.5                       | 78.4 | 81.9 | 85.0 | 87.1 | 87.7    | 89.0 | 89.6    | 90.4    | 90.5 |
| >= 1800 | 41.5                       | 78.4 | 81.9 | 85.0 | 87.1 | 87.7    | 89.0 | 89.6    | 90.4    | 90.5 |
| >= 1500 | 41.8                       | 79.1 | 83.0 | 86.4 | 88.6 | 89.2    | 90.6 | 91.5    | 92.5    | 92.7 |
| >= 1200 | 41.8                       | 79.1 | 83.0 | 86.4 | 88.6 | 89.3    | 90.8 | 91.7    | 92.7    | 92.9 |
| >= 1000 | 41.8                       | 79.9 | 83.7 | 87.8 | 90.5 | 91.0    | 92.9 | 94.1    | 95.6    | 96.0 |
| >= 900  | 41.8                       | 80.0 | 83.8 | 87.9 | 90.7 | 91.3    | 93.1 | 94.3    | 95.9    | 96.2 |
| >= 800  | 41.8                       | 80.1 | 84.1 | 88.3 | 91.5 | 92.0    | 94.0 | 95.3    | 97.1    | 97.4 |
| >= 700  | 41.8                       | 80.1 | 84.2 | 88.4 | 91.6 | 92.1    | 94.1 | 95.4    | 97.3    | 97.6 |
| >= 600  | 41.8                       | 80.2 | 84.3 | 88.5 | 91.8 | 92.4    | 94.3 | 95.7    | 97.8    | 98.4 |
| >= 500  | 41.9                       | 80.3 | 84.4 | 88.6 | 91.9 | 92.5    | 94.5 | 96.0    | 98.0    | 98.6 |
| >= 400  | 41.9                       | 80.3 | 84.4 | 88.6 | 91.9 | 92.5    | 94.5 | 96.0    | 98.0    | 98.6 |
| >= 300  | 41.9                       | 80.3 | 84.4 | 88.6 | 91.9 | 92.5    | 94.5 | 96.0    | 98.0    | 98.6 |
| >= 200  | 41.9                       | 80.3 | 84.4 | 88.6 | 91.9 | 92.5    | 94.5 | 96.0    | 98.0    | 98.6 |
| >= 100  | 41.9                       | 80.3 | 84.4 | 88.6 | 91.9 | 92.5    | 94.5 | 96.0    | 98.0    | 98.6 |
| >= 0    | 41.9                       | 80.3 | 84.4 | 88.6 | 91.9 | 92.5    | 94.5 | 96.0    | 98.0    | 98.6 |

>=1/2 >=5/16 >=1/4 >=0

TOTAL NO. OF OBS : 916

# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : FEB  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |      |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|------|------|-------|-------|-------|--------|-------|-------|
|         | >=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   |
| UNLIMIT | 21.5                       | 41.5 | 44.2 | 46.6 | 48.2 | 48.6    | 49.6 | 50.1    | 50.1 | 50.1 | 50.4 | 50.4  | 50.4  | 50.5  | 50.5   | 50.5  | 50.5  |
| >=20000 | 22.1                       | 43.4 | 46.3 | 48.9 | 50.7 | 51.1    | 52.2 | 52.6    | 52.7 | 53.0 | 53.0 | 53.1  | 53.1  | 53.1  | 53.1   | 53.1  | 53.1  |
| >=18000 | 22.1                       | 43.5 | 46.4 | 49.0 | 50.8 | 51.1    | 52.3 | 52.7    | 52.7 | 53.1 | 53.1 | 53.2  | 53.2  | 53.2  | 53.2   | 53.2  | 53.2  |
| >=16000 | 22.2                       | 43.5 | 46.4 | 49.1 | 50.8 | 51.2    | 52.3 | 52.8    | 52.8 | 53.2 | 53.2 | 53.2  | 53.2  | 53.3  | 53.3   | 53.3  | 53.2  |
| >=14000 | 22.3                       | 43.8 | 46.8 | 49.4 | 51.2 | 51.6    | 52.7 | 53.2    | 53.2 | 53.6 | 53.6 | 53.6  | 53.6  | 53.7  | 53.7   | 53.7  | 53.3  |
| >=12000 | 22.6                       | 44.3 | 47.4 | 50.0 | 51.9 | 52.3    | 53.5 | 54.0    | 54.0 | 54.3 | 54.3 | 54.4  | 54.4  | 54.4  | 54.4   | 54.5  | 54.5  |
| >=10000 | 23.5                       | 46.4 | 49.7 | 52.6 | 54.5 | 55.0    | 56.3 | 56.9    | 56.9 | 57.3 | 57.3 | 57.4  | 57.4  | 57.4  | 57.4   | 57.5  | 57.5  |
| >= 9000 | 23.6                       | 46.8 | 50.1 | 53.1 | 55.1 | 55.6    | 56.9 | 57.5    | 57.5 | 57.9 | 57.9 | 58.0  | 58.0  | 58.1  | 58.1   | 58.1  | 58.1  |
| >= 8000 | 24.7                       | 49.5 | 53.0 | 56.3 | 58.5 | 59.1    | 60.5 | 61.2    | 61.2 | 61.7 | 61.7 | 61.8  | 61.8  | 61.8  | 61.8   | 61.9  | 61.9  |
| >= 7000 | 25.3                       | 50.7 | 54.2 | 57.6 | 60.0 | 60.6    | 62.1 | 62.8    | 62.8 | 63.3 | 63.3 | 63.4  | 63.4  | 63.5  | 63.5   | 63.5  | 63.5  |
| >= 6000 | 25.7                       | 51.5 | 55.1 | 58.5 | 61.0 | 61.6    | 63.1 | 63.8    | 63.8 | 64.3 | 64.3 | 64.5  | 64.5  | 64.5  | 64.5   | 64.6  | 64.6  |
| >= 5000 | 27.8                       | 55.3 | 59.1 | 62.8 | 65.5 | 66.1    | 67.7 | 68.5    | 68.5 | 69.0 | 69.0 | 69.2  | 69.2  | 69.2  | 69.2   | 69.3  | 69.3  |
| >= 4500 | 28.1                       | 56.3 | 60.2 | 63.9 | 66.6 | 67.3    | 68.9 | 69.7    | 69.7 | 70.3 | 70.3 | 70.4  | 70.4  | 70.5  | 70.5   | 70.5  | 70.5  |
| >= 4000 | 31.0                       | 62.3 | 66.5 | 70.4 | 73.4 | 74.2    | 76.0 | 76.9    | 76.9 | 77.5 | 77.5 | 77.7  | 77.7  | 77.8  | 77.8   | 77.8  | 77.8  |
| >= 3500 | 31.7                       | 64.0 | 68.4 | 72.4 | 75.6 | 76.4    | 78.2 | 79.0    | 79.1 | 79.8 | 79.8 | 79.9  | 79.9  | 80.0  | 80.0   | 80.0  | 80.0  |
| >= 3000 | 33.2                       | 68.9 | 73.9 | 78.4 | 81.8 | 82.8    | 84.8 | 85.8    | 85.9 | 86.7 | 86.7 | 87.0  | 87.0  | 87.1  | 87.1   | 87.1  | 87.1  |
| >= 2500 | 33.6                       | 69.8 | 74.9 | 79.6 | 83.1 | 84.1    | 86.3 | 87.3    | 87.4 | 88.3 | 88.3 | 88.5  | 88.6  | 88.7  | 88.7   | 88.8  | 88.8  |
| >= 2000 | 33.9                       | 70.8 | 76.1 | 81.0 | 84.8 | 85.9    | 88.4 | 89.5    | 89.6 | 90.8 | 90.8 | 91.0  | 91.0  | 91.2  | 91.2   | 91.3  | 91.3  |
| >= 1800 | 34.0                       | 70.9 | 76.1 | 81.0 | 84.9 | 85.9    | 88.4 | 89.6    | 89.7 | 90.8 | 90.8 | 91.0  | 91.1  | 91.3  | 91.3   | 91.4  | 91.4  |
| >= 1500 | 34.1                       | 71.5 | 76.9 | 82.0 | 85.9 | 87.1    | 89.7 | 91.1    | 91.2 | 92.5 | 92.5 | 92.8  | 92.8  | 93.1  | 93.1   | 93.2  | 93.2  |
| >= 1200 | 34.2                       | 71.6 | 77.1 | 82.2 | 86.2 | 87.3    | 90.1 | 91.4    | 91.5 | 92.8 | 92.8 | 93.2  | 93.2  | 93.6  | 93.6   | 93.7  | 93.7  |
| >= 1000 | 34.2                       | 72.2 | 77.8 | 83.2 | 87.7 | 88.9    | 91.8 | 93.3    | 93.5 | 95.3 | 95.3 | 95.7  | 95.7  | 96.2  | 96.2   | 96.3  | 96.3  |
| >= 900  | 34.2                       | 72.2 | 77.8 | 83.3 | 87.7 | 88.9    | 91.8 | 93.4    | 93.6 | 95.4 | 95.4 | 95.8  | 95.8  | 96.3  | 96.3   | 96.4  | 96.4  |
| >= 800  | 34.2                       | 72.3 | 78.0 | 83.5 | 88.2 | 89.4    | 92.5 | 94.1    | 94.4 | 96.3 | 96.3 | 96.8  | 96.8  | 97.4  | 97.4   | 97.5  | 97.6  |
| >= 700  | 34.3                       | 72.4 | 78.1 | 83.7 | 88.4 | 89.6    | 92.7 | 94.5    | 94.8 | 96.7 | 96.7 | 97.2  | 97.3  | 97.8  | 97.9   | 98.0  | 98.1  |
| >= 600  | 34.3                       | 72.4 | 78.1 | 83.7 | 88.5 | 89.7    | 92.9 | 94.7    | 95.0 | 96.9 | 96.9 | 97.5  | 97.5  | 98.1  | 98.1   | 98.3  | 98.4  |
| >= 500  | 34.3                       | 72.5 | 78.2 | 83.9 | 88.7 | 90.0    | 93.2 | 95.0    | 95.3 | 97.4 | 97.4 | 98.0  | 98.0  | 98.7  | 98.7   | 98.9  | 99.0  |
| >= 400  | 34.3                       | 72.5 | 78.3 | 83.9 | 88.8 | 90.0    | 93.3 | 95.2    | 95.4 | 97.5 | 97.5 | 98.2  | 98.2  | 99.1  | 99.1   | 99.3  | 99.4  |
| >= 300  | 34.3                       | 72.5 | 78.3 | 83.9 | 88.8 | 90.1    | 93.3 | 95.2    | 95.5 | 97.6 | 97.6 | 98.3  | 98.3  | 99.2  | 99.2   | 99.5  | 99.7  |
| >= 200  | 34.3                       | 72.5 | 78.3 | 83.9 | 88.8 | 90.1    | 93.3 | 95.2    | 95.5 | 97.6 | 97.6 | 98.3  | 98.4  | 99.2  | 99.3   | 99.6  | 99.8  |
| >= 100  | 34.3                       | 72.5 | 78.3 | 83.9 | 88.8 | 90.1    | 93.3 | 95.2    | 95.5 | 97.6 | 97.6 | 98.3  | 98.4  | 99.2  | 99.3   | 99.7  | 99.9  |
| >= 0    | 34.3                       | 72.5 | 78.3 | 83.9 | 88.8 | 90.1    | 93.3 | 95.2    | 95.5 | 97.6 | 97.6 | 98.3  | 98.4  | 99.3  | 99.3   | 99.7  | 100.0 |

TOTAL NO. OF OBS : 7285

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : 0000 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       | TOTAL % | MEAN WIND SPEED |      |
|---------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|---------|-----------------|------|
|         | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 |         |                 | >=56 |
| N       | 1.5           | 3.9   | 7.9  | 8.7   | 3.5   | 1.2   | .2    | .0    | .0    | .0    | .0      | 27.0            | 11.5 |
| NNE     | 1.0           | 2.1   | 4.0  | 6.3   | 2.6   | .4    | .0    | .0    | .0    | .0    | .0      | 16.3            | 11.6 |
| NE      | .3            | 1.7   | 4.0  | 2.4   | .9    | .4    | .0    | .0    | .0    | .0    | .0      | 9.6             | 10.5 |
| ENE     | .2            | 1.2   | 1.8  | .8    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | 4.0             | 8.3  |
| E       | .4            | 1.1   | .6   | .8    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | 2.9             | 7.4  |
| ESE     | .2            | .3    | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | .8              | 6.5  |
| SE      | .0            | .3    | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | .5              | 5.8  |
| SSE     | .6            | .5    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | 1.0             | 3.7  |
| S       | .5            | .9    | .9   | .6    | .4    | .2    | .1    | .0    | .0    | .0    | .0      | 3.4             | 10.4 |
| SSW     | .5            | 1.0   | 1.3  | 1.2   | .7    | .3    | .0    | .0    | .0    | .0    | .0      | 5.0             | 10.7 |
| SW      | .4            | .5    | 1.5  | 1.2   | .8    | .1    | .0    | .0    | .0    | .0    | .0      | 4.5             | 10.9 |
| WSW     | .2            | .8    | 1.1  | 1.0   | .4    | .1    | .0    | .0    | .0    | .0    | .0      | 3.6             | 10.6 |
| W       | .7            | 1.0   | .3   | .3    | .5    | .1    | .1    | .0    | .0    | .0    | .0      | 2.9             | 9.6  |
| WNW     | .5            | .7    | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | 1.3             | 5.3  |
| NW      | 1.2           | 1.2   | 1.3  | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | 4.0             | 5.6  |
| NNW     | 1.0           | 3.2   | 2.6  | 2.1   | .6    | .5    | .0    | .0    | .0    | .0    | .0      | 10.0            | 9.0  |
| VAR     | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | .0              | .0   |
| CLM     | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | 3.3             | .0   |
| ALL     | 9.0           | 20.3  | 27.8 | 25.8  | 10.2  | 3.2   | .4    | .0    | .0    | .0    | .0      | 100.0           | 9.9  |

TOTAL NO. OF OBS : 1052

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : 0300 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |       |      |  |  | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|--|--|---------|-----------------|
|             | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |      |  |  |         |                 |
| N           | 1.5           | 6.4  | 9.1  | 9.4   | 4.0   | .7    | .3    | .0    | .0    | .0    | .0   | 31.3  | 11.0 |  |  |         |                 |
| NNE         | .8            | 2.5  | 5.7  | 6.7   | 2.3   | .5    | .0    | .0    | .0    | .0    | .0   | 18.4  | 11.3 |  |  |         |                 |
| NE          | .9            | .7   | 1.9  | 3.8   | .9    | .3    | .0    | .0    | .0    | .0    | .0   | 8.4   | 11.3 |  |  |         |                 |
| ENE         | .3            | .7   | 1.1  | .9    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | 3.0   | 9.0  |  |  |         |                 |
| E           | .5            | .4   | 1.2  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.1   | 6.5  |  |  |         |                 |
| ESE         | .2            | .3   | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6    | 5.7  |  |  |         |                 |
| SE          | .4            | .2   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6    | 3.5  |  |  |         |                 |
| SSE         | .4            | .1   | .0   | .0    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | .6    | 6.0  |  |  |         |                 |
| S           | .2            | .4   | .5   | .3    | .2    | .3    | .1    | .1    | .0    | .0    | .0   | 2.0   | 13.4 |  |  |         |                 |
| SSW         | .1            | .8   | 1.2  | .7    | .5    | .3    | .2    | .1    | .0    | .0    | .0   | 3.8   | 12.6 |  |  |         |                 |
| SW          | .1            | .9   | .9   | .7    | .6    | .0    | .0    | .0    | .0    | .0    | .0   | 3.0   | 10.9 |  |  |         |                 |
| WSW         | .4            | .5   | .6   | .7    | .4    | .2    | .0    | .0    | .0    | .0    | .0   | 2.7   | 11.0 |  |  |         |                 |
| W           | .5            | .2   | .4   | .3    | .5    | .1    | .0    | .0    | .0    | .0    | .0   | 1.9   | 10.5 |  |  |         |                 |
| WNW         | .2            | .7   | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0   | 5.6  |  |  |         |                 |
| NW          | .8            | 2.1  | 1.1  | .3    | .0    | .0    | .2    | .0    | .0    | .0    | .0   | 4.5   | 7.0  |  |  |         |                 |
| NNW         | 1.5           | 4.7  | 3.8  | 1.7   | .3    | .3    | .0    | .0    | .0    | .0    | .0   | 12.3  | 7.8  |  |  |         |                 |
| VAR         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   |  |  |         |                 |
| CLM         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.8   | .0   |  |  |         |                 |
| ALL         | 8.6           | 21.3 | 27.6 | 25.5  | 9.5   | 2.6   | .8    | .2    | .0    | .0    | .0   | 100.0 | 9.9  |  |  |         |                 |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : 0600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |    |    |    |    |    | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|----|----|---------|-----------------|
|             | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |    |    |    |    |    |         |                 |
| N           | 2.4           | 7.0  | 10.1 | 10.2  | 3.0   | 1.1   | .4    | .1    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 34.3    | 10.5            |
| NNE         | .7            | 2.8  | 6.5  | 7.2   | 1.6   | .6    | .1    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 19.4    | 11.1            |
| NE          | .2            | 1.3  | 2.5  | 3.9   | 1.1   | .2    | .1    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 9.3     | 11.7            |
| ENE         | .3            | 1.0  | .9   | .9    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 3.1     | 8.0             |
| E           | .2            | .4   | .7   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.2     | 6.3             |
| ESE         | .3            | .2   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .5      | 3.4             |
| SE          | .1            | .1   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .2      | 3.5             |
| SSE         | .2            | .1   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .4      | 4.8             |
| S           | .6            | .4   | .2   | .3    | .3    | .4    | .1    | .1    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 2.3     | 12.6            |
| SSW         | .1            | .3   | .9   | .5    | .7    | .3    | .1    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 2.8     | 13.5            |
| SW          | .0            | .3   | .9   | 1.1   | .1    | .1    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 2.6     | 11.4            |
| WSW         | .1            | .2   | .4   | .6    | .3    | .1    | .1    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.7     | 13.4            |
| W           | .3            | .6   | .6   | .3    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.9     | 8.5             |
| WNW         | .2            | .9   | .2   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.4     | 5.9             |
| NW          | 1.1           | 2.0  | 1.0  | .2    | .0    | .0    | .1    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 4.5     | 5.9             |
| NNW         | 1.5           | 3.9  | 3.0  | 1.8   | .8    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 11.0    | 7.9             |
| VAR         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .0      | .0              |
| CLM         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 3.5     | .0              |
| ALL         | 8.2           | 21.4 | 27.9 | 27.0  | 9.1   | 2.8   | .9    | .2    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 100.0   | 9.7             |

TOTAL NO. OF OBS : 1054

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN<br>WIND<br>SPEED |
|----------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------------------|
| N              | 1.9   | 5.6   | 9.1  | 7.2   | 2.8   | 1.5   | .2    | .0    | .0    | .0    | .0   | 28.3  | 10.7                  |
| NNE            | 2.4   | 5.8   | 6.7  | 7.5   | 1.8   | .7    | .1    | .0    | .0    | .0    | .0   | 25.0  | 9.7                   |
| NE             | 1.9   | 3.2   | 4.0  | 2.9   | .8    | .3    | .0    | .0    | .0    | .0    | .0   | 13.1  | 8.8                   |
| ENE            | 1.4   | 2.0   | 1.8  | .9    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | 6.2   | 6.8                   |
| E              | 2.2   | 1.1   | .6   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.0   | 4.1                   |
| ESE            | .3    | .6    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .9    | 4.4                   |
| SE             | .3    | .3    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6    | 3.8                   |
| SSE            | .4    | .2    | .1   | .1    | .0    | .0    | .1    | .0    | .0    | .0    | .0   | .9    | 8.2                   |
| S              | .0    | .2    | .3   | .5    | .5    | .3    | .1    | .0    | .0    | .0    | .0   | 1.8   | 16.1                  |
| SSW            | .4    | .0    | .5   | 1.0   | .8    | .3    | .0    | .0    | .0    | .0    | .0   | 2.9   | 13.4                  |
| SW             | .0    | .2    | .6   | .9    | .3    | .2    | .0    | .0    | .0    | .0    | .0   | 2.2   | 13.9                  |
| WSW            | .1    | .1    | .8   | .6    | .2    | .1    | .1    | .0    | .0    | .0    | .0   | 1.9   | 12.4                  |
| W              | .1    | .1    | .5   | .6    | .4    | .0    | .0    | .1    | .0    | .0    | .0   | 1.7   | 13.1                  |
| WNW            | .1    | .1    | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4    | 6.8                   |
| NW             | .2    | .0    | .1   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 9.4                   |
| NNW            | .3    | .9    | 1.5  | 2.4   | .5    | .1    | .0    | .0    | .0    | .0    | .0   | 5.6   | 11.1                  |
| VAR            | .0    | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0                    |
| CLM            | .0    | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0                    |
| ALL            | 11.9  | 20.3  | 26.7 | 25.0  | 9.0   | 3.5   | .6    | .1    | .0    | .0    | .0   | 100.0 | 9.5                   |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1-3  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|-------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
| N           | .9   | 3.4  | 3.9  | 3.6   | 1.8   | .5    | .0    | .2    | .0    | .0    | .0   | 14.3    | 10.9            |
| NNE         | 1.6  | 3.7  | 4.6  | 4.5   | 2.1   | .4    | .3    | .0    | .0    | .0    | .0   | 17.2    | 10.4            |
| NE          | 1.8  | 3.5  | 5.1  | 2.6   | .6    | .0    | .1    | .0    | .0    | .0    | .0   | 13.7    | 8.4             |
| ENE         | 1.8  | 4.9  | 3.3  | .8    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 11.0    | 6.5             |
| E           | 2.9  | 6.5  | 2.5  | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 12.4    | 5.2             |
| ESE         | 1.3  | 1.3  | .7   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.3     | 4.4             |
| SE          | .6   | .6   | .4   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.6     | 5.2             |
| SSE         | .9   | .6   | .2   | .0    | .0    | .1    | .1    | .0    | .0    | .0    | .0   | 1.9     | 6.3             |
| S           | .3   | .4   | 2.0  | 1.6   | .4    | .3    | .2    | .0    | .0    | .0    | .0   | 5.1     | 11.9            |
| SSW         | .0   | .7   | 1.2  | 1.6   | .9    | .8    | .1    | .0    | .0    | .0    | .0   | 5.5     | 13.6            |
| SW          | .0   | .3   | .6   | .8    | .5    | .5    | .1    | .0    | .0    | .0    | .0   | 2.7     | 15.1            |
| WSW         | .0   | .3   | .8   | .9    | .4    | .4    | .0    | .0    | .0    | .0    | .0   | 2.7     | 13.6            |
| W           | .4   | .3   | .7   | .4    | .2    | .1    | .1    | .0    | .0    | .0    | .0   | 2.1     | 10.4            |
| WNW         | .1   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .1      | 3.0             |
| NW          | .0   | .3   | .1   | .1    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | .6      | 10.0            |
| NNW         | .2   | .4   | .9   | 1.2   | .2    | .2    | .0    | .0    | .0    | .0    | .0   | 3.1     | 11.4            |
| VAR         | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0      | .0              |
| CLM         | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0      | .0              |
| ALL         | 12.9 | 27.1 | 26.9 | 18.6  | 7.3   | 3.2   | .9    | .2    | .0    | .0    | .0   | 100.0   | 8.9             |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|-----------------------|
|                | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56       |                       |
| N              | 1.1           | 1.5  | 1.9  | 4.1   | 1.9   | .6    | .1    | .0    | .0    | .0    | .0         | 11.2                  |
| NNE            | 1.3           | 1.6  | 2.8  | 4.0   | 1.0   | .3    | .3    | .1    | .0    | .0    | .0         | 11.5                  |
| NE             | 1.9           | .9   | 2.9  | 2.8   | .9    | .0    | .0    | .0    | .0    | .0    | .0         | 9.3                   |
| ENE            | .9            | 3.2  | 2.5  | .9    | .0    | .1    | .0    | .0    | .0    | .0    | .0         | 7.7                   |
| E              | 2.4           | 5.3  | 2.9  | .6    | .1    | .0    | .0    | .0    | .0    | .0    | .0         | 11.3                  |
| ESE            | .8            | 1.1  | .8   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0         | 2.9                   |
| SE             | .5            | .9   | .5   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0         | 2.0                   |
| SSE            | .7            | .9   | .9   | .6    | .0    | .0    | .0    | .1    | .0    | .0    | .0         | 3.2                   |
| S              | .7            | .9   | 4.6  | 4.1   | 1.4   | .3    | .3    | .0    | .0    | .0    | .0         | 12.2                  |
| SSW            | .0            | 1.0  | 3.2  | 4.5   | 1.7   | .8    | .0    | .0    | .0    | .0    | .0         | 11.2                  |
| SW             | .0            | .3   | 1.4  | 1.8   | .6    | .4    | .1    | .0    | .0    | .0    | .0         | 4.6                   |
| WSW            | .2            | .0   | .9   | .7    | .5    | .4    | .4    | .0    | .0    | .0    | .0         | 3.0                   |
| W              | .3            | .1   | .5   | .3    | .4    | .3    | .0    | .0    | .0    | .0    | .0         | 1.8                   |
| WNW            | .0            | .1   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0         | .2                    |
| NW             | .1            | .1   | .2   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0         | .6                    |
| NNW            | .2            | .4   | .6   | .6    | .6    | .0    | .0    | .1    | .0    | .0    | .0         | 2.4                   |
| VAR            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0         | .0                    |
| CLM            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0         | .0                    |
| ALL            | 11.0          | 18.5 | 26.8 | 25.2  | 9.1   | 3.0   | 1.1   | .3    | .0    | .0    | .0         | 100.0                 |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

G43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : 1800 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 FT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |       | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |            |                       |
| N              | .8            | 1.7   | 2.6  | 5.5   | 2.7   | 1.3   | .3    | .0    | .0    | .0    | .0   | 15.1  | 13.4       |                       |
| NNE            | .1            | 1.1   | 2.0  | 2.8   | 1.8   | .9    | .2    | .0    | .0    | .0    | .0   | 9.0   | 14.0       |                       |
| NE             | 1.3           | 1.2   | 2.5  | 2.4   | .8    | .3    | .0    | .0    | .0    | .0    | .0   | 8.4   | 9.8        |                       |
| ENE            | .6            | 1.9   | 1.5  | 1.1   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.1   | 7.7        |                       |
| E              | .9            | 1.4   | 2.9  | 1.5   | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 7.0   | 8.3        |                       |
| ESE            | .4            | .6    | .6   | .6    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.1   | 7.9        |                       |
| SE             | .3            | .9    | .7   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.1   | 6.8        |                       |
| SSE            | .6            | 1.1   | 1.3  | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.5   | 7.4        |                       |
| S              | .9            | 2.6   | 4.5  | 2.4   | .5    | .3    | .1    | .0    | .0    | .0    | .0   | 11.1  | 9.0        |                       |
| SSW            | 1.2           | 3.3   | 4.6  | 2.6   | 1.4   | .1    | .2    | .0    | .0    | .0    | .0   | 13.4  | 9.4        |                       |
| SW             | .6            | 1.5   | 2.2  | 1.2   | .8    | .4    | .2    | .0    | .0    | .0    | .0   | 6.8   | 10.9       |                       |
| WSW            | .5            | 1.2   | 1.2  | .9    | .7    | .2    | .0    | .0    | .0    | .0    | .0   | 4.7   | 10.1       |                       |
| W              | .1            | .6    | .1   | .7    | .5    | .1    | .0    | .0    | .0    | .0    | .0   | 2.0   | 12.3       |                       |
| WNW            | .2            | .0    | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    | 6.7        |                       |
| NW             | .4            | .1    | .0   | .7    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 1.3   | 10.3       |                       |
| NNW            | .5            | .8    | .9   | 1.3   | .3    | .1    | .0    | .0    | .0    | .0    | .0   | 3.8   | 10.1       |                       |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |                       |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |                       |
| ALL            | 9.2           | 20.0  | 27.7 | 24.6  | 9.7   | 3.7   | .9    | .0    | .0    | .0    | .0   | 100.0 | 9.9        |                       |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : 2100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       | TOTAL # | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|---------|-----------------|
|             | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56    |                 |
| N           | .7            | 2.1  | 3.7  | 6.8   | 3.7   | 1.2   | .1    | .0    | .0    | .0    | .0      | 18.2            |
| NNE         | .5            | 1.7  | 2.9  | 7.0   | 3.0   | 1.0   | .2    | .0    | .0    | .0    | .0      | 16.2            |
| NE          | .7            | 1.3  | 2.5  | 2.3   | .7    | .4    | .0    | .0    | .0    | .0    | .0      | 7.8             |
| ENE         | .6            | 1.4  | 2.4  | 1.0   | .1    | .1    | .1    | .0    | .0    | .0    | .0      | 5.7             |
| E           | .3            | 1.8  | 2.3  | .8    | .2    | .0    | .0    | .0    | .0    | .0    | .0      | 5.3             |
| ESE         | .4            | .7   | .7   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | 1.8             |
| SE          | .6            | 1.1  | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | 2.1             |
| SSE         | .8            | .8   | .7   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | 2.3             |
| S           | 1.0           | 1.6  | 1.6  | .9    | .5    | .1    | .1    | .0    | .0    | .0    | .0      | 6.0             |
| SSW         | .2            | 1.9  | 2.2  | 1.5   | .7    | .4    | .1    | .1    | .0    | .0    | .0      | 7.0             |
| SW          | .3            | 1.6  | 1.4  | 1.2   | .8    | .2    | .0    | .0    | .0    | .0    | .0      | 5.5             |
| WSW         | .3            | 1.0  | 1.3  | 1.3   | 1.0   | .2    | .0    | .0    | .0    | .0    | .0      | 5.1             |
| W           | .1            | .8   | .4   | .8    | .4    | .1    | .0    | .0    | .0    | .0    | .0      | 2.5             |
| WNW         | .4            | .3   | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | .9              |
| NW          | .3            | 1.0  | .7   | .3    | .1    | .1    | .0    | .0    | .0    | .0    | .0      | 2.4             |
| NNW         | .4            | .8   | 1.6  | 2.1   | .9    | .3    | .1    | .0    | .0    | .0    | .0      | 6.1             |
| VAR         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | .0              |
| CLM         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0      | .0              |
| ALL         | 7.3           | 20.0 | 24.8 | 26.2  | 12.0  | 4.0   | .7    | .1    | .0    | .0    | .0      | 100.0           |

TOTAL NO. OF OBS : 1050

NOTES : # = PERCENT < .05

# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN.  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |    |    |    |    |    | TOTAL % | MEAN WIND SPEED |
|------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|----|----|---------|-----------------|
|      | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |    |    |    |    |    |         |                 |
| N    | 1.4           | 4.0   | 6.1  | 6.9   | 2.9   | 1.0   | .2    | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 22.5    | 11.4            |
| NNE  | 1.0           | 2.7   | 4.4  | 5.7   | 2.0   | .6    | .1    | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 16.6    | 11.3            |
| NE   | 1.1           | 1.7   | 3.2  | 2.9   | .8    | .2    | .0*   | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 10.0    | 9.9             |
| NNE  | .8            | 2.1   | 1.9  | .9    | .0*   | .0    | .0*   | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 5.7     | 7.4             |
| E    | 1.2           | 2.3   | 1.7  | .5    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 5.8     | 6.3             |
| ESE  | .5            | .6    | .4   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.6     | 5.5             |
| SE   | .3            | .5    | .3   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.2     | 5.3             |
| SSE  | .6            | .5    | .4   | .2    | .0    | .0*   | .0*   | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.7     | 6.6             |
| S    | .5            | .9    | 1.8  | 1.3   | .5    | .3    | .1    | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 5.5     | 10.8            |
| SSW  | .3            | 1.1   | 1.9  | 1.7   | .9    | .4    | .1    | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 6.5     | 11.6            |
| SW   | .2            | .7    | 1.2  | 1.1   | .5    | .2    | .0*   | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 4.0     | 11.7            |
| WSW  | .2            | .5    | .9   | .8    | .5    | .2    | .1    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 3.2     | 12.0            |
| W    | .3            | .4    | .4   | .4    | .4    | .1    | .0*   | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 2.1     | 10.9            |
| WNW  | .2            | .3    | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .7      | 5.7             |
| NW   | .5            | .8    | .6   | .3    | .1    | .0*   | .0*   | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 2.3     | 7.1             |
| NNW  | .7            | 1.9   | 1.9  | 1.6   | .5    | .2    | .0*   | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 6.8     | 9.4             |
| VAR  | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .0      | .0              |
| CLM  | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 3.9     | .0              |
| ALL  | 9.8           | 21.1  | 27.0 | 24.7  | 9.2   | 3.3   | .8    | .1    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 100.0   | 9.7             |

TOTAL NO. OF OBS : 8426

NOTES : \* = PERCENT < .05

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : 0000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |       |       |       |        |       |      |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0  |       |
| UNLIMIT | 22.4                       | 37.9 | 39.8 | 42.0 | 43.2 | 43.3    | 44.1 | 44.4    | 44.4 | 44.5  | 44.5  | 44.5  | 44.5   | 44.5  | 44.5 | 44.5  |
| >=20000 | 23.5                       | 40.1 | 42.1 | 44.4 | 45.7 | 45.8    | 46.6 | 46.8    | 46.8 | 46.9  | 46.9  | 46.9  | 46.9   | 46.9  | 46.9 | 46.9  |
| >=18000 | 23.5                       | 40.2 | 42.2 | 44.5 | 45.8 | 45.9    | 46.7 | 47.0    | 47.0 | 47.1  | 47.1  | 47.1  | 47.1   | 47.1  | 47.1 | 47.1  |
| >=16000 | 23.5                       | 40.3 | 42.3 | 44.6 | 45.9 | 46.0    | 46.8 | 47.1    | 47.1 | 47.2  | 47.2  | 47.2  | 47.2   | 47.2  | 47.2 | 47.2  |
| >=14000 | 23.8                       | 40.7 | 42.7 | 45.0 | 46.3 | 46.4    | 47.2 | 47.5    | 47.5 | 47.6  | 47.6  | 47.6  | 47.6   | 47.6  | 47.6 | 47.6  |
| >=12000 | 24.3                       | 41.4 | 43.3 | 45.7 | 46.9 | 47.0    | 47.9 | 48.2    | 48.2 | 48.3  | 48.3  | 48.3  | 48.3   | 48.3  | 48.3 | 48.3  |
| >=10000 | 25.5                       | 43.7 | 45.8 | 48.1 | 49.4 | 49.5    | 50.4 | 50.7    | 50.7 | 50.8  | 50.8  | 50.8  | 50.8   | 50.8  | 50.8 | 50.8  |
| >=9000  | 25.9                       | 44.4 | 46.5 | 48.8 | 50.0 | 50.1    | 51.1 | 51.4    | 51.4 | 51.5  | 51.5  | 51.5  | 51.5   | 51.5  | 51.5 | 51.5  |
| >=8000  | 27.9                       | 46.1 | 50.1 | 52.7 | 54.1 | 54.3    | 55.3 | 55.6    | 55.6 | 55.7  | 55.7  | 55.7  | 55.7   | 55.7  | 55.7 | 55.7  |
| >=7000  | 29.2                       | 50.1 | 52.3 | 54.8 | 56.3 | 56.5    | 57.4 | 57.7    | 57.7 | 57.8  | 57.8  | 57.8  | 57.8   | 57.8  | 57.8 | 57.8  |
| >=6000  | 29.6                       | 50.9 | 53.1 | 55.6 | 57.0 | 57.2    | 58.2 | 58.5    | 58.5 | 58.6  | 58.6  | 58.6  | 58.6   | 58.6  | 58.6 | 58.6  |
| >=5000  | 31.2                       | 53.9 | 56.1 | 58.6 | 60.1 | 60.3    | 61.3 | 61.6    | 61.6 | 61.7  | 61.7  | 61.7  | 61.7   | 61.7  | 61.7 | 61.7  |
| >=4500  | 32.0                       | 54.9 | 57.1 | 59.7 | 61.1 | 61.4    | 62.4 | 62.7    | 62.7 | 62.8  | 62.8  | 62.8  | 62.8   | 62.8  | 62.8 | 62.8  |
| >=4000  | 36.2                       | 62.6 | 65.1 | 68.0 | 69.8 | 70.2    | 71.1 | 71.4    | 71.4 | 71.6  | 71.6  | 71.7  | 71.7   | 71.7  | 71.7 | 71.7  |
| >=3500  | 37.7                       | 65.3 | 68.3 | 71.4 | 73.4 | 73.8    | 74.9 | 75.2    | 75.3 | 75.4  | 75.4  | 75.6  | 75.6   | 75.6  | 75.6 | 75.6  |
| >=3000  | 40.1                       | 72.2 | 75.9 | 79.8 | 82.3 | 82.7    | 84.1 | 84.4    | 84.5 | 84.6  | 84.6  | 84.8  | 84.8   | 84.8  | 84.8 | 84.8  |
| >=2500  | 40.9                       | 74.0 | 77.8 | 81.8 | 84.5 | 84.8    | 86.2 | 86.5    | 86.7 | 86.8  | 86.8  | 87.0  | 87.0   | 87.0  | 87.0 | 87.0  |
| >=2000  | 42.0                       | 75.9 | 79.8 | 84.2 | 87.0 | 87.5    | 89.1 | 89.5    | 89.9 | 90.0  | 90.0  | 90.3  | 90.3   | 90.3  | 90.3 | 90.3  |
| >=1800  | 42.0                       | 75.9 | 79.8 | 84.2 | 87.0 | 87.5    | 89.1 | 89.5    | 89.9 | 90.0  | 90.0  | 90.3  | 90.3   | 90.3  | 90.3 | 90.3  |
| >=1500  | 42.3                       | 77.0 | 81.3 | 86.2 | 89.3 | 90.0    | 91.7 | 92.1    | 92.6 | 92.8  | 92.8  | 93.3  | 93.3   | 93.3  | 93.3 | 93.3  |
| >=1200  | 42.5                       | 77.3 | 81.6 | 86.5 | 89.7 | 90.4    | 92.2 | 92.6    | 93.1 | 93.3  | 93.3  | 93.8  | 93.8   | 93.8  | 93.8 | 93.8  |
| >=1000  | 42.6                       | 78.1 | 82.6 | 87.8 | 91.4 | 92.0    | 94.3 | 94.8    | 95.6 | 95.8  | 95.9  | 96.4  | 96.4   | 96.4  | 96.4 | 96.4  |
| >=900   | 42.6                       | 78.1 | 82.6 | 87.9 | 91.4 | 92.1    | 94.4 | 94.9    | 95.7 | 95.9  | 96.0  | 96.5  | 96.5   | 96.5  | 96.5 | 96.5  |
| >=800   | 42.6                       | 78.2 | 82.8 | 88.0 | 91.8 | 92.5    | 94.8 | 95.5    | 96.4 | 96.7  | 96.8  | 97.3  | 97.3   | 97.4  | 97.4 | 97.4  |
| >=700   | 42.8                       | 78.4 | 83.0 | 88.2 | 92.0 | 92.7    | 95.2 | 96.0    | 97.0 | 97.3  | 97.4  | 97.9  | 97.9   | 98.0  | 98.0 | 98.0  |
| >=600   | 42.8                       | 78.4 | 83.1 | 88.3 | 92.1 | 92.8    | 95.3 | 96.1    | 97.2 | 97.5  | 97.6  | 98.1  | 98.1   | 98.2  | 98.2 | 98.2  |
| >=500   | 42.9                       | 78.5 | 83.2 | 88.5 | 92.5 | 93.2    | 95.8 | 96.7    | 98.0 | 98.3  | 98.4  | 99.0  | 99.0   | 99.2  | 99.2 | 99.2  |
| >=400   | 42.9                       | 78.5 | 83.2 | 88.5 | 92.6 | 93.3    | 95.9 | 96.8    | 98.1 | 98.4  | 98.5  | 99.1  | 99.1   | 99.3  | 99.3 | 99.3  |
| >=300   | 42.9                       | 78.5 | 83.2 | 88.5 | 92.6 | 93.3    | 96.0 | 96.9    | 98.2 | 98.5  | 98.6  | 99.3  | 99.3   | 99.5  | 99.5 | 99.5  |
| >=200   | 42.9                       | 78.5 | 83.2 | 88.6 | 92.7 | 93.4    | 96.1 | 97.0    | 98.3 | 98.6  | 98.7  | 99.5  | 99.5   | 99.7  | 99.7 | 99.7  |
| >=100   | 42.9                       | 78.5 | 83.2 | 88.6 | 92.7 | 93.4    | 96.1 | 97.0    | 98.3 | 98.6  | 98.7  | 99.5  | 99.5   | 99.7  | 99.7 | 99.7  |
| >=0     | 42.9                       | 78.5 | 83.2 | 88.6 | 92.7 | 93.4    | 96.1 | 97.0    | 98.3 | 98.7  | 98.8  | 99.6  | 99.6   | 99.8  | 99.8 | 100.0 |

TOTAL NO. OF OBS : 1029

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : 0300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 |
| UNLIMIT | 19.5                       | 35.0 | 36.9 | 39.2 | 40.9 | 41.2 | 41.7 | 42.5 | 42.5 | 42.6 | 42.6 | 42.6 | 42.6  | 42.6  | 42.6  | 42.6   |
| >=20000 | 19.9                       | 36.5 | 38.5 | 41.0 | 42.8 | 43.2 | 43.7 | 44.5 | 44.5 | 44.7 | 44.8 | 44.8 | 44.8  | 44.8  | 44.8  | 44.9   |
| >=18000 | 19.9                       | 36.5 | 38.5 | 41.0 | 42.8 | 43.2 | 43.7 | 44.5 | 44.5 | 44.7 | 44.8 | 44.8 | 44.8  | 44.8  | 44.8  | 44.9   |
| >=16000 | 19.9                       | 36.6 | 38.6 | 41.1 | 42.9 | 43.3 | 43.8 | 44.6 | 44.6 | 44.8 | 44.9 | 44.9 | 44.9  | 44.9  | 44.9  | 45.0   |
| >=14000 | 20.2                       | 37.0 | 39.0 | 41.7 | 43.5 | 43.9 | 44.4 | 45.2 | 45.2 | 45.4 | 45.5 | 45.5 | 45.5  | 45.5  | 45.5  | 45.6   |
| >=12000 | 21.0                       | 38.1 | 40.2 | 43.0 | 44.9 | 45.3 | 45.9 | 46.6 | 46.6 | 46.8 | 46.9 | 46.9 | 46.9  | 46.9  | 46.9  | 47.0   |
| >=10000 | 22.1                       | 39.6 | 42.0 | 45.0 | 46.9 | 47.3 | 48.2 | 49.0 | 49.0 | 49.2 | 49.3 | 49.3 | 49.3  | 49.3  | 49.3  | 49.4   |
| >= 9000 | 22.4                       | 40.2 | 42.6 | 45.7 | 47.7 | 48.1 | 49.0 | 49.8 | 49.8 | 50.0 | 50.0 | 50.0 | 50.0  | 50.0  | 50.0  | 50.1   |
| >= 8000 | 23.8                       | 43.1 | 45.8 | 49.0 | 51.1 | 51.5 | 52.5 | 53.3 | 53.3 | 53.5 | 53.6 | 53.6 | 53.6  | 53.6  | 53.6  | 53.7   |
| >= 7000 | 25.0                       | 45.3 | 47.9 | 51.1 | 53.3 | 53.7 | 54.6 | 55.4 | 55.4 | 55.6 | 55.7 | 55.7 | 55.7  | 55.7  | 55.7  | 55.8   |
| >= 6000 | 26.2                       | 46.5 | 49.3 | 52.5 | 54.7 | 55.1 | 56.1 | 56.9 | 56.9 | 57.1 | 57.2 | 57.2 | 57.2  | 57.2  | 57.2  | 57.3   |
| >= 5000 | 28.0                       | 49.6 | 52.4 | 55.6 | 57.8 | 58.3 | 59.4 | 60.2 | 60.2 | 60.4 | 60.5 | 60.5 | 60.5  | 60.5  | 60.5  | 60.6   |
| >= 4500 | 28.7                       | 50.5 | 53.4 | 56.7 | 58.9 | 59.4 | 60.5 | 61.2 | 61.2 | 61.4 | 61.5 | 61.5 | 61.5  | 61.5  | 61.5  | 61.6   |
| >= 4000 | 32.3                       | 58.0 | 61.4 | 65.3 | 67.7 | 68.4 | 69.8 | 70.6 | 70.6 | 70.9 | 71.0 | 71.0 | 71.0  | 71.0  | 71.0  | 71.1   |
| >= 3500 | 33.3                       | 60.3 | 64.0 | 68.0 | 70.4 | 71.2 | 72.7 | 73.5 | 73.5 | 73.8 | 73.9 | 73.9 | 73.9  | 73.9  | 73.9  | 74.0   |
| >= 3000 | 35.5                       | 67.2 | 71.5 | 76.1 | 79.5 | 80.2 | 81.9 | 82.7 | 82.7 | 83.1 | 83.2 | 83.2 | 83.2  | 83.2  | 83.2  | 83.3   |
| >= 2500 | 36.4                       | 69.1 | 73.6 | 78.6 | 82.0 | 82.8 | 84.5 | 85.3 | 85.3 | 85.7 | 85.8 | 85.8 | 85.8  | 85.8  | 85.8  | 86.0   |
| >= 2000 | 37.0                       | 70.4 | 74.9 | 80.4 | 84.2 | 85.0 | 87.0 | 88.0 | 88.0 | 88.5 | 88.6 | 88.6 | 88.6  | 88.6  | 88.6  | 88.9   |
| >= 1800 | 37.0                       | 70.4 | 74.9 | 80.4 | 84.2 | 85.0 | 87.0 | 88.0 | 88.0 | 88.5 | 88.6 | 88.6 | 88.6  | 88.6  | 88.6  | 88.9   |
| >= 1500 | 37.4                       | 72.1 | 76.5 | 82.6 | 86.7 | 87.7 | 90.3 | 91.6 | 91.6 | 92.1 | 92.2 | 92.2 | 92.2  | 92.2  | 92.2  | 92.6   |
| >= 1200 | 37.5                       | 72.2 | 76.7 | 83.2 | 87.3 | 88.4 | 91.0 | 92.4 | 92.4 | 92.9 | 93.0 | 93.0 | 93.0  | 93.0  | 93.0  | 93.4   |
| >= 1000 | 37.6                       | 73.0 | 77.8 | 84.8 | 89.7 | 90.7 | 93.7 | 95.1 | 95.1 | 96.0 | 96.3 | 96.4 | 96.4  | 96.4  | 96.4  | 96.9   |
| >= 900  | 37.6                       | 73.0 | 77.8 | 84.9 | 89.8 | 90.8 | 93.8 | 95.2 | 95.2 | 96.1 | 96.4 | 96.5 | 96.5  | 96.5  | 96.5  | 97.0   |
| >= 800  | 37.7                       | 73.4 | 78.3 | 85.6 | 90.7 | 91.8 | 94.8 | 96.5 | 96.5 | 97.5 | 97.8 | 97.9 | 98.2  | 98.2  | 98.2  | 98.3   |
| >= 700  | 37.7                       | 73.6 | 78.5 | 85.8 | 90.9 | 92.0 | 95.1 | 97.0 | 97.0 | 98.0 | 98.2 | 98.3 | 98.7  | 98.7  | 98.7  | 98.8   |
| >= 600  | 37.7                       | 73.7 | 78.6 | 85.9 | 91.0 | 92.1 | 95.2 | 97.1 | 97.1 | 98.1 | 98.4 | 98.5 | 98.9  | 98.9  | 98.9  | 99.0   |
| >= 500  | 37.7                       | 73.7 | 78.7 | 86.1 | 91.2 | 92.3 | 95.4 | 97.3 | 97.3 | 98.2 | 98.6 | 98.8 | 99.2  | 99.2  | 99.2  | 99.3   |
| >= 400  | 37.7                       | 73.7 | 78.7 | 86.1 | 91.2 | 92.3 | 95.4 | 97.3 | 97.3 | 98.2 | 98.7 | 98.9 | 99.4  | 99.4  | 99.4  | 99.6   |
| >= 300  | 37.7                       | 73.7 | 78.7 | 86.1 | 91.3 | 92.4 | 95.5 | 97.4 | 97.4 | 98.3 | 98.8 | 99.0 | 99.6  | 99.6  | 99.6  | 99.8   |
| >= 200  | 37.7                       | 73.7 | 78.7 | 86.1 | 91.3 | 92.4 | 95.5 | 97.4 | 97.4 | 98.3 | 98.8 | 99.0 | 99.8  | 99.8  | 99.8  | 100.0  |
| >= 100  | 37.7                       | 73.7 | 78.7 | 86.1 | 91.3 | 92.4 | 95.5 | 97.4 | 97.4 | 98.3 | 98.8 | 99.0 | 99.8  | 99.8  | 99.8  | 100.0  |
| >= 0    | 37.7                       | 73.7 | 78.7 | 86.1 | 91.3 | 92.4 | 95.5 | 97.4 | 97.4 | 98.3 | 98.8 | 99.0 | 99.8  | 99.8  | 99.8  | 100.0  |

TOTAL NO. OF OBS : 1027

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : MAR  
HOUR : 0600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 |
| UNLIMIT | 17.7                       | 31.5 | 34.7 | 37.1 | 39.0 | 39.1 | 39.9 | 40.6 | 40.7 | 41.2 | 41.4 | 41.4 | 41.5 | 41.5 | 41.5  | 41.5  |
| >=20000 | 18.0                       | 32.9 | 36.2 | 39.0 | 40.9 | 41.1 | 42.1 | 42.8 | 42.9 | 43.5 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8  | 43.8  |
| >=18000 | 18.1                       | 33.0 | 36.3 | 39.1 | 41.1 | 41.3 | 42.3 | 43.0 | 43.1 | 43.7 | 43.9 | 43.9 | 44.0 | 44.0 | 44.0  | 44.0  |
| >=16000 | 18.1                       | 33.0 | 36.3 | 39.2 | 41.2 | 41.4 | 42.4 | 43.1 | 43.2 | 43.8 | 44.0 | 44.0 | 44.1 | 44.1 | 44.1  | 44.1  |
| >=14000 | 18.2                       | 33.2 | 36.5 | 39.6 | 41.6 | 41.9 | 42.9 | 43.7 | 43.8 | 44.3 | 44.6 | 44.6 | 44.7 | 44.7 | 44.7  | 44.7  |
| >=12000 | 18.2                       | 33.4 | 36.8 | 39.8 | 42.0 | 42.3 | 43.4 | 44.2 | 44.3 | 44.9 | 45.2 | 45.2 | 45.3 | 45.3 | 45.3  | 45.3  |
| >=10000 | 18.5                       | 34.6 | 38.7 | 42.1 | 44.3 | 44.6 | 45.7 | 46.7 | 46.8 | 47.5 | 47.8 | 47.8 | 47.9 | 47.9 | 47.9  | 47.9  |
| >= 9000 | 19.3                       | 35.9 | 40.0 | 43.6 | 46.2 | 46.5 | 47.6 | 48.5 | 48.6 | 49.3 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7  | 49.7  |
| >= 8000 | 20.0                       | 37.7 | 42.2 | 45.8 | 48.6 | 49.0 | 50.1 | 51.3 | 51.4 | 52.1 | 52.3 | 52.3 | 52.4 | 52.4 | 52.4  | 52.4  |
| >= 7000 | 20.8                       | 39.0 | 43.6 | 47.2 | 50.1 | 50.6 | 51.7 | 52.8 | 52.9 | 53.6 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0  | 54.0  |
| >= 6000 | 21.4                       | 39.9 | 44.5 | 48.1 | 51.1 | 51.6 | 52.6 | 53.8 | 53.9 | 54.6 | 54.9 | 54.9 | 55.0 | 55.0 | 55.0  | 55.0  |
| >= 5000 | 23.1                       | 43.3 | 48.1 | 52.0 | 55.2 | 55.7 | 56.7 | 57.9 | 58.0 | 58.7 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1  | 59.1  |
| >= 4500 | 23.8                       | 44.5 | 49.5 | 53.3 | 56.6 | 57.1 | 58.3 | 59.5 | 59.6 | 60.3 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6  | 60.6  |
| >= 4000 | 26.5                       | 49.5 | 55.2 | 60.0 | 63.7 | 64.2 | 65.4 | 66.6 | 66.7 | 67.4 | 67.7 | 67.7 | 67.9 | 67.9 | 67.9  | 67.9  |
| >= 3500 | 27.3                       | 51.3 | 57.1 | 62.3 | 66.2 | 66.8 | 68.2 | 69.4 | 69.5 | 70.4 | 70.7 | 70.7 | 70.9 | 70.9 | 70.9  | 70.9  |
| >= 3000 | 29.6                       | 58.0 | 65.0 | 71.3 | 76.1 | 76.7 | 78.3 | 79.6 | 79.7 | 80.6 | 80.9 | 80.9 | 81.2 | 81.2 | 81.2  | 81.2  |
| >= 2500 | 30.5                       | 59.5 | 66.6 | 72.9 | 77.8 | 78.4 | 80.2 | 81.4 | 81.5 | 82.4 | 82.7 | 82.7 | 83.0 | 83.0 | 83.0  | 83.0  |
| >= 2000 | 31.1                       | 61.1 | 68.8 | 75.9 | 81.2 | 81.8 | 83.8 | 85.5 | 85.6 | 86.6 | 86.9 | 86.9 | 87.3 | 87.3 | 87.4  | 87.4  |
| >= 1800 | 31.1                       | 61.1 | 68.8 | 75.9 | 81.2 | 81.8 | 83.8 | 85.5 | 85.6 | 86.6 | 86.9 | 86.9 | 87.3 | 87.3 | 87.4  | 87.4  |
| >= 1500 | 31.3                       | 62.2 | 70.2 | 77.5 | 83.3 | 84.0 | 86.9 | 89.0 | 89.1 | 90.1 | 90.4 | 90.4 | 90.9 | 90.9 | 91.0  | 91.0  |
| >= 1200 | 31.3                       | 62.6 | 70.6 | 78.0 | 83.9 | 84.6 | 87.5 | 89.6 | 89.6 | 90.7 | 91.0 | 91.0 | 91.5 | 91.5 | 91.6  | 91.6  |
| >= 1000 | 31.4                       | 63.4 | 71.5 | 79.0 | 85.6 | 86.3 | 89.6 | 91.8 | 91.9 | 93.2 | 93.6 | 93.6 | 94.1 | 94.1 | 94.2  | 94.2  |
| >= 900  | 31.4                       | 63.4 | 71.5 | 79.1 | 85.7 | 86.4 | 89.7 | 91.9 | 92.0 | 93.3 | 93.7 | 93.7 | 94.2 | 94.2 | 94.3  | 94.3  |
| >= 800  | 31.6                       | 63.9 | 72.3 | 79.9 | 87.1 | 87.8 | 91.5 | 93.8 | 93.9 | 95.2 | 95.7 | 95.7 | 96.4 | 96.4 | 96.5  | 96.5  |
| >= 700  | 31.6                       | 64.0 | 72.5 | 80.2 | 87.5 | 88.2 | 91.9 | 94.2 | 94.3 | 95.6 | 96.3 | 96.3 | 97.1 | 97.1 | 97.2  | 97.2  |
| >= 600  | 31.6                       | 64.1 | 72.7 | 80.4 | 87.7 | 88.4 | 92.1 | 94.6 | 94.7 | 96.0 | 96.7 | 96.7 | 97.5 | 97.5 | 97.6  | 97.6  |
| >= 500  | 31.6                       | 64.2 | 72.9 | 80.8 | 88.2 | 88.9 | 92.7 | 95.3 | 95.4 | 96.7 | 97.5 | 97.5 | 98.2 | 98.2 | 98.3  | 98.3  |
| >= 400  | 31.6                       | 64.2 | 72.9 | 80.9 | 88.3 | 89.0 | 92.8 | 95.4 | 95.5 | 96.8 | 97.8 | 97.8 | 98.6 | 98.6 | 98.7  | 98.7  |
| >= 300  | 31.6                       | 64.2 | 72.9 | 80.9 | 88.4 | 89.1 | 92.9 | 95.5 | 95.6 | 96.9 | 97.9 | 97.9 | 98.9 | 98.9 | 99.1  | 99.1  |
| >= 200  | 31.6                       | 64.2 | 72.9 | 80.9 | 88.4 | 89.1 | 92.9 | 95.5 | 95.6 | 96.9 | 97.9 | 97.9 | 99.1 | 99.1 | 99.6  | 99.6  |
| >= 100  | 31.6                       | 64.2 | 72.9 | 80.9 | 88.4 | 89.1 | 92.9 | 95.5 | 95.6 | 96.9 | 97.9 | 97.9 | 99.1 | 99.1 | 99.7  | 99.7  |
| >= 0    | 31.6                       | 64.2 | 72.9 | 80.9 | 88.4 | 89.1 | 92.9 | 95.5 | 95.6 | 96.9 | 97.9 | 97.9 | 99.1 | 99.1 | 99.7  | 100.0 |

TOTAL NO. OF OBS : 1024

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : MAR  
HOUR : 0900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |         |         |         |      |
|---------|----------------------------|------|------|------|------|---------|---------|---------|---------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2 1/2 | >=1 1/2 | >=1 1/4 | >=1  |
| UNLIMIT | 13.1                       | 28.9 | 31.6 | 34.3 | 36.1 | 36.4    | 37.8    | 39.3    | 39.6    | 40.2 |
| >=20000 | 13.7                       | 30.7 | 34.0 | 36.9 | 39.0 | 39.3    | 41.1    | 42.7    | 43.0    | 43.6 |
| >=18000 | 13.7                       | 30.9 | 34.2 | 37.3 | 39.4 | 39.7    | 41.5    | 43.1    | 43.3    | 44.0 |
| >=16000 | 13.8                       | 31.0 | 34.4 | 37.5 | 39.6 | 39.9    | 41.7    | 43.3    | 43.5    | 44.2 |
| >=14000 | 13.9                       | 31.2 | 34.6 | 37.7 | 39.9 | 40.2    | 42.0    | 43.5    | 43.8    | 44.5 |
| >=12000 | 14.3                       | 32.1 | 35.5 | 38.9 | 41.1 | 41.5    | 43.3    | 44.8    | 45.2    | 45.9 |
| >=10000 | 14.9                       | 34.4 | 37.8 | 41.8 | 44.4 | 45.2    | 47.2    | 48.9    | 49.3    | 50.0 |
| >=9000  | 15.0                       | 34.9 | 38.4 | 42.6 | 45.3 | 46.1    | 48.3    | 50.0    | 50.4    | 51.2 |
| >=8000  | 15.6                       | 37.0 | 41.3 | 45.7 | 48.9 | 49.7    | 51.8    | 53.8    | 54.2    | 55.0 |
| >=7000  | 15.8                       | 38.1 | 42.6 | 47.3 | 50.7 | 51.5    | 53.9    | 55.9    | 56.3    | 57.0 |
| >=6000  | 16.2                       | 38.6 | 43.2 | 48.2 | 51.6 | 52.4    | 54.8    | 56.7    | 57.1    | 57.9 |
| >=5000  | 17.4                       | 42.0 | 46.8 | 52.2 | 55.8 | 56.7    | 59.2    | 61.3    | 61.7    | 62.5 |
| >=4500  | 17.9                       | 43.4 | 48.5 | 54.0 | 57.5 | 58.4    | 61.0    | 63.1    | 63.5    | 64.3 |
| >=4000  | 19.3                       | 47.5 | 53.6 | 59.9 | 63.7 | 64.8    | 67.5    | 69.9    | 70.3    | 71.1 |
| >=3500  | 20.0                       | 49.9 | 56.5 | 62.8 | 66.7 | 68.0    | 70.8    | 73.3    | 73.8    | 74.6 |
| >=3000  | 20.9                       | 53.0 | 60.4 | 67.8 | 72.1 | 73.6    | 77.1    | 79.6    | 80.3    | 81.2 |
| >=2500  | 21.5                       | 54.2 | 61.8 | 69.4 | 73.8 | 75.3    | 78.9    | 81.6    | 82.3    | 83.2 |
| >=2000  | 21.6                       | 55.6 | 63.3 | 70.9 | 75.7 | 77.2    | 81.3    | 84.1    | 84.8    | 85.7 |
| >=1800  | 21.6                       | 55.6 | 63.3 | 70.9 | 75.9 | 77.4    | 81.5    | 84.3    | 85.0    | 85.9 |
| >=1500  | 21.6                       | 55.9 | 63.8 | 72.2 | 77.5 | 79.1    | 83.4    | 86.7    | 87.5    | 88.5 |
| >=1200  | 21.6                       | 56.2 | 64.1 | 72.7 | 78.2 | 79.9    | 84.2    | 87.5    | 88.3    | 89.3 |
| >=1000  | 21.7                       | 56.6 | 64.9 | 74.0 | 80.2 | 82.1    | 86.5    | 89.9    | 90.8    | 92.1 |
| >=900   | 21.7                       | 56.7 | 65.0 | 74.1 | 80.4 | 82.3    | 86.8    | 90.1    | 91.1    | 92.4 |
| >=800   | 21.9                       | 57.0 | 65.6 | 74.8 | 81.2 | 83.1    | 88.0    | 91.5    | 92.5    | 94.0 |
| >=700   | 21.9                       | 57.1 | 65.7 | 74.9 | 81.3 | 83.2    | 88.1    | 91.7    | 92.8    | 94.5 |
| >=600   | 21.9                       | 57.2 | 65.9 | 75.1 | 81.5 | 83.3    | 88.6    | 92.3    | 93.4    | 95.2 |
| >=500   | 21.9                       | 57.2 | 65.9 | 75.4 | 81.8 | 83.7    | 89.0    | 92.7    | 93.9    | 96.0 |
| >=400   | 21.9                       | 57.2 | 65.9 | 75.4 | 81.9 | 83.9    | 89.2    | 93.0    | 94.2    | 96.5 |
| >=300   | 21.9                       | 57.2 | 65.9 | 75.4 | 82.0 | 84.0    | 89.4    | 93.2    | 94.4    | 96.7 |
| >=200   | 21.9                       | 57.2 | 65.9 | 75.4 | 82.0 | 84.0    | 89.4    | 93.2    | 94.4    | 96.7 |
| >=100   | 21.9                       | 57.2 | 65.9 | 75.4 | 82.0 | 84.0    | 89.4    | 93.2    | 94.4    | 96.7 |
| >=      | 21.9                       | 57.2 | 65.9 | 75.4 | 82.0 | 84.0    | 89.4    | 93.2    | 94.4    | 96.7 |

TOTAL NO. OF OPS : 1015

# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/4  | >=1/4 |
| UNLIMIT | 17.1                       | 35.0 | 38.9 | 41.4 | 42.8 | 43.1 | 44.2 | 44.9 | 44.9 | 45.2  |
| >=20000 | 17.8                       | 38.3 | 42.4 | 45.5 | 47.3 | 47.6 | 48.7 | 49.5 | 49.5 | 49.8  |
| >=18000 | 17.8                       | 38.4 | 42.5 | 45.8 | 47.5 | 47.9 | 49.0 | 49.8 | 49.8 | 50.1  |
| >=16000 | 17.9                       | 38.5 | 42.6 | 45.9 | 47.6 | 48.0 | 49.1 | 49.9 | 49.9 | 50.2  |
| >=14000 | 18.2                       | 39.3 | 43.4 | 46.7 | 48.4 | 48.8 | 49.9 | 50.7 | 50.7 | 51.0  |
| >=12000 | 18.4                       | 40.1 | 44.3 | 47.8 | 49.7 | 50.1 | 51.2 | 52.0 | 52.0 | 52.3  |
| >=10000 | 19.1                       | 42.3 | 47.2 | 51.1 | 53.1 | 53.5 | 54.6 | 55.6 | 55.6 | 56.1  |
| >= 9000 | 19.3                       | 42.9 | 47.9 | 52.0 | 54.0 | 54.4 | 55.6 | 56.6 | 56.6 | 57.1  |
| >= 8000 | 20.1                       | 45.1 | 50.4 | 54.8 | 57.2 | 57.5 | 58.9 | 60.0 | 60.0 | 60.5  |
| >= 7000 | 20.6                       | 46.4 | 52.0 | 56.5 | 58.9 | 59.3 | 60.9 | 62.0 | 62.0 | 62.5  |
| >= 6000 | 20.8                       | 47.2 | 52.7 | 57.3 | 59.8 | 60.2 | 61.8 | 62.9 | 62.9 | 63.7  |
| >= 5000 | 21.4                       | 49.5 | 55.3 | 60.1 | 62.9 | 63.4 | 65.0 | 66.4 | 66.4 | 67.3  |
| >= 4500 | 21.8                       | 50.8 | 56.6 | 61.5 | 64.4 | 64.9 | 66.6 | 68.0 | 68.0 | 68.9  |
| >= 4000 | 23.4                       | 54.6 | 60.9 | 66.5 | 69.5 | 70.1 | 72.4 | 74.3 | 74.3 | 75.3  |
| >= 3500 | 24.0                       | 56.1 | 62.7 | 68.6 | 72.0 | 72.5 | 75.2 | 77.3 | 77.3 | 78.2  |
| >= 3000 | 24.9                       | 59.3 | 66.6 | 72.7 | 76.6 | 77.4 | 80.4 | 82.6 | 82.7 | 83.8  |
| >= 2500 | 25.3                       | 60.3 | 67.8 | 74.4 | 78.3 | 79.1 | 82.4 | 84.7 | 84.8 | 85.9  |
| >= 2000 | 25.3                       | 61.1 | 68.8 | 75.6 | 79.5 | 80.5 | 84.0 | 86.6 | 86.8 | 87.8  |
| >= 1800 | 25.3                       | 61.8 | 69.8 | 76.7 | 80.8 | 82.0 | 85.8 | 88.5 | 88.7 | 90.0  |
| >= 1500 | 25.4                       | 62.1 | 70.1 | 77.0 | 81.1 | 82.3 | 86.2 | 89.9 | 89.2 | 90.6  |
| >= 1200 | 25.4                       | 62.4 | 70.6 | 77.6 | 82.4 | 83.7 | 88.1 | 91.2 | 91.5 | 93.0  |
| >= 900  | 25.4                       | 62.4 | 70.6 | 77.6 | 82.4 | 83.7 | 88.1 | 91.2 | 91.6 | 93.1  |
| >= 800  | 25.6                       | 62.8 | 71.3 | 78.4 | 83.4 | 84.8 | 89.7 | 92.9 | 93.3 | 95.1  |
| >= 700  | 25.6                       | 62.9 | 71.4 | 78.5 | 83.5 | 84.9 | 89.8 | 93.2 | 93.6 | 95.6  |
| >= 600  | 25.6                       | 62.9 | 71.5 | 78.6 | 83.6 | 85.0 | 90.0 | 93.4 | 93.8 | 95.9  |
| >= 500  | 25.6                       | 62.9 | 71.5 | 78.7 | 83.7 | 85.1 | 90.2 | 93.7 | 94.1 | 96.4  |
| >= 400  | 25.6                       | 62.9 | 71.5 | 78.8 | 83.8 | 85.2 | 90.3 | 93.9 | 94.4 | 96.7  |
| >= 300  | 25.6                       | 62.9 | 71.5 | 78.8 | 83.8 | 85.2 | 90.3 | 93.9 | 94.4 | 96.8  |
| >= 200  | 25.6                       | 62.9 | 71.5 | 78.8 | 83.8 | 85.2 | 90.3 | 93.9 | 94.4 | 96.8  |
| >= 100  | 25.6                       | 62.9 | 71.5 | 78.8 | 83.8 | 85.2 | 90.3 | 93.9 | 94.4 | 96.8  |
| >= 0    | 25.6                       | 62.9 | 71.5 | 78.8 | 83.8 | 85.2 | 90.3 | 93.9 | 94.4 | 96.8  |

TOTAL NO. OF OBS : 1020



## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : 1500 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 21.3                       | 39.0 | 39.6 | 40.3 | 41.0 | 41.1 | 41.3 | 41.3 | 41.4 | 41.4 |
| >=20000 | 22.7                       | 44.3 | 45.0 | 46.1 | 46.9 | 47.0 | 47.2 | 47.2 | 47.3 | 47.3 |
| >=18000 | 22.7                       | 44.7 | 45.4 | 46.5 | 47.3 | 47.4 | 47.6 | 47.6 | 47.7 | 47.7 |
| >=16000 | 22.7                       | 44.9 | 45.6 | 46.7 | 47.5 | 47.6 | 47.8 | 47.8 | 47.9 | 47.9 |
| >=14000 | 23.1                       | 45.5 | 46.2 | 47.3 | 48.2 | 48.3 | 48.5 | 48.6 | 48.6 | 48.6 |
| >=12000 | 23.8                       | 46.9 | 47.9 | 49.0 | 49.9 | 50.0 | 50.1 | 50.2 | 50.2 | 50.2 |
| >=10000 | 25.1                       | 50.1 | 51.5 | 52.6 | 53.7 | 53.9 | 54.1 | 54.3 | 54.4 | 54.4 |
| >=9000  | 25.7                       | 51.0 | 52.4 | 53.5 | 54.6 | 54.8 | 55.0 | 55.2 | 55.4 | 55.4 |
| >=8000  | 27.0                       | 53.8 | 55.5 | 56.8 | 57.9 | 58.2 | 58.5 | 58.7 | 58.9 | 58.9 |
| >=7000  | 27.9                       | 55.0 | 56.8 | 58.3 | 59.7 | 60.0 | 60.3 | 60.6 | 60.8 | 60.8 |
| >=6000  | 28.6                       | 56.3 | 58.2 | 59.6 | 61.1 | 61.4 | 61.7 | 62.0 | 62.2 | 62.2 |
| >=5000  | 29.8                       | 59.7 | 61.8 | 63.4 | 65.0 | 65.3 | 65.6 | 65.9 | 66.1 | 66.1 |
| >=4500  | 30.2                       | 61.5 | 63.8 | 65.5 | 67.1 | 67.4 | 67.7 | 68.0 | 68.2 | 68.2 |
| >=4000  | 32.4                       | 66.7 | 69.3 | 71.7 | 73.4 | 73.8 | 74.1 | 74.6 | 74.9 | 74.9 |
| >=3500  | 32.8                       | 68.5 | 71.3 | 73.9 | 75.6 | 76.0 | 76.5 | 77.0 | 77.3 | 77.3 |
| >=3000  | 33.8                       | 72.5 | 75.8 | 78.9 | 81.2 | 81.7 | 82.3 | 83.2 | 83.7 | 83.8 |
| >=2500  | 34.6                       | 73.5 | 77.2 | 80.4 | 82.9 | 83.4 | 84.2 | 85.1 | 85.6 | 85.8 |
| >=2000  | 35.3                       | 75.1 | 78.9 | 82.6 | 85.4 | 85.9 | 87.1 | 88.2 | 88.9 | 89.1 |
| >=1800  | 35.3                       | 75.1 | 78.9 | 82.6 | 85.4 | 85.9 | 87.1 | 88.2 | 88.9 | 89.1 |
| >=1500  | 35.4                       | 76.1 | 79.9 | 83.7 | 86.4 | 87.1 | 88.4 | 89.7 | 90.0 | 90.5 |
| >=1200  | 35.4                       | 76.3 | 80.2 | 84.0 | 86.8 | 87.5 | 88.9 | 90.2 | 90.5 | 91.0 |
| >=1000  | 35.5                       | 77.2 | 81.2 | 85.5 | 88.8 | 89.6 | 91.4 | 92.9 | 93.2 | 94.2 |
| >=900   | 35.5                       | 77.3 | 81.4 | 85.9 | 89.3 | 90.4 | 92.4 | 94.3 | 94.6 | 94.7 |
| >=800   | 35.5                       | 77.3 | 81.5 | 86.1 | 89.6 | 90.7 | 93.0 | 95.0 | 95.3 | 96.4 |
| >=700   | 35.5                       | 77.3 | 81.6 | 86.2 | 89.8 | 91.1 | 93.5 | 95.5 | 95.9 | 97.1 |
| >=600   | 35.5                       | 77.3 | 81.7 | 86.4 | 90.1 | 91.5 | 93.6 | 96.1 | 96.5 | 97.8 |
| >=500   | 35.5                       | 77.3 | 81.7 | 86.4 | 90.4 | 91.7 | 94.1 | 96.3 | 96.7 | 98.0 |
| >=400   | 35.5                       | 77.3 | 81.7 | 86.4 | 90.4 | 91.8 | 94.2 | 96.4 | 96.8 | 98.0 |
| >=300   | 35.5                       | 77.3 | 81.7 | 86.4 | 90.4 | 91.8 | 94.2 | 96.4 | 96.8 | 98.0 |
| >=200   | 35.5                       | 77.3 | 81.7 | 86.4 | 90.4 | 91.8 | 94.2 | 96.4 | 96.8 | 98.0 |
| >=100   | 35.5                       | 77.3 | 81.7 | 86.4 | 90.4 | 91.8 | 94.2 | 96.4 | 96.8 | 98.0 |
| >=0     | 35.5                       | 77.3 | 81.7 | 86.4 | 90.4 | 91.8 | 94.2 | 96.4 | 96.8 | 98.0 |

TOTAL NO. OF OBS : 1011

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : MAR  
HOUR : 1800 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
|         | >=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   |
| UNLIMIT | 18.5                       | 35.9 | 37.9 | 38.8 | 39.4 | 39.5    | 39.9 | 40.0    | 40.0    | 40.0 | 40.0  | 40.0  | 40.0  | 40.0   | 40.0  | 40.0  |
| >=20000 | 19.3                       | 39.3 | 41.4 | 42.5 | 43.2 | 43.3    | 43.8 | 43.8    | 43.8    | 43.8 | 43.8  | 43.8  | 43.8  | 43.8   | 43.8  | 43.8  |
| >=18000 | 19.4                       | 39.4 | 41.5 | 42.6 | 43.3 | 43.4    | 43.8 | 43.9    | 43.9    | 43.9 | 43.9  | 43.9  | 43.9  | 43.9   | 43.9  | 43.9  |
| >=16000 | 19.7                       | 39.5 | 41.6 | 42.7 | 43.4 | 43.5    | 43.9 | 44.0    | 44.0    | 44.0 | 44.0  | 44.0  | 44.0  | 44.0   | 44.0  | 44.0  |
| >=14000 | 19.7                       | 39.9 | 42.2 | 43.3 | 43.9 | 44.0    | 44.5 | 44.6    | 44.6    | 44.6 | 44.6  | 44.6  | 44.6  | 44.6   | 44.6  | 44.6  |
| >=12000 | 20.2                       | 41.2 | 43.6 | 44.7 | 45.4 | 45.5    | 46.0 | 46.1    | 46.1    | 46.1 | 46.1  | 46.1  | 46.1  | 46.1   | 46.1  | 46.1  |
| >=10000 | 21.4                       | 44.3 | 47.0 | 48.3 | 49.0 | 49.1    | 49.6 | 49.7    | 49.7    | 49.7 | 49.7  | 49.7  | 49.7  | 49.7   | 49.7  | 49.7  |
| >=9000  | 21.6                       | 45.1 | 47.9 | 49.2 | 49.9 | 50.0    | 50.5 | 50.6    | 50.6    | 50.6 | 50.7  | 50.7  | 50.7  | 50.7   | 50.7  | 50.7  |
| >=8000  | 23.1                       | 49.0 | 52.0 | 53.4 | 54.2 | 54.3    | 54.9 | 55.0    | 55.0    | 55.0 | 55.1  | 55.1  | 55.1  | 55.1   | 55.1  | 55.1  |
| >=7000  | 23.4                       | 50.1 | 53.4 | 55.0 | 55.8 | 55.9    | 56.5 | 56.7    | 56.7    | 56.7 | 56.8  | 56.8  | 56.8  | 56.8   | 56.8  | 56.8  |
| >=6000  | 23.9                       | 51.0 | 54.3 | 55.9 | 56.7 | 56.8    | 57.5 | 57.7    | 57.7    | 57.7 | 57.8  | 57.8  | 57.8  | 57.8   | 57.8  | 57.8  |
| >=5000  | 24.7                       | 53.7 | 57.2 | 59.0 | 60.0 | 60.1    | 60.8 | 61.0    | 61.0    | 61.0 | 61.1  | 61.1  | 61.1  | 61.1   | 61.1  | 61.1  |
| >=4500  | 25.4                       | 54.9 | 58.5 | 60.3 | 61.3 | 61.4    | 62.2 | 62.4    | 62.4    | 62.4 | 62.5  | 62.5  | 62.5  | 62.5   | 62.5  | 62.5  |
| >=4000  | 27.7                       | 62.8 | 66.8 | 69.2 | 70.7 | 70.9    | 71.9 | 72.1    | 72.1    | 72.1 | 72.2  | 72.2  | 72.2  | 72.2   | 72.2  | 72.2  |
| >=3500  | 28.5                       | 64.7 | 68.9 | 71.8 | 73.2 | 73.4    | 74.6 | 74.8    | 74.8    | 74.8 | 74.9  | 74.9  | 75.0  | 75.0   | 75.0  | 75.0  |
| >=3000  | 30.5                       | 70.8 | 75.6 | 79.1 | 80.9 | 81.1    | 82.2 | 82.4    | 82.4    | 82.5 | 82.6  | 82.6  | 82.7  | 82.7   | 82.7  | 82.7  |
| >=2500  | 31.2                       | 72.2 | 77.0 | 80.7 | 82.8 | 83.1    | 84.3 | 84.5    | 84.5    | 84.6 | 84.7  | 84.8  | 84.9  | 84.9   | 84.9  | 84.9  |
| >=2000  | 31.2                       | 73.0 | 78.1 | 82.0 | 85.0 | 85.4    | 86.9 | 87.4    | 87.5    | 87.9 | 88.1  | 88.2  | 88.5  | 88.5   | 88.6  | 88.6  |
| >=1800  | 31.2                       | 73.0 | 78.1 | 82.0 | 85.0 | 85.4    | 86.9 | 87.4    | 87.5    | 87.9 | 88.1  | 88.2  | 88.5  | 88.5   | 88.6  | 88.6  |
| >=1500  | 31.5                       | 74.0 | 79.1 | 83.5 | 86.5 | 87.0    | 88.7 | 89.3    | 89.4    | 89.8 | 90.0  | 90.1  | 90.7  | 90.7   | 90.8  | 90.8  |
| >=1200  | 31.5                       | 74.2 | 79.4 | 83.8 | 86.8 | 87.3    | 89.0 | 89.6    | 89.6    | 90.1 | 90.4  | 90.5  | 91.1  | 91.1   | 91.2  | 91.2  |
| >=1000  | 31.5                       | 74.9 | 80.4 | 85.2 | 88.6 | 89.1    | 90.9 | 91.5    | 91.6    | 92.4 | 92.8  | 93.0  | 93.8  | 93.8   | 93.9  | 93.9  |
| >=900   | 31.5                       | 74.9 | 80.5 | 85.3 | 88.7 | 89.3    | 91.1 | 91.7    | 91.8    | 92.6 | 93.0  | 93.2  | 94.0  | 94.0   | 94.1  | 94.1  |
| >=800   | 31.6                       | 75.3 | 81.1 | 86.2 | 89.8 | 90.4    | 92.7 | 93.5    | 93.7    | 94.6 | 95.0  | 95.2  | 96.4  | 96.4   | 96.6  | 96.6  |
| >=700   | 31.6                       | 75.3 | 81.1 | 86.2 | 90.0 | 90.7    | 93.2 | 94.1    | 94.3    | 95.3 | 95.7  | 95.9  | 97.2  | 97.2   | 97.4  | 97.4  |
| >=600   | 31.6                       | 75.3 | 81.3 | 86.4 | 90.3 | 91.1    | 93.7 | 94.6    | 94.9    | 96.0 | 96.5  | 96.7  | 97.9  | 97.9   | 98.1  | 98.1  |
| >=500   | 31.6                       | 75.4 | 81.4 | 86.6 | 90.6 | 91.4    | 93.9 | 95.1    | 95.4    | 96.9 | 97.4  | 97.6  | 99.0  | 99.0   | 99.2  | 99.3  |
| >=400   | 31.6                       | 75.4 | 81.4 | 86.6 | 90.6 | 91.4    | 93.9 | 95.2    | 95.5    | 97.0 | 97.6  | 97.8  | 99.3  | 99.3   | 99.5  | 99.7  |
| >=300   | 31.6                       | 75.4 | 81.4 | 86.6 | 90.7 | 91.5    | 94.1 | 95.4    | 95.7    | 97.3 | 97.9  | 98.0  | 99.6  | 99.6   | 99.8  | 100.0 |
| >=200   | 31.6                       | 75.4 | 81.4 | 86.6 | 90.7 | 91.5    | 94.1 | 95.4    | 95.7    | 97.3 | 97.9  | 98.0  | 99.6  | 99.6   | 99.8  | 100.0 |
| >=100   | 31.6                       | 75.4 | 81.4 | 86.6 | 90.7 | 91.5    | 94.1 | 95.4    | 95.7    | 97.3 | 97.9  | 98.0  | 99.6  | 99.6   | 99.8  | 100.0 |
| >=0     | 31.6                       | 75.4 | 81.4 | 86.6 | 90.7 | 91.5    | 94.1 | 95.4    | 95.7    | 97.3 | 97.9  | 98.0  | 99.6  | 99.6   | 99.8  | 100.0 |

TOTAL NO. OF OBS : 1024

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : MAR  
HOUR : 2100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1/4 |
| UNLIMIT | 24.0                       | 41.2 | 41.9 | 42.8 | 43.5 | 43.5 | 43.8 | 43.8 | 43.8 | 43.8  |
| >=20000 | 24.7                       | 43.8 | 44.5 | 45.5 | 46.2 | 46.3 | 46.6 | 46.6 | 46.6 | 46.6  |
| >=18000 | 24.7                       | 43.9 | 44.7 | 45.8 | 46.5 | 46.6 | 46.9 | 46.9 | 46.9 | 46.9  |
| >=16000 | 24.7                       | 44.0 | 44.8 | 45.9 | 46.6 | 46.7 | 47.0 | 47.0 | 47.0 | 47.0  |
| >=14000 | 25.0                       | 44.3 | 45.2 | 46.3 | 47.0 | 47.1 | 47.4 | 47.4 | 47.4 | 47.4  |
| >=12000 | 25.3                       | 45.0 | 45.9 | 47.1 | 47.8 | 47.9 | 48.1 | 48.1 | 48.1 | 48.1  |
| >=10000 | 26.5                       | 47.7 | 48.5 | 49.8 | 50.6 | 50.7 | 51.0 | 51.0 | 51.0 | 51.0  |
| >= 9000 | 27.0                       | 48.3 | 49.2 | 50.6 | 51.4 | 51.5 | 51.8 | 51.8 | 51.8 | 51.8  |
| >= 8000 | 28.7                       | 51.7 | 52.6 | 54.0 | 54.9 | 55.0 | 55.3 | 55.3 | 55.3 | 55.3  |
| >= 7000 | 29.7                       | 53.5 | 54.8 | 56.4 | 57.4 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8  |
| >= 6000 | 30.2                       | 54.2 | 55.5 | 57.2 | 58.2 | 58.3 | 58.6 | 58.6 | 58.6 | 58.6  |
| >= 5000 | 31.9                       | 56.7 | 58.0 | 59.7 | 60.8 | 60.9 | 61.3 | 61.3 | 61.4 | 61.4  |
| >= 4500 | 32.2                       | 57.3 | 58.6 | 60.3 | 61.4 | 61.5 | 61.9 | 62.0 | 62.0 | 62.0  |
| >= 4000 | 36.7                       | 65.3 | 66.9 | 68.9 | 70.1 | 70.2 | 70.6 | 70.7 | 70.7 | 70.7  |
| >= 3500 | 38.3                       | 68.6 | 70.4 | 72.5 | 73.7 | 73.8 | 74.4 | 74.5 | 74.6 | 74.6  |
| >= 3000 | 40.9                       | 75.6 | 77.6 | 80.0 | 81.7 | 81.8 | 82.6 | 82.7 | 83.0 | 83.1  |
| >= 2500 | 41.7                       | 76.9 | 79.0 | 81.6 | 83.4 | 83.5 | 84.3 | 84.4 | 84.8 | 84.9  |
| >= 2000 | 42.4                       | 78.9 | 81.7 | 84.5 | 86.5 | 86.7 | 87.9 | 88.1 | 88.8 | 88.9  |
| >= 1800 | 42.4                       | 78.9 | 81.7 | 84.5 | 86.5 | 86.7 | 87.9 | 88.1 | 88.8 | 88.9  |
| >= 1500 | 43.0                       | 80.7 | 83.4 | 86.5 | 88.8 | 89.1 | 90.3 | 90.4 | 91.3 | 91.6  |
| >= 1200 | 43.1                       | 81.0 | 83.7 | 86.7 | 89.1 | 89.4 | 90.5 | 90.9 | 91.7 | 92.0  |
| >= 1000 | 43.3                       | 82.4 | 85.4 | 88.5 | 91.8 | 92.2 | 93.7 | 94.2 | 95.3 | 95.6  |
| >= 900  | 43.3                       | 82.4 | 85.4 | 88.5 | 91.8 | 92.2 | 93.7 | 94.2 | 95.3 | 95.6  |
| >= 800  | 43.3                       | 82.5 | 85.6 | 88.8 | 92.2 | 92.6 | 94.8 | 95.0 | 96.4 | 96.9  |
| >= 700  | 43.3                       | 82.5 | 85.8 | 89.0 | 92.4 | 93.1 | 94.9 | 95.7 | 97.1 | 97.6  |
| >= 600  | 43.3                       | 82.5 | 85.8 | 89.2 | 92.6 | 93.5 | 95.9 | 96.1 | 97.5 | 98.0  |
| >= 500  | 43.4                       | 82.7 | 86.0 | 89.5 | 92.9 | 93.9 | 96.3 | 96.5 | 98.1 | 99.2  |
| >= 400  | 43.4                       | 82.7 | 86.0 | 89.5 | 92.9 | 93.9 | 96.4 | 96.6 | 98.1 | 99.3  |
| >= 300  | 43.4                       | 82.7 | 86.0 | 89.5 | 93.0 | 94.0 | 96.5 | 96.8 | 98.3 | 99.6  |
| >= 200  | 43.4                       | 82.7 | 86.0 | 89.5 | 93.0 | 94.0 | 96.5 | 96.8 | 98.3 | 99.7  |
| >= 100  | 43.4                       | 82.7 | 86.0 | 89.5 | 93.0 | 94.0 | 96.5 | 96.8 | 98.9 | 99.7  |
| >= 0    | 43.4                       | 82.7 | 86.0 | 89.5 | 93.0 | 94.0 | 96.5 | 96.8 | 98.9 | 99.7  |

TOTAL NO. OF OBS : 1026

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAR  
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 19.2                       | 35.6 | 37.7 | 39.5 | 40.7 | 40.9 | 41.6 | 42.1 | 42.2 | 42.4 |
| >=20000 | 19.9                       | 38.2 | 40.5 | 42.6 | 44.0 | 44.2 | 45.0 | 45.5 | 45.5 | 45.8 |
| >=18000 | 20.0                       | 38.4 | 40.7 | 42.8 | 44.2 | 44.4 | 45.2 | 45.7 | 45.8 | 46.0 |
| >=16000 | 20.0                       | 38.5 | 40.8 | 42.9 | 44.3 | 44.5 | 45.3 | 45.8 | 45.9 | 46.1 |
| >=14000 | 20.3                       | 38.9 | 41.2 | 43.4 | 44.9 | 45.1 | 45.8 | 46.4 | 46.4 | 46.7 |
| >=12000 | 20.7                       | 39.8 | 42.2 | 44.5 | 46.0 | 46.2 | 47.0 | 47.5 | 47.6 | 47.8 |
| >=10000 | 21.6                       | 42.1 | 44.8 | 47.3 | 48.9 | 49.2 | 50.1 | 50.7 | 50.8 | 51.1 |
| >= 9000 | 22.0                       | 42.9 | 45.6 | 48.2 | 49.9 | 50.2 | 51.1 | 51.7 | 51.8 | 52.1 |
| >= 8000 | 23.3                       | 45.7 | 48.7 | 51.5 | 53.4 | 53.7 | 54.6 | 55.3 | 55.4 | 55.7 |
| >= 7000 | 24.1                       | 47.2 | 50.4 | 53.3 | 55.3 | 55.6 | 56.6 | 57.4 | 57.4 | 57.7 |
| >= 6000 | 24.6                       | 48.1 | 51.3 | 54.3 | 56.3 | 56.6 | 57.7 | 58.4 | 58.5 | 58.8 |
| >= 5000 | 26.0                       | 51.1 | 54.5 | 57.6 | 59.7 | 60.1 | 61.2 | 61.9 | 62.0 | 62.4 |
| >= 4500 | 26.5                       | 52.2 | 55.7 | 58.9 | 61.0 | 61.4 | 62.5 | 63.3 | 63.4 | 63.8 |
| >= 4000 | 29.3                       | 58.4 | 62.4 | 66.2 | 68.6 | 69.1 | 70.3 | 71.2 | 71.3 | 71.7 |
| >= 3500 | 30.3                       | 60.6 | 64.9 | 68.9 | 71.4 | 71.9 | 73.4 | 74.4 | 74.4 | 74.9 |
| >= 3000 | 32.1                       | 66.1 | 71.0 | 75.7 | 78.8 | 79.4 | 81.1 | 82.1 | 82.3 | 82.8 |
| >= 2500 | 32.8                       | 67.5 | 72.6 | 77.5 | 80.7 | 81.3 | 83.1 | 84.2 | 84.3 | 84.8 |
| >= 2000 | 33.2                       | 68.9 | 74.3 | 79.5 | 83.1 | 83.8 | 85.9 | 87.2 | 87.4 | 88.0 |
| >= 1800 | 33.2                       | 68.9 | 74.3 | 79.5 | 83.1 | 83.8 | 85.9 | 87.2 | 87.4 | 88.0 |
| >= 1500 | 33.5                       | 70.0 | 75.5 | 81.1 | 84.9 | 85.8 | 88.2 | 89.7 | 89.9 | 90.6 |
| >= 1200 | 33.6                       | 70.2 | 75.8 | 81.5 | 85.4 | 86.2 | 88.7 | 90.2 | 90.4 | 91.1 |
| >= 1000 | 33.6                       | 71.0 | 76.8 | 82.8 | 87.3 | 88.2 | 91.0 | 92.6 | 92.9 | 93.9 |
| >= 900  | 33.6                       | 71.0 | 76.8 | 82.9 | 87.4 | 88.3 | 91.1 | 92.8 | 93.0 | 94.0 |
| >= 800  | 33.7                       | 71.3 | 77.3 | 83.5 | 88.2 | 89.2 | 92.3 | 94.1 | 94.4 | 95.5 |
| >= 700  | 33.8                       | 71.4 | 77.4 | 83.6 | 88.4 | 89.4 | 92.7 | 94.6 | 94.8 | 96.1 |
| >= 600  | 33.8                       | 71.4 | 77.6 | 83.8 | 88.6 | 89.7 | 93.0 | 95.0 | 95.3 | 96.5 |
| >= 500  | 33.8                       | 71.5 | 77.7 | 84.0 | 88.9 | 90.0 | 93.3 | 95.4 | 95.7 | 97.2 |
| >= 400  | 33.8                       | 71.5 | 77.7 | 84.0 | 89.0 | 90.1 | 93.4 | 95.5 | 95.9 | 97.4 |
| >= 300  | 33.8                       | 71.5 | 77.7 | 84.0 | 89.0 | 90.2 | 93.5 | 95.7 | 96.0 | 97.6 |
| >= 200  | 33.8                       | 71.5 | 77.7 | 84.1 | 89.1 | 90.2 | 93.5 | 95.7 | 96.0 | 97.6 |
| >= 100  | 33.8                       | 71.5 | 77.7 | 84.1 | 89.1 | 90.2 | 93.5 | 95.7 | 96.0 | 97.6 |
| >= 0    | 33.8                       | 71.5 | 77.7 | 84.1 | 89.1 | 90.2 | 93.5 | 95.7 | 96.0 | 97.6 |

>=0 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5

TOTAL NO. OF OBS : 8176

# 1 - SURFACE WINDS

543323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : APR  
 HOUR : 0000 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | 1    | 2 | 3 | 4    | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL |                 |
|----------------|------|---|---|------|---|---|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------------|
|                |      |   |   |      |   |   |      |       |       |       |       |       |       |       |      | %     | MEAN WIND SPEED |
| N              | 1.7  |   |   | 2.7  |   |   | 5.0  | 5.0   | 1.5   | .4    | .1    | .0    | .0    | .0    | .0   | 16.4  | 10.3            |
| NNE            | .6   |   |   | 2.1  |   |   | 3.5  | 4.2   | 2.1   | .3    | .0    | .0    | .0    | .0    | .0   | 12.7  | 11.3            |
| NE             | 1.0  |   |   | 1.8  |   |   | 3.4  | 2.4   | .8    | .3    | .0    | .0    | .0    | .0    | .0   | 9.6   | 9.8             |
| NNE            | .7   |   |   | 1.3  |   |   | 1.9  | 1.0   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.8   | 7.6             |
| E              | .6   |   |   | 1.2  |   |   | .8   | .2    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 3.0   | 6.6             |
| ESE            | .5   |   |   | .4   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .9    | 3.3             |
| SE             | .4   |   |   | .5   |   |   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0   | 4.3             |
| SSE            | .7   |   |   | .5   |   |   | .0   | .1    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | 1.4   | 5.3             |
| S              | .9   |   |   | 1.8  |   |   | 2.7  | .9    | .6    | .4    | .1    | .0    | .0    | .0    | .0   | 7.3   | 9.4             |
| SSW            | .7   |   |   | 2.5  |   |   | 3.3  | 2.4   | .8    | .8    | .1    | .0    | .0    | .0    | .0   | 10.5  | 10.8            |
| SW             | .5   |   |   | 2.0  |   |   | 2.2  | 2.7   | .6    | .4    | .0    | .0    | .0    | .0    | .0   | 8.3   | 10.5            |
| WSW            | .5   |   |   | 1.6  |   |   | 1.3  | 1.3   | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 4.9   | 8.9             |
| W              | .8   |   |   | .9   |   |   | .3   | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 2.5   | 6.5             |
| WNW            | .4   |   |   | .5   |   |   | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1   | 4.7             |
| NW             | .3   |   |   | 1.2  |   |   | .1   | .1    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | 1.8   | 5.9             |
| NNW            | .9   |   |   | 2.1  |   |   | 1.6  | 1.0   | .2    | .1    | .1    | .0    | .0    | .0    | .0   | 5.9   | 8.2             |
| VAR            | .0   |   |   | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0              |
| CLM            | .0   |   |   | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8.1   | .0              |
| ALL            | 11.0 |   |   | 22.8 |   |   | 26.1 | 21.6  | 7.1   | 2.9   | .4    | .0    | .0    | .0    | .0   | 100.0 | 8.7             |

TOTAL NO. OF OBS : 1014

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : APR  
 HOUR : 0300 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |     | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|------------|-----------------------|
|                | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |            |                       |
| N              | 1.9           | 3.8  | 6.2  | 5.3   | 2.1   | .5    | .0    | .0    | .0    | .0    | .0  | 19.8       | 9.9                   |
| NNE            | .6            | 2.6  | 4.4  | 5.6   | 1.7   | .2    | .3    | .0    | .0    | .0    | .0  | 15.4       | 11.2                  |
| NE             | .9            | 1.6  | 3.2  | 2.3   | .8    | .1    | .0    | .0    | .0    | .0    | .0  | 8.9        | 9.8                   |
| ENE            | .6            | 1.5  | 2.2  | 1.1   | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 5.4        | 8.0                   |
| E              | 1.1           | .4   | .9   | .6    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 3.1        | 7.0                   |
| ESE            | .0            | .1   | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .4         | 7.0                   |
| SE             | .2            | .0   | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .3         | 5.7                   |
| SSE            | .7            | .4   | .2   | .0    | .0    | .1    | .0    | .0    | .0    | .0    | .0  | 1.4        | 5.9                   |
| S              | .6            | 1.4  | 1.9  | 1.0   | .8    | .0    | .0    | .1    | .0    | .0    | .0  | 5.7        | 9.5                   |
| SSW            | .7            | 2.1  | 2.2  | 2.0   | .9    | .6    | .1    | .1    | .0    | .0    | .0  | 8.6        | 11.2                  |
| SW             | .3            | 2.0  | 1.7  | 2.2   | .6    | .0    | .0    | .0    | .0    | .0    | .0  | 6.7        | 9.8                   |
| WSW            | .4            | .8   | 1.5  | .2    | .5    | .0    | .0    | .0    | .0    | .0    | .0  | 3.3        | 9.5                   |
| W              | .3            | .9   | .3   | .0    | .2    | .0    | .0    | .0    | .0    | .0    | .0  | 1.7        | 7.0                   |
| WNW            | .4            | .7   | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.4        | 4.9                   |
| NW             | .7            | 1.2  | .4   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.6        | 5.4                   |
| NNW            | 1.7           | 3.5  | .0   | .7    | .3    | .1    | .0    | .0    | .0    | .0    | .0  | 8.3        | 6.6                   |
| VAR            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0         | .0                    |
| CLM            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 7.3        | .0                    |
| ALL            | 10.9          | 22.8 | 27.5 | 21.4  | 8.2   | 1.6   | .4    | .2    | .0    | .0    | .0  | 100.0      | 8.6                   |

TOTAL NC. OF OBS : 1016

NOTES : \* = PERCENT < .05

TOTAL NO. OF OBS : 1016

# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : APR  
 HOUR : 0600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |      |      |      |     |     |      |       |       |       |       |       |       |       |      |       | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|-----------------------|
|                | 1             | 2    | 3    | 4    | 5   | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |            |                       |
| N              | 2.7           | 5.7  | 7.1  | 5.9  | 2.2 | .3  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 23.9  | 9.4        |                       |
| NNE            | 1.2           | 2.2  | 3.9  | 5.1  | 2.7 | .5  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 15.6  | 11.7       |                       |
| NE             | .9            | 2.3  | 2.3  | 3.4  | 1.1 | .0  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 10.0  | 10.2       |                       |
| NNE            | .7            | 1.2  | 1.3  | .6   | .0  | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.8   | 7.6        |                       |
| E              | .3            | .6   | .9   | .4   | .1  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.3   | 8.0        |                       |
| ESE            | .5            | .1   | .1   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 3.1        |                       |
| SE             | .3            | .3   | .0   | .1   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 4.9        |                       |
| SSE            | .2            | .4   | .2   | .1   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .9    | 6.8        |                       |
| S              | .5            | .9   | 1.5  | .6   | .7  | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.2   | 9.6        |                       |
| SSW            | 1.0           | 1.0  | 2.5  | 2.8  | .9  | .3  | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8.9   | 11.7       |                       |
| SW             | .1            | 1.6  | 1.3  | 1.4  | .3  | .2  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.9   | 10.4       |                       |
| WSW            | .4            | 1.0  | .4   | .5   | .2  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.5   | 8.1        |                       |
| W              | .4            | .1   | .3   | .2   | .1  | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.2   | 8.7        |                       |
| WNW            | .4            | .6   | .1   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1   | 3.6        |                       |
| NW             | 1.1           | .7   | .4   | .0   | .1  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.3   | 4.7        |                       |
| NNW            | 2.1           | 3.8  | 1.5  | 1.2  | .0  | .0  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8.7   | 6.1        |                       |
| VAR            | .0            | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |                       |
| CLM            | .0            | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |                       |
| ALL            | 12.6          | 22.3 | 23.6 | 22.2 | 8.3 | 1.6 | .9   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 100.0 | 8.6        |                       |

TOTAL NO. OF OBS : 1016

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKUSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : APR  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. |      | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |     |       | TOTAL % | MEAN WIND SPEED |
|-------------|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|---------|-----------------|
| 1           | - 3  | 4             | - 6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |       |         |                 |
| N           | 1.9  | 4.6           | 5.7  | 3.9  | 2.1   | .4    | .2    | .0    | .0    | .0    | .0    | .0  | 18.8  | 9.6     |                 |
| NNE         | 3.4  | 3.8           | 5.4  | 5.1  | 2.2   | .4    | .0    | .0    | .0    | .0    | .0    | .0  | 20.4  | 9.5     |                 |
| NE          | 3.4  | 3.1           | 4.9  | 4.3  | .5    | .3    | .0    | .0    | .0    | .0    | .0    | .0  | 16.5  | 8.4     |                 |
| ENE         | 1.7  | 2.5           | 1.2  | 1.0  | .2    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 6.6   | 6.8     |                 |
| E           | 3.1  | 2.3           | .7   | .5   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 6.6   | 4.3     |                 |
| ESE         | .8   | .6            | .2   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.6   | 4.0     |                 |
| SE          | .0   | .1            | .2   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .3    | 7.7     |                 |
| SSE         | .3   | .3            | .5   | .2   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.5   | 8.5     |                 |
| S           | .6   | .6            | 1.4  | 1.1  | .8    | .3    | .0    | .1    | .0    | .0    | .0    | .0  | 4.8   | 11.4    |                 |
| SSW         | .3   | 1.1           | 1.9  | 3.8  | 2.0   | .6    | .2    | .0    | .0    | .0    | .0    | .0  | 9.8   | 13.5    |                 |
| SW          | .1   | .5            | .9   | 1.5  | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 3.4   | 11.6    |                 |
| WSW         | .2   | .1            | .5   | .9   | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.1   | 12.0    |                 |
| W           | .0   | .3            | .2   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .5    | 6.4     |                 |
| WNW         | .1   | .0            | .0   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .2    | 8.0     |                 |
| NW          | .0   | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0      |                 |
| NNW         | .1   | .3            | .9   | .5   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.0   | 10.1    |                 |
| VAR         | .0   | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0      |                 |
| CLM         | .0   | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 4.9   | .0      |                 |
| ALL         | 16.0 | 20.1          | 24.5 | 22.9 | 9.0   | 2.1   | .4    | .1    | .0    | .0    | .0    | .0  | 100.0 | 8.9     |                 |

TOTAL NO. OF OBS : 1016

NOTES :  
 \* = PERCENT < .05



43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 35 17' N LONG. : 139 40' E ELEV. : 10 FT  
 MONTH : APR  
 HOUR : 1200 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

| WIND<br>DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |     |       | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|--------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------------|-----------------------|
|              | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |       |            |                       |
| N            | 1.3           | 2.9  | 3.5  | 2.9   | 1.6   | .5    | .0    | .0    | .0    | .0    | .0  | 12.7  | 10.1       |                       |
| NNE          | 1.4           | 4.8  | 4.1  | 3.7   | 1.4   | .4    | .0    | .0    | .0    | .0    | .0  | 15.8  | 9.3        |                       |
| NE           | 1.9           | 2.6  | 2.8  | 3.2   | .4    | .1    | .0    | .0    | .0    | .0    | .0  | 10.9  | 8.5        |                       |
| NNE          | 1.5           | 2.4  | 1.8  | 1.8   | .2    | .1    | .0    | .0    | .0    | .0    | .0  | 7.7   | 7.8        |                       |
| E            | 2.4           | 4.3  | 2.3  | .7    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 9.6   | 5.5        |                       |
| ESE          | 1.0           | 1.3  | .7   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 3.0   | 5.1        |                       |
| SE           | .6            | .9   | .5   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.0   | 4.7        |                       |
| SSE          | .3            | .4   | .3   | .7    | .2    | .0    | .0    | .0    | .0    | .0    | .0  | 1.9   | 9.7        |                       |
| S            | .4            | 1.1  | 2.8  | 2.9   | 1.6   | .5    | .3    | .0    | .0    | .0    | .0  | 9.4   | 12.6       |                       |
| SSW          | .2            | 1.0  | 3.0  | 5.2   | 3.1   | 1.1   | .1    | .0    | .0    | .0    | .0  | 13.8  | 14.0       |                       |
| SW           | .0            | .4   | 1.0  | 2.1   | 1.0   | .4    | .2    | .0    | .0    | .0    | .0  | 5.0   | 14.5       |                       |
| WSW          | .1            | .2   | .3   | 1.0   | .3    | .2    | .0    | .0    | .0    | .0    | .0  | 2.1   | 13.3       |                       |
| W            | .1            | .2   | .0   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .7    | 10.0       |                       |
| WNW          | .0            | .0   | .0   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .2    | 13.0       |                       |
| NW           | .1            | .1   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .2    | 3.5        |                       |
| NNW          | .2            | .4   | .1   | .3    | .2    | .0    | .0    | .0    | .0    | .0    | .0  | 1.2   | 9.0        |                       |
| VAR          | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0         |                       |
| ULM          | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0         |                       |
| ALL          | 11.3          | 22.9 | 23.1 | 25.0  | 10.0  | 3.2   | .6    | .0    | .0    | .0    | .0  | 100.0 | 9.6        |                       |

TOTAL NO. OF OBS : 1017

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : APR  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
|             | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |         |                 |
| N           | .8            | 1.0   | 1.6  | 2.2   | 1.2   | .2    | .2    | .0    | .0    | .0    | .0   | 7.1     | 11.6            |
| NNE         | 1.2           | 2.3   | 2.3  | 2.8   | 1.1   | .2    | .0    | .0    | .0    | .0    | .0   | 9.8     | 9.6             |
| NE          | 1.1           | 1.5   | 2.2  | 2.7   | .7    | .1    | .1    | .0    | .0    | .0    | .0   | 8.3     | 10.1            |
| NNE         | .4            | 1.5   | 1.7  | 1.6   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.3     | 8.5             |
| E           | 1.9           | 2.9   | 1.6  | 1.5   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8.0     | 6.8             |
| ESE         | .9            | .8    | .4   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.2     | 4.8             |
| SE          | .5            | .7    | .3   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.7     | 5.6             |
| SSE         | .7            | .7    | .9   | .8    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 3.2     | 7.6             |
| S           | .9            | 2.1   | 4.9  | 6.1   | 2.3   | .8    | .0    | .1    | .0    | .0    | .0   | 17.1    | 11.9            |
| SSW         | .1            | 2.3   | 4.9  | 8.3   | 3.5   | 1.5   | .4    | .0    | .0    | .0    | .0   | 21.0    | 13.5            |
| SW          | .2            | 1.1   | 1.6  | 2.1   | 1.1   | .6    | .2    | .0    | .0    | .0    | .0   | 7.0     | 12.7            |
| WSW         | .1            | .4    | .9   | .6    | .5    | .3    | .0    | .0    | .0    | .0    | .0   | 2.8     | 12.5            |
| W           | .0            | .1    | .1   | .4    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | .8      | 13.1            |
| WNW         | .0            | .1    | .1   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .3      | 10.3            |
| NW          | .0            | .1    | .0   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .3      | 12.7            |
| NNW         | .3            | .2    | .4   | .5    | .2    | .1    | .0    | .0    | .0    | .0    | .0   | 1.7     | 10.7            |
| VAR         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0      | .0              |
| CLM         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.6     | .0              |
| ALL         | 9.0           | 17.5  | 24.1 | 30.0  | 11.0  | 3.7   | .9    | .1    | .0    | .0    | .0   | 100.0   | 10.5            |

TOTAL NO. OF OBS : 1015

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

J43323 : YOKOSUKA, JAPAN LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 PERIOD OF RECORD : 1953-1987 MONTH : APR  
 CLASS : ALL WEATHER HOUR : 1800 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.             |     | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |     |       |      |       |  | TOTAL | MEAN |
|--------------------|-----|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|-------|--|-------|------|
| DIR.               |     | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | %     |      | SPEED |  |       |      |
| N                  | .6  |               | .4   | 2.1  | 2.1   | .7    | .6    | .2    | .0    | .0    | .0    | .0  | 6.6   | 12.6 |       |  |       |      |
| NNE                | .6  |               | .9   | 1.4  | 2.8   | 1.3   | .1    | .0    | .0    | .0    | .0    | .0  | 7.0   | 11.8 |       |  |       |      |
| NE                 | .4  |               | 1.2  | 2.1  | 1.9   | .4    | .3    | .0    | .0    | .0    | .0    | .0  | 6.2   | 10.6 |       |  |       |      |
| NNE                | .3  |               | 1.0  | 2.0  | 1.9   | .2    | .0    | .0    | .0    | .0    | .0    | .0  | 5.3   | 9.6  |       |  |       |      |
| E                  | .5  |               | 1.0  | 3.8  | 2.3   | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 7.6   | 9.2  |       |  |       |      |
| ESE                | .5  |               | .5   | .8   | .9    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.7   | 8.1  |       |  |       |      |
| SE                 | .1  |               | .4   | .6   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.3   | 7.8  |       |  |       |      |
| SSE                | .7  |               | 1.3  | 1.5  | .7    | .0    | .2    | .0    | .0    | .0    | .0    | .0  | 4.3   | 7.7  |       |  |       |      |
| S                  | .1  |               | 3.5  | 8.3  | 5.6   | .6    | .8    | .2    | .3    | .0    | .0    | .0  | 19.4  | 10.7 |       |  |       |      |
| SSW                | .4  |               | 2.2  | 7.2  | 6.8   | 1.8   | .7    | .2    | .0    | .0    | .0    | .0  | 19.2  | 11.5 |       |  |       |      |
| SW                 | .8  |               | 1.0  | 2.1  | 3.1   | 1.6   | .0    | .1    | .0    | .0    | .0    | .0  | 8.7   | 11.5 |       |  |       |      |
| WSW                | .2  |               | 1.5  | 1.0  | .8    | .5    | .4    | .0    | .0    | .0    | .0    | .0  | 4.3   | 10.5 |       |  |       |      |
| W                  | .6  |               | .5   | .1   | .2    | .4    | .1    | .0    | .0    | .0    | .0    | .0  | 1.9   | 9.4  |       |  |       |      |
| WNW                | .0  |               | .1   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .2    | 6.0  |       |  |       |      |
| NW                 | .4  |               | .1   | .2   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .8    | 5.9  |       |  |       |      |
| NNW                | .3  |               | .5   | .7   | .2    | .2    | .0    | .0    | .0    | .0    | .0    | .0  | 1.9   | 8.2  |       |  |       |      |
| VAR                | .0  |               | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0   |       |  |       |      |
| CLM                | .0  |               | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.9   | .0   |       |  |       |      |
| ALL                | 6.4 | 15.9          | 33.7 | 29.3 | 7.7   | 3.1   | .7    | .3    | .0    | .0    | .0    | .0  | 100.0 | 10.3 |       |  |       |      |
| TOTAL NO. OF OBS : |     |               |      |      |       |       |       |       |       |       |       |     |       |      | 1017  |  |       |      |

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : APR  
 HOUR : 2100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |     |       |      |  |  | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|--|--|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |       |      |  |  |            |                       |
| N              | .8            | 1.8   | 2.0  | 3.4   | 2.6   | .6    | .1    | .0    | .0    | .0    | .0  | 11.2  | 12.5 |  |  |            |                       |
| NNE            | .6            | 1.5   | 1.3  | 3.0   | 1.2   | .5    | .0    | .0    | .0    | .0    | .0  | 8.1   | 11.7 |  |  |            |                       |
| NE             | .6            | 2.3   | 2.9  | 2.7   | .7    | .1    | .0    | .0    | .0    | .0    | .0  | 9.1   | 9.5  |  |  |            |                       |
| ENE            | .5            | 2.1   | 2.1  | 2.0   | .1    | .1    | .0    | .0    | .0    | .0    | .0  | 6.8   | 8.7  |  |  |            |                       |
| E              | 1.0           | 1.7   | 2.1  | .6    | .2    | .0    | .0    | .0    | .0    | .0    | .0  | 5.5   | 7.2  |  |  |            |                       |
| ESE            | 1.1           | .8    | .6   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.8   | 5.4  |  |  |            |                       |
| SE             | .4            | .7    | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.4   | 5.1  |  |  |            |                       |
| SSE            | 1.4           | 1.7   | .6   | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 4.1   | 5.5  |  |  |            |                       |
| S              | 2.0           | 2.7   | 3.5  | 1.9   | .4    | .3    | .0    | .0    | .0    | .0    | .0  | 10.7  | 8.1  |  |  |            |                       |
| SSW            | .7            | 3.5   | 4.5  | 4.3   | 2.3   | .7    | .1    | .1    | .0    | .0    | .0  | 16.2  | 11.1 |  |  |            |                       |
| SW             | .3            | 1.6   | 3.4  | 2.4   | .5    | .5    | .0    | .0    | .0    | .0    | .0  | 8.7   | 10.3 |  |  |            |                       |
| WSW            | .6            | .6    | 1.2  | 1.5   | .5    | .4    | .0    | .0    | .0    | .0    | .0  | 4.7   | 11.4 |  |  |            |                       |
| W              | .5            | .3    | .5   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.4   | 5.4  |  |  |            |                       |
| WNW            | .3            | .2    | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .6    | 5.3  |  |  |            |                       |
| NW             | .3            | .5    | .2   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.2   | 6.0  |  |  |            |                       |
| NNW            | .5            | .4    | .9   | .3    | .3    | .1    | .0    | .0    | .0    | .0    | .0  | 2.5   | 9.3  |  |  |            |                       |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0   |  |  |            |                       |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 5.1   | .0   |  |  |            |                       |
| ALL            | 11.4          | 22.1  | 25.9 | 23.3  | 8.7   | 3.2   | .2    | .1    | .0    | .0    | .0  | 100.0 | 9.2  |  |  |            |                       |

TOTAL NO. OF OBS : 1017

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : APR  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |     |      |     |      |       |       |       |       |       |       |       |     |    |       |      | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-----|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|----|-------|------|------------|-----------------------|
|                | 1             | - 3 | 4    | - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |    |       |      |            |                       |
| N              | 1.4           |     | 2.9  |     | 4.1  | 3.8   | 1.7   | .4    | .1    |       | .0    |       | .0  | .0 | 14.6  | 10.3 |            |                       |
| NNE            | 1.2           |     | 2.5  |     | 3.3  | 4.0   | 1.7   | .3    | .0*   |       | .0    |       | .0  | .0 | 13.1  | 10.6 |            |                       |
| NE             | 1.3           |     | 2.0  |     | 3.0  | 2.9   | .7    | .2    | .0*   |       | .0    |       | .0  | .0 | 9.9   | 9.4  |            |                       |
| NNE            | .8            |     | 1.7  |     | 1.7  | 1.4   | .1    | .0*   | .0    |       | .0    |       | .0  | .0 | 5.7   | 8.1  |            |                       |
| E              | 1.4           |     | 1.8  |     | 1.6  | .8    | .1    | .0    | .0    |       | .0    |       | .0  | .0 | 5.7   | 6.7  |            |                       |
| ESE            | .7            |     | .6   |     | .4   | .2    | .0    | .0    | .0    |       | .0    |       | .0  | .0 | 1.8   | 5.4  |            |                       |
| SE             | .3            |     | .4   |     | .2   | .1    | .0    | .0    | .0    |       | .0    |       | .0  | .0 | 1.1   | 5.5  |            |                       |
| SSE            | .6            |     | .7   |     | .5   | .4    | .1    | .0*   | .0    |       | .0    |       | .0  | .0 | 2.3   | 7.1  |            |                       |
| S              | .7            |     | 1.7  |     | 3.4  | 2.5   | 1.0   | .4    | .1    |       | .0    |       | .0  | .0 | 9.8   | 10.6 |            |                       |
| SSW            | .5            |     | 1.9  |     | 3.7  | 4.4   | 1.9   | .8    | .2    | .0*   | .0    |       | .0  | .0 | 13.5  | 12.3 |            |                       |
| SW             | .3            |     | 1.3  |     | 1.6  | 2.2   | .6    | .3    | .1    |       | .0    |       | .0  | .0 | 6.6   | 11.3 |            |                       |
| WSW            | .3            |     | .8   |     | .9   | .8    | .4    | .2    | .0    |       | .0    |       | .0  | .0 | 3.3   | 10.4 |            |                       |
| W              | .3            |     | .4   |     | .2   | .2    | .1    | .0*   | .0    |       | .0    |       | .0  | .0 | 1.3   | 7.9  |            |                       |
| WNW            | .2            |     | .3   |     | .1   | .1    | .0*   | .0    | .0    |       | .0    |       | .0  | .0 | .6    | 5.5  |            |                       |
| NW             | .4            |     | .5   |     | .2   | .1    | .0*   | .0    | .0    |       | .0    |       | .0  | .0 | 1.1   | 5.6  |            |                       |
| NNW            | .8            |     | 1.4  |     | 1.0  | .6    | .2    | .0*   | .0*   |       | .0    |       | .0  | .0 | 4.0   | 7.6  |            |                       |
| VAR            | .0            |     | .0   |     | .0   | .0    | .0    | .0    | .0    |       | .0    |       | .0  | .0 | .0    | .0   |            |                       |
| CLM            | .0            |     | .0   |     | .0   | .0    | .0    | .0    | .0    |       | .0    |       | .0  | .0 | 5.5   | .0   |            |                       |
| ALL            | 11.1          |     | 20.8 |     | 26.1 | 24.5  | 8.7   | 2.7   | .6    |       | .1    |       | .0  | .0 | 100.0 | 9.3  |            |                       |

TOTAL NO. OF OBS : 8128

NOTES : \* = PERCENT < .05

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : APR  
 HOUR : 0000 LSI

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|------|-------|-------|-------|--------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | 1/4  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |
| UNLIMIT | 18.6                       | 33.9 | 34.7 | 35.7 | 36.0 | 36.0    | 36.0 | 36.1    | 36.1 | 36.1 | 36.1  | 36.1  | 36.1  | 36.1   | 36.1  | 36.1  |
| >=20000 | 20.3                       | 38.4 | 39.3 | 40.5 | 40.8 | 40.8    | 40.8 | 41.1    | 41.1 | 41.1 | 41.1  | 41.1  | 41.1  | 41.1   | 41.1  | 41.1  |
| >=18000 | 20.4                       | 38.5 | 39.4 | 40.6 | 40.9 | 40.9    | 40.9 | 41.1    | 41.2 | 41.2 | 41.2  | 41.2  | 41.2  | 41.2   | 41.2  | 41.2  |
| >=16000 | 20.5                       | 38.7 | 39.6 | 40.8 | 41.1 | 41.1    | 41.1 | 41.3    | 41.4 | 41.4 | 41.4  | 41.4  | 41.4  | 41.4   | 41.4  | 41.4  |
| >=14000 | 20.9                       | 39.2 | 40.1 | 41.3 | 41.6 | 41.6    | 41.6 | 41.9    | 41.9 | 41.9 | 41.9  | 41.9  | 41.9  | 41.9   | 41.9  | 41.9  |
| >=12000 | 21.8                       | 40.6 | 41.5 | 42.7 | 43.0 | 43.0    | 43.0 | 43.3    | 43.3 | 43.3 | 43.3  | 43.3  | 43.3  | 43.3   | 43.3  | 43.3  |
| >=10000 | 24.3                       | 44.4 | 45.5 | 46.8 | 47.1 | 47.1    | 47.1 | 47.4    | 47.4 | 47.4 | 47.4  | 47.4  | 47.4  | 47.4   | 47.4  | 47.4  |
| >=9000  | 24.7                       | 45.1 | 46.3 | 47.6 | 47.9 | 47.9    | 47.9 | 48.2    | 48.2 | 48.2 | 48.2  | 48.2  | 48.2  | 48.2   | 48.2  | 48.2  |
| >=8000  | 26.2                       | 48.2 | 49.6 | 51.3 | 51.6 | 51.6    | 51.6 | 51.9    | 51.9 | 51.9 | 51.9  | 51.9  | 51.9  | 51.9   | 51.9  | 51.9  |
| >=7000  | 27.6                       | 50.5 | 51.9 | 53.7 | 54.1 | 54.1    | 54.1 | 54.6    | 54.6 | 54.6 | 54.6  | 54.6  | 54.6  | 54.6   | 54.6  | 54.6  |
| >=6000  | 28.3                       | 51.4 | 52.8 | 54.7 | 55.2 | 55.2    | 55.2 | 55.6    | 55.6 | 55.6 | 55.6  | 55.6  | 55.6  | 55.6   | 55.6  | 55.6  |
| >=5000  | 31.1                       | 55.7 | 57.2 | 59.1 | 59.7 | 59.8    | 60.1 | 60.2    | 60.2 | 60.2 | 60.2  | 60.2  | 60.2  | 60.2   | 60.2  | 60.2  |
| >=4500  | 31.4                       | 56.2 | 57.7 | 59.6 | 60.3 | 60.4    | 60.7 | 60.8    | 60.8 | 60.8 | 60.8  | 60.8  | 60.8  | 60.8   | 60.8  | 60.8  |
| >=4000  | 35.1                       | 64.3 | 66.0 | 67.9 | 69.1 | 69.2    | 69.6 | 69.7    | 69.7 | 69.7 | 69.7  | 69.7  | 69.7  | 69.7   | 69.7  | 69.7  |
| >=3500  | 36.4                       | 66.4 | 68.1 | 70.3 | 71.8 | 71.9    | 72.4 | 72.5    | 72.5 | 72.5 | 72.6  | 72.6  | 72.6  | 72.6   | 72.6  | 72.6  |
| >=3000  | 38.8                       | 72.8 | 75.1 | 78.1 | 79.8 | 79.9    | 80.7 | 80.9    | 81.0 | 81.1 | 81.1  | 81.1  | 81.1  | 81.1   | 81.1  | 81.1  |
| >=2500  | 39.0                       | 74.4 | 76.9 | 80.2 | 82.1 | 82.2    | 83.0 | 83.3    | 83.5 | 83.6 | 83.6  | 83.7  | 83.7  | 83.7   | 83.7  | 83.7  |
| >=2000  | 39.5                       | 76.4 | 79.1 | 82.8 | 85.5 | 85.6    | 86.9 | 87.4    | 87.6 | 87.9 | 87.9  | 88.0  | 88.0  | 88.0   | 88.0  | 88.0  |
| >=1800  | 39.5                       | 76.4 | 79.1 | 82.8 | 85.6 | 85.7    | 87.0 | 87.6    | 87.9 | 88.0 | 88.0  | 88.1  | 88.1  | 88.1   | 88.1  | 88.1  |
| >=1500  | 39.8                       | 77.2 | 80.1 | 84.3 | 87.7 | 87.9    | 89.8 | 90.3    | 90.6 | 90.7 | 90.7  | 90.7  | 91.0  | 91.0   | 91.0  | 91.0  |
| >=1200  | 39.9                       | 77.4 | 80.5 | 84.9 | 88.4 | 88.7    | 90.6 | 91.3    | 91.6 | 91.7 | 91.7  | 91.7  | 92.0  | 92.0   | 92.0  | 92.0  |
| >=1000  | 40.1                       | 78.1 | 81.5 | 86.5 | 90.1 | 90.6    | 92.7 | 93.6    | 94.0 | 94.1 | 94.3  | 94.3  | 94.8  | 94.8   | 94.8  | 94.9  |
| >=900   | 40.1                       | 78.1 | 81.5 | 86.5 | 90.1 | 90.6    | 92.7 | 93.6    | 94.0 | 94.1 | 94.3  | 94.3  | 94.8  | 94.8   | 94.8  | 94.9  |
| >=800   | 40.4                       | 78.9 | 82.5 | 87.7 | 91.2 | 91.7    | 93.9 | 94.9    | 95.3 | 95.5 | 95.7  | 95.7  | 96.3  | 96.3   | 96.4  | 96.4  |
| >=700   | 40.4                       | 78.9 | 82.5 | 87.7 | 91.2 | 91.7    | 93.9 | 94.9    | 95.4 | 95.6 | 95.9  | 95.9  | 96.4  | 96.4   | 96.4  | 96.5  |
| >=600   | 40.5                       | 79.0 | 82.6 | 87.8 | 91.3 | 92.0    | 94.4 | 95.5    | 96.1 | 96.3 | 96.5  | 96.5  | 97.2  | 97.2   | 97.3  | 97.3  |
| >=500   | 40.5                       | 79.0 | 82.6 | 88.0 | 91.7 | 92.4    | 95.0 | 96.3    | 96.9 | 97.1 | 97.4  | 97.4  | 98.5  | 98.5   | 98.7  | 98.7  |
| >=400   | 40.5                       | 79.0 | 82.6 | 88.1 | 91.8 | 92.6    | 95.2 | 96.5    | 97.1 | 97.3 | 97.6  | 97.6  | 98.8  | 98.8   | 99.1  | 99.1  |
| >=300   | 40.5                       | 79.0 | 82.6 | 88.1 | 91.8 | 92.6    | 95.2 | 96.5    | 97.1 | 97.4 | 97.7  | 97.7  | 99.0  | 99.0   | 99.3  | 99.3  |
| >=200   | 40.5                       | 79.0 | 82.6 | 88.1 | 91.8 | 92.6    | 95.2 | 96.5    | 97.1 | 97.4 | 97.7  | 97.7  | 99.2  | 99.2   | 99.4  | 99.6  |
| >=100   | 40.5                       | 79.0 | 82.6 | 88.1 | 91.8 | 92.6    | 95.2 | 96.5    | 97.1 | 97.4 | 97.7  | 97.7  | 99.3  | 99.3   | 99.5  | 99.9  |
| >=0     | 40.5                       | 79.0 | 82.6 | 88.1 | 91.8 | 92.6    | 95.2 | 96.5    | 97.1 | 97.4 | 97.7  | 97.7  | 99.3  | 99.3   | 99.5  | 100.0 |

TOTAL NO. OF OBS : 988

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : APR  
 HOUR : 0300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 15.8                       | 30.4 | 32.4 | 33.9 | 34.6 | 34.8 | 35.3 | 35.5 | 35.7 | 35.7 |
| >=20000 | 17.2                       | 33.3 | 35.4 | 37.1 | 38.3 | 38.3 | 38.8 | 39.1 | 39.3 | 39.3 |
| >=18000 | 17.3                       | 33.4 | 35.5 | 37.3 | 38.5 | 38.5 | 39.0 | 39.3 | 39.5 | 39.5 |
| >=16000 | 17.4                       | 33.6 | 35.7 | 37.6 | 38.7 | 38.7 | 39.2 | 39.5 | 39.7 | 39.7 |
| >=14000 | 17.5                       | 34.0 | 36.1 | 38.0 | 39.1 | 39.1 | 39.6 | 39.9 | 40.1 | 40.1 |
| >=12000 | 18.2                       | 35.1 | 37.2 | 39.2 | 40.3 | 40.3 | 40.8 | 41.1 | 41.3 | 41.3 |
| >=10000 | 20.5                       | 38.8 | 40.9 | 42.8 | 44.1 | 44.1 | 44.8 | 45.1 | 45.3 | 45.3 |
| >= 9000 | 21.0                       | 39.7 | 41.9 | 43.8 | 45.2 | 45.2 | 46.0 | 46.3 | 46.5 | 46.5 |
| >= 8000 | 22.9                       | 43.5 | 45.7 | 48.4 | 49.8 | 49.8 | 50.5 | 50.8 | 51.0 | 51.0 |
| >= 7000 | 23.9                       | 45.3 | 47.7 | 50.4 | 51.9 | 51.9 | 52.6 | 52.9 | 53.2 | 53.2 |
| >= 6000 | 24.8                       | 46.7 | 49.1 | 51.8 | 53.4 | 53.4 | 54.3 | 54.6 | 54.9 | 54.9 |
| >= 5000 | 26.8                       | 49.9 | 52.3 | 55.1 | 56.7 | 56.7 | 57.6 | 57.9 | 58.2 | 58.2 |
| >= 4500 | 27.3                       | 50.6 | 53.1 | 55.9 | 57.5 | 57.5 | 58.4 | 58.7 | 59.0 | 59.0 |
| >= 4000 | 29.9                       | 58.3 | 60.9 | 63.9 | 65.6 | 65.6 | 66.7 | 67.2 | 67.5 | 67.5 |
| >= 3500 | 31.3                       | 60.6 | 63.4 | 66.3 | 68.2 | 68.2 | 69.3 | 69.9 | 70.2 | 70.2 |
| >= 3000 | 33.6                       | 67.0 | 70.3 | 73.7 | 76.0 | 76.3 | 77.5 | 78.1 | 78.5 | 78.5 |
| >= 2500 | 34.7                       | 68.9 | 72.5 | 76.0 | 78.5 | 78.8 | 80.1 | 80.7 | 81.4 | 81.4 |
| >= 2000 | 35.7                       | 71.2 | 75.0 | 79.1 | 82.2 | 82.6 | 84.5 | 85.2 | 86.2 | 86.2 |
| >= 1800 | 35.7                       | 71.2 | 75.0 | 79.1 | 82.2 | 82.6 | 84.5 | 85.2 | 86.3 | 86.4 |
| >= 1500 | 35.9                       | 72.3 | 76.2 | 80.5 | 83.9 | 84.5 | 86.5 | 87.3 | 88.7 | 88.9 |
| >= 1200 | 35.9                       | 72.3 | 76.2 | 80.5 | 84.0 | 84.7 | 86.7 | 87.6 | 89.0 | 89.2 |
| >= 1000 | 36.2                       | 73.3 | 77.6 | 82.7 | 86.6 | 87.3 | 89.9 | 91.0 | 92.6 | 92.8 |
| >= 900  | 36.2                       | 73.3 | 77.6 | 82.7 | 86.6 | 87.3 | 89.9 | 91.0 | 92.6 | 92.8 |
| >= 800  | 36.3                       | 74.1 | 78.5 | 83.6 | 87.9 | 88.6 | 91.2 | 92.5 | 94.2 | 94.5 |
| >= 700  | 36.3                       | 74.1 | 78.5 | 83.6 | 87.9 | 88.7 | 91.3 | 92.6 | 94.4 | 94.7 |
| >= 600  | 36.3                       | 74.2 | 78.6 | 84.0 | 88.4 | 89.3 | 92.0 | 93.4 | 95.3 | 95.6 |
| >= 500  | 36.3                       | 74.3 | 78.8 | 84.2 | 88.8 | 89.7 | 92.6 | 94.1 | 96.2 | 96.5 |
| >= 400  | 36.4                       | 74.4 | 78.9 | 84.3 | 88.9 | 89.8 | 92.7 | 94.2 | 96.3 | 96.6 |
| >= 300  | 36.4                       | 74.4 | 78.9 | 84.4 | 89.0 | 89.9 | 92.9 | 94.4 | 96.5 | 96.8 |
| >= 200  | 36.4                       | 74.4 | 78.9 | 84.4 | 89.0 | 89.9 | 92.9 | 94.4 | 96.5 | 96.8 |
| >= 100  | 36.4                       | 74.4 | 78.9 | 84.4 | 89.0 | 89.9 | 92.9 | 94.4 | 96.5 | 96.9 |
| >= 0    | 36.4                       | 74.4 | 78.9 | 84.4 | 89.0 | 89.9 | 92.9 | 94.4 | 96.5 | 96.9 |

>=1/2 >=5/16 >=1/4 >=0  
 35.8 35.8 35.8 35.8  
 39.4 39.4 39.4 39.4  
 39.6 39.6 39.6 39.6  
 40.2 40.2 40.2 40.2  
 41.4 41.4 41.4 41.4  
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 46.6 46.6 46.6 46.6  
 51.2 51.2 51.2 51.2  
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 55.1 55.1 55.1 55.1  
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 59.2 59.2 59.2 59.2  
 67.9 67.9 67.9 67.9  
 70.6 70.6 70.6 70.6  
 79.1 79.1 79.1 79.1  
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 89.7 89.7 89.7 89.7  
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 93.7 93.7 93.7 93.7  
 94.2 94.2 94.2 94.2  
 95.4 95.4 95.4 95.4  
 96.0 96.0 96.0 96.0  
 96.6 96.6 96.6 96.6  
 97.7 97.7 97.7 97.7  
 98.0 98.0 98.0 98.0  
 98.1 98.1 98.1 98.1  
 98.5 98.5 98.5 98.5  
 98.6 98.6 98.6 98.6  
 98.7 98.7 98.7 98.7  
 98.8 98.8 98.8 98.8  
 100.0 100.0 100.0 100.0

TOTAL NO. OF OBS : 988

U43323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : APR  
HOUR : 0600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/4  | >=1/4 | >=0   |
| UNLIMIT | 9.3                        | 21.7 | 24.8 | 27.6 | 30.1 | 30.7 | 31.9 | 32.5 | 32.7 | 32.7  | 33.1  |
| >=20000 | 9.9                        | 25.1 | 28.4 | 31.3 | 33.8 | 34.4 | 35.7 | 36.3 | 36.6 | 36.9  | 37.0  |
| >=18000 | 10.0                       | 25.2 | 28.5 | 31.4 | 33.9 | 34.5 | 35.8 | 36.4 | 36.7 | 37.0  | 37.1  |
| >=16000 | 10.0                       | 25.2 | 28.6 | 31.5 | 34.1 | 34.7 | 36.0 | 36.6 | 36.9 | 37.2  | 37.3  |
| >=14000 | 10.1                       | 25.6 | 29.0 | 32.0 | 34.6 | 35.2 | 36.5 | 37.1 | 37.4 | 37.7  | 37.8  |
| >=12000 | 11.0                       | 27.1 | 30.5 | 34.0 | 36.7 | 37.3 | 38.7 | 39.4 | 39.7 | 40.0  | 40.1  |
| >=10000 | 12.6                       | 29.8 | 33.2 | 37.3 | 40.4 | 41.1 | 42.6 | 43.3 | 43.6 | 43.9  | 44.0  |
| >=9000  | 12.7                       | 30.3 | 33.7 | 37.8 | 40.9 | 41.6 | 43.2 | 43.9 | 44.2 | 44.5  | 44.6  |
| >=8000  | 14.1                       | 33.8 | 37.7 | 42.4 | 45.6 | 46.3 | 47.9 | 48.7 | 49.2 | 49.7  | 49.8  |
| >=7000  | 14.8                       | 35.5 | 39.7 | 45.0 | 48.3 | 49.0 | 51.0 | 51.8 | 52.4 | 52.9  | 53.0  |
| >=6000  | 15.2                       | 36.5 | 40.7 | 46.1 | 49.6 | 50.4 | 52.3 | 53.2 | 53.8 | 54.3  | 54.4  |
| >=5000  | 16.8                       | 39.4 | 43.7 | 49.1 | 53.0 | 53.7 | 55.8 | 56.7 | 57.4 | 58.0  | 58.1  |
| >=4500  | 17.4                       | 40.3 | 44.7 | 50.3 | 54.1 | 54.9 | 57.0 | 58.1 | 58.6 | 59.2  | 59.3  |
| >=4000  | 19.5                       | 44.9 | 48.8 | 55.9 | 59.9 | 60.9 | 63.3 | 64.2 | 64.9 | 65.5  | 65.6  |
| >=3500  | 19.9                       | 46.2 | 51.7 | 58.0 | 62.2 | 63.2 | 65.7 | 66.7 | 67.5 | 68.1  | 68.2  |
| >=3000  | 21.6                       | 52.2 | 58.4 | 65.4 | 70.3 | 71.3 | 74.0 | 75.1 | 76.3 | 77.1  | 77.2  |
| >=2500  | 22.2                       | 54.3 | 60.6 | 67.8 | 73.1 | 74.1 | 77.2 | 78.4 | 79.6 | 80.5  | 80.6  |
| >=2000  | 22.5                       | 55.2 | 61.8 | 69.4 | 74.9 | 76.0 | 79.6 | 81.1 | 82.5 | 83.6  | 83.9  |
| >=1800  | 22.5                       | 55.2 | 61.8 | 69.4 | 74.9 | 76.0 | 79.6 | 81.1 | 82.5 | 83.6  | 83.9  |
| >=1500  | 23.1                       | 56.7 | 63.6 | 72.0 | 78.0 | 79.3 | 83.3 | 84.9 | 86.5 | 88.0  | 88.3  |
| >=1200  | 23.1                       | 56.7 | 63.6 | 72.0 | 78.2 | 79.5 | 83.5 | 85.1 | 86.7 | 88.3  | 88.6  |
| >=1000  | 23.3                       | 57.4 | 64.8 | 73.6 | 80.7 | 82.0 | 86.2 | 88.0 | 89.9 | 90.6  | 92.3  |
| >=900   | 23.3                       | 57.5 | 64.9 | 73.7 | 80.8 | 82.1 | 86.3 | 88.1 | 90.1 | 90.8  | 92.5  |
| >=800   | 23.5                       | 58.1 | 65.8 | 74.6 | 81.9 | 83.4 | 87.8 | 90.1 | 92.2 | 93.0  | 94.9  |
| >=700   | 23.6                       | 58.4 | 66.0 | 74.8 | 82.1 | 83.6 | 88.1 | 90.5 | 92.6 | 93.4  | 95.3  |
| >=600   | 23.6                       | 58.6 | 66.3 | 75.2 | 82.7 | 84.2 | 88.7 | 91.1 | 93.2 | 94.2  | 96.3  |
| >=500   | 23.7                       | 58.9 | 66.7 | 75.6 | 83.4 | 84.9 | 89.4 | 91.8 | 93.9 | 95.0  | 97.6  |
| >=400   | 23.8                       | 59.0 | 66.8 | 75.7 | 83.5 | 85.0 | 89.6 | 92.0 | 94.3 | 95.4  | 98.2  |
| >=300   | 23.8                       | 59.0 | 66.8 | 75.8 | 83.6 | 85.1 | 89.7 | 92.1 | 94.6 | 95.7  | 99.0  |
| >=200   | 23.9                       | 59.2 | 67.0 | 76.0 | 83.8 | 85.3 | 89.9 | 92.3 | 94.9 | 96.0  | 99.4  |
| >=100   | 23.9                       | 59.2 | 67.0 | 76.0 | 83.8 | 85.3 | 89.9 | 92.3 | 94.9 | 96.0  | 99.5  |
| >=0     | 23.9                       | 59.2 | 67.0 | 76.0 | 83.8 | 85.3 | 89.9 | 92.3 | 94.9 | 96.0  | 100.0 |

|                    |     |
|--------------------|-----|
| TOTAL NO. OF OPS : | 999 |
|--------------------|-----|



## 2 - CEILING VS VISIBILITY

L43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : APR  
 HOUR : 0900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/4  | >=1/8 |
| UNLIMIT | 7.8                        | 22.6 | 26.8 | 30.2 | 33.1 | 33.5 | 34.8 | 35.7 | 35.8 | 36.3  |
| >=20000 | 9.0                        | 26.2 | 30.7 | 34.8 | 38.0 | 38.4 | 39.8 | 41.0 | 41.2 | 41.9  |
| >=18000 | 9.0                        | 26.3 | 30.9 | 35.0 | 38.3 | 38.7 | 40.1 | 41.3 | 41.5 | 42.2  |
| >=16000 | 9.0                        | 26.3 | 30.9 | 35.0 | 38.3 | 38.7 | 40.1 | 41.3 | 41.5 | 42.2  |
| >=14000 | 9.0                        | 26.5 | 31.3 | 35.4 | 38.7 | 39.2 | 40.6 | 41.9 | 42.1 | 42.8  |
| >=12000 | 9.4                        | 27.7 | 32.6 | 36.8 | 40.1 | 40.7 | 42.4 | 43.6 | 43.8 | 44.5  |
| >=10000 | 10.4                       | 30.3 | 35.7 | 40.7 | 44.2 | 44.8 | 46.7 | 48.1 | 48.3 | 49.1  |
| >=9000  | 10.6                       | 30.7 | 36.3 | 41.4 | 44.8 | 45.4 | 47.3 | 48.7 | 48.9 | 49.8  |
| >=8000  | 11.1                       | 33.0 | 39.0 | 44.9 | 48.7 | 49.4 | 51.5 | 53.0 | 53.2 | 54.3  |
| >=7000  | 11.3                       | 34.2 | 40.7 | 46.9 | 51.0 | 51.8 | 53.9 | 55.3 | 55.7 | 56.8  |
| >=6000  | 11.4                       | 34.5 | 41.1 | 47.3 | 51.4 | 52.2 | 54.2 | 55.8 | 56.2 | 57.4  |
| >=5000  | 12.9                       | 38.2 | 44.9 | 51.5 | 55.9 | 56.7 | 58.7 | 60.4 | 60.9 | 62.2  |
| >=4500  | 13.4                       | 39.3 | 46.3 | 52.9 | 57.3 | 58.2 | 60.3 | 62.0 | 62.5 | 63.8  |
| >=4000  | 14.1                       | 43.7 | 51.6 | 58.6 | 63.3 | 64.4 | 66.5 | 68.4 | 68.9 | 70.2  |
| >=3500  | 14.4                       | 44.9 | 53.3 | 60.6 | 65.7 | 66.8 | 69.2 | 71.0 | 71.5 | 72.9  |
| >=3000  | 15.0                       | 48.0 | 57.1 | 65.2 | 70.7 | 71.8 | 74.1 | 76.1 | 76.7 | 78.4  |
| >=2500  | 15.2                       | 49.0 | 58.7 | 67.2 | 72.8 | 73.9 | 76.4 | 78.7 | 79.3 | 80.9  |
| >=2000  | 15.3                       | 50.3 | 60.5 | 69.2 | 74.9 | 76.2 | 78.9 | 81.3 | 82.0 | 83.8  |
| >=1800  | 15.3                       | 50.3 | 60.5 | 69.2 | 74.9 | 76.2 | 78.9 | 81.3 | 82.0 | 83.8  |
| >=1500  | 15.3                       | 51.2 | 61.9 | 71.0 | 77.2 | 78.8 | 81.8 | 84.3 | 85.0 | 87.2  |
| >=1200  | 15.6                       | 51.6 | 62.3 | 71.5 | 77.9 | 79.4 | 82.4 | 84.9 | 85.6 | 88.0  |
| >=1000  | 15.7                       | 52.2 | 63.3 | 72.8 | 79.6 | 81.4 | 84.6 | 87.4 | 88.2 | 90.6  |
| >=900   | 15.7                       | 52.2 | 63.3 | 72.8 | 79.6 | 81.4 | 84.7 | 87.5 | 88.3 | 90.7  |
| >=800   | 15.9                       | 52.9 | 64.1 | 73.7 | 80.5 | 82.5 | 86.6 | 89.8 | 90.6 | 93.2  |
| >=700   | 16.0                       | 53.0 | 64.2 | 73.9 | 80.7 | 82.7 | 86.9 | 90.1 | 91.0 | 93.7  |
| >=600   | 16.0                       | 53.0 | 64.2 | 73.9 | 80.8 | 82.8 | 87.0 | 90.3 | 91.2 | 94.0  |
| >=500   | 16.0                       | 53.2 | 64.6 | 74.4 | 81.3 | 83.3 | 87.6 | 91.0 | 92.0 | 95.0  |
| >=400   | 16.1                       | 53.4 | 64.8 | 74.7 | 81.6 | 83.6 | 88.0 | 91.5 | 92.5 | 95.7  |
| >=300   | 16.1                       | 53.4 | 64.8 | 74.7 | 81.6 | 83.7 | 88.1 | 91.6 | 92.6 | 95.9  |
| >=200   | 16.1                       | 53.4 | 64.8 | 74.7 | 81.6 | 83.7 | 88.1 | 91.6 | 92.6 | 95.9  |
| >=100   | 16.1                       | 53.4 | 64.8 | 74.7 | 81.6 | 83.7 | 88.1 | 91.6 | 92.6 | 95.9  |
| >=0     | 16.1                       | 53.4 | 64.8 | 74.7 | 81.6 | 83.7 | 88.1 | 91.6 | 92.6 | 95.9  |

TOTAL NO. OF OBS : 989

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E FLEV. : 10 FT  
 MONTH : APR  
 HOUR : 1200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=0  |
| UNLIMIT | 13.4                       | 31.7 | 34.9 | 36.7 | 37.8 | 38.0 | 38.6 | 38.8 | 38.8 | 39.0 |
| >=20000 | 14.7                       | 37.0 | 40.8 | 43.0 | 44.3 | 44.6 | 45.2 | 45.5 | 45.5 | 45.7 |
| >=18000 | 14.7                       | 37.0 | 40.9 | 43.1 | 44.4 | 44.7 | 45.3 | 45.6 | 45.6 | 45.8 |
| >=16000 | 14.7                       | 37.1 | 41.0 | 43.2 | 44.5 | 44.8 | 45.4 | 45.7 | 45.7 | 45.9 |
| >=14000 | 14.9                       | 37.4 | 41.7 | 43.5 | 44.8 | 45.1 | 45.7 | 46.0 | 46.0 | 46.2 |
| >=12000 | 16.2                       | 39.5 | 43.5 | 46.2 | 47.4 | 47.7 | 48.5 | 48.9 | 48.9 | 49.1 |
| >=10000 | 17.1                       | 43.0 | 47.6 | 50.8 | 52.5 | 52.8 | 53.7 | 54.2 | 54.2 | 54.5 |
| >= 9000 | 17.2                       | 43.8 | 48.4 | 51.5 | 53.2 | 53.5 | 54.4 | 54.9 | 55.0 | 55.2 |
| >= 8000 | 18.1                       | 46.5 | 51.8 | 55.4 | 57.2 | 57.5 | 58.6 | 59.1 | 59.2 | 59.5 |
| >= 7000 | 18.6                       | 48.1 | 53.4 | 57.3 | 59.2 | 59.6 | 61.1 | 61.6 | 61.7 | 62.0 |
| >= 6000 | 19.1                       | 48.8 | 54.2 | 58.2 | 60.2 | 60.7 | 62.1 | 62.7 | 62.8 | 63.1 |
| >= 5000 | 20.5                       | 51.3 | 57.0 | 61.5 | 63.8 | 64.2 | 65.7 | 66.4 | 66.6 | 67.0 |
| >= 4500 | 20.7                       | 52.3 | 57.9 | 62.5 | 64.9 | 65.3 | 66.7 | 67.4 | 67.6 | 68.0 |
| >= 4000 | 21.1                       | 55.6 | 62.2 | 67.1 | 69.7 | 70.1 | 71.6 | 72.3 | 72.7 | 73.2 |
| >= 3500 | 21.6                       | 56.6 | 63.4 | 68.5 | 71.2 | 71.6 | 73.2 | 74.1 | 74.5 | 75.0 |
| >= 3000 | 22.1                       | 59.5 | 67.6 | 73.4 | 76.5 | 77.0 | 78.8 | 80.0 | 80.5 | 81.1 |
| >= 2500 | 22.7                       | 60.9 | 69.2 | 75.2 | 78.6 | 79.3 | 81.1 | 82.5 | 83.0 | 83.7 |
| >= 2000 | 23.3                       | 62.3 | 70.8 | 77.4 | 80.9 | 81.8 | 84.0 | 85.6 | 86.1 | 86.9 |
| >= 1800 | 23.3                       | 62.3 | 70.8 | 77.4 | 80.9 | 81.8 | 84.0 | 85.6 | 86.1 | 86.9 |
| >= 1500 | 23.3                       | 63.2 | 71.9 | 78.7 | 82.6 | 83.5 | 86.2 | 87.8 | 88.4 | 89.4 |
| >= 1200 | 23.4                       | 63.4 | 72.3 | 79.2 | 83.2 | 84.1 | 86.9 | 88.5 | 89.1 | 90.2 |
| >= 1000 | 23.7                       | 64.2 | 73.5 | 80.8 | 85.7 | 86.3 | 89.0 | 91.1 | 91.8 | 93.1 |
| >= 900  | 23.7                       | 64.2 | 73.5 | 80.8 | 85.3 | 86.3 | 89.0 | 91.1 | 91.8 | 93.1 |
| >= 800  | 23.7                       | 64.7 | 74.0 | 81.8 | 86.5 | 87.4 | 90.5 | 92.6 | 93.3 | 94.9 |
| >= 700  | 23.7                       | 64.8 | 74.1 | 82.0 | 86.7 | 87.6 | 90.7 | 92.8 | 93.5 | 95.1 |
| >= 600  | 23.7                       | 64.8 | 74.1 | 82.0 | 86.8 | 87.8 | 90.9 | 93.1 | 93.9 | 95.6 |
| >= 500  | 23.8                       | 65.5 | 74.8 | 82.7 | 87.5 | 88.5 | 91.6 | 94.0 | 94.7 | 96.4 |
| >= 400  | 23.8                       | 65.5 | 74.8 | 82.7 | 87.5 | 88.5 | 91.6 | 94.2 | 94.9 | 96.6 |
| >= 300  | 23.8                       | 65.6 | 74.9 | 82.8 | 87.6 | 88.6 | 91.8 | 94.3 | 95.0 | 96.7 |
| >= 200  | 23.8                       | 65.6 | 74.9 | 82.8 | 87.6 | 88.6 | 91.8 | 94.3 | 95.0 | 96.7 |
| >= 100  | 23.8                       | 65.6 | 74.9 | 82.8 | 87.6 | 88.6 | 91.8 | 94.3 | 95.0 | 96.7 |
| >= 0    | 23.8                       | 65.6 | 74.9 | 82.8 | 87.6 | 88.6 | 91.8 | 94.3 | 95.0 | 96.7 |

TOTAL NO. OF OBS : 976

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : APR  
HOUR : 1500 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |         |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|---------|-------|-------|-------|--------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=1 1/4 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |
| UNLIMIT | 20.9                       | 37.3 | 36.1 | 38.6 | 38.6 | 38.7    | 38.7 | 38.8    | 38.8 | 38.8    | 38.8  | 38.8  | 38.8  | 38.8   | 38.8  | 38.8  |
| >=20000 | 23.1                       | 45.1 | 46.5 | 47.5 | 47.5 | 47.6    | 47.7 | 47.8    | 47.8 | 47.8    | 47.8  | 47.8  | 47.8  | 47.8   | 47.8  | 47.8  |
| >=18000 | 23.2                       | 45.2 | 46.6 | 47.6 | 47.6 | 47.7    | 47.8 | 47.9    | 47.9 | 47.9    | 47.9  | 47.9  | 47.9  | 47.9   | 47.9  | 47.9  |
| >=16000 | 23.3                       | 45.3 | 46.8 | 47.8 | 47.8 | 47.9    | 48.0 | 48.2    | 48.2 | 48.2    | 48.2  | 48.2  | 48.2  | 48.2   | 48.2  | 48.2  |
| >=14000 | 23.7                       | 46.0 | 47.5 | 48.6 | 48.6 | 48.7    | 48.8 | 48.9    | 48.9 | 48.9    | 48.9  | 48.9  | 48.9  | 48.9   | 48.9  | 48.9  |
| >=12000 | 24.9                       | 48.3 | 50.0 | 51.0 | 51.0 | 51.1    | 51.3 | 51.4    | 51.4 | 51.4    | 51.4  | 51.4  | 51.4  | 51.4   | 51.4  | 51.4  |
| >=10000 | 26.0                       | 51.8 | 53.8 | 55.1 | 55.2 | 55.3    | 55.5 | 55.6    | 55.6 | 55.6    | 55.6  | 55.6  | 55.6  | 55.6   | 55.6  | 55.6  |
| >= 9000 | 26.0                       | 52.4 | 54.3 | 55.6 | 55.7 | 55.9    | 56.1 | 56.2    | 56.2 | 56.2    | 56.2  | 56.2  | 56.2  | 56.2   | 56.2  | 56.2  |
| >= 8000 | 27.5                       | 56.0 | 57.9 | 59.4 | 59.8 | 59.9    | 60.1 | 60.2    | 60.2 | 60.2    | 60.2  | 60.3  | 60.3  | 60.3   | 60.3  | 60.3  |
| >= 7000 | 28.2                       | 57.5 | 59.5 | 61.1 | 61.5 | 61.6    | 61.9 | 62.0    | 62.0 | 62.0    | 62.0  | 62.1  | 62.1  | 62.1   | 62.1  | 62.1  |
| >= 6000 | 28.6                       | 57.9 | 60.2 | 61.7 | 62.1 | 62.2    | 62.6 | 62.7    | 62.7 | 62.7    | 62.7  | 62.8  | 62.8  | 62.8   | 62.8  | 62.8  |
| >= 5000 | 29.7                       | 60.6 | 63.2 | 65.2 | 65.7 | 65.8    | 66.3 | 66.4    | 66.5 | 66.5    | 66.5  | 66.6  | 66.6  | 66.6   | 66.6  | 66.6  |
| >= 4500 | 29.9                       | 61.5 | 64.4 | 66.6 | 67.1 | 67.2    | 67.8 | 67.9    | 68.0 | 68.0    | 68.0  | 68.1  | 68.1  | 68.1   | 68.1  | 68.1  |
| >= 4000 | 31.7                       | 66.2 | 69.5 | 72.1 | 72.6 | 72.9    | 73.4 | 73.5    | 73.6 | 73.6    | 73.6  | 73.7  | 73.7  | 73.7   | 73.7  | 73.7  |
| >= 3500 | 32.4                       | 68.6 | 71.9 | 74.8 | 75.5 | 75.8    | 76.3 | 76.5    | 76.6 | 76.7    | 76.7  | 76.8  | 76.8  | 76.8   | 76.8  | 76.8  |
| >= 3000 | 34.2                       | 72.4 | 76.4 | 80.0 | 80.9 | 81.3    | 81.8 | 82.2    | 82.4 | 82.5    | 82.5  | 82.6  | 82.6  | 82.6   | 82.6  | 82.6  |
| >= 2500 | 34.5                       | 73.6 | 77.7 | 81.4 | 82.5 | 83.0    | 83.5 | 83.9    | 84.1 | 84.2    | 84.2  | 84.3  | 84.3  | 84.3   | 84.3  | 84.3  |
| >= 2000 | 35.0                       | 74.8 | 79.3 | 83.3 | 84.6 | 85.1    | 85.6 | 86.1    | 86.3 | 86.7    | 86.8  | 86.9  | 87.1  | 87.1   | 87.1  | 87.1  |
| >= 1800 | 35.0                       | 74.8 | 79.3 | 83.3 | 84.6 | 85.1    | 85.6 | 86.1    | 86.3 | 86.7    | 86.8  | 86.9  | 87.1  | 87.1   | 87.1  | 87.1  |
| >= 1500 | 35.4                       | 75.9 | 80.9 | 85.1 | 86.8 | 87.4    | 88.1 | 88.8    | 89.0 | 89.5    | 89.6  | 89.7  | 90.0  | 90.0   | 90.0  | 90.0  |
| >= 1200 | 35.5                       | 76.1 | 81.2 | 85.4 | 87.2 | 87.8    | 88.5 | 89.2    | 89.4 | 90.0    | 90.2  | 90.3  | 90.7  | 90.7   | 90.7  | 90.7  |
| >= 1000 | 35.7                       | 77.0 | 82.3 | 86.8 | 88.9 | 89.5    | 90.3 | 91.3    | 91.6 | 92.4    | 92.8  | 92.9  | 93.3  | 93.3   | 93.3  | 93.3  |
| >= 900  | 35.7                       | 77.0 | 82.3 | 86.8 | 88.9 | 89.5    | 90.3 | 91.3    | 91.6 | 92.4    | 92.8  | 92.9  | 93.3  | 93.4   | 93.4  | 93.4  |
| >= 800  | 35.8                       | 77.6 | 83.2 | 87.8 | 89.9 | 90.8    | 92.1 | 93.2    | 93.5 | 94.9    | 95.5  | 95.6  | 96.3  | 96.4   | 96.5  | 96.5  |
| >= 700  | 36.0                       | 77.8 | 83.4 | 88.0 | 90.2 | 91.1    | 92.4 | 93.5    | 93.8 | 95.2    | 95.9  | 96.0  | 96.7  | 96.8   | 96.9  | 96.9  |
| >= 600  | 36.1                       | 77.9 | 83.7 | 88.3 | 90.7 | 91.5    | 92.8 | 93.9    | 94.3 | 95.7    | 96.5  | 96.6  | 97.3  | 97.4   | 97.7  | 97.7  |
| >= 500  | 36.2                       | 78.0 | 83.9 | 88.5 | 91.0 | 91.8    | 93.1 | 94.3    | 94.7 | 96.1    | 97.0  | 97.1  | 97.9  | 98.0   | 98.5  | 98.5  |
| >= 400  | 36.2                       | 78.1 | 83.9 | 88.6 | 91.1 | 91.9    | 93.2 | 94.7    | 95.1 | 96.6    | 97.5  | 97.6  | 98.5  | 98.6   | 99.0  | 99.0  |
| >= 300  | 36.2                       | 78.2 | 84.0 | 88.7 | 91.3 | 92.1    | 93.5 | 94.9    | 95.3 | 96.8    | 97.7  | 97.8  | 98.7  | 98.8   | 99.2  | 99.3  |
| >= 200  | 36.2                       | 78.2 | 84.1 | 88.8 | 91.4 | 92.2    | 93.6 | 95.0    | 95.4 | 96.9    | 97.8  | 97.9  | 98.8  | 98.9   | 99.3  | 99.5  |
| >= 100  | 36.2                       | 78.2 | 84.1 | 88.8 | 91.4 | 92.2    | 93.6 | 95.0    | 95.4 | 96.9    | 97.8  | 97.9  | 98.8  | 98.9   | 99.3  | 99.6  |
| >= 0    | 36.2                       | 78.2 | 84.1 | 88.8 | 91.4 | 92.2    | 93.6 | 95.0    | 95.4 | 96.9    | 97.8  | 97.9  | 98.6  | 98.9   | 99.5  | 100.0 |

TOTAL NO. OF OBS : 974

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : APR  
 HOUR : 1800 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |         |         |         |      |
|---------|----------------------------|------|------|------|------|---------|---------|---------|---------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2 1/2 | >=1 1/2 | >=1 1/4 | >=1  |
| UNLIMIT | 14.9                       | 31.0 | 32.4 | 32.6 | 32.7 | 32.7    | 32.7    | 32.8    | 32.9    | 32.9 |
| >=20000 | 17.7                       | 38.7 | 40.5 | 40.8 | 40.9 | 40.9    | 40.9    | 41.0    | 41.1    | 41.1 |
| >=18000 | 17.8                       | 39.4 | 41.1 | 41.4 | 41.5 | 41.5    | 41.5    | 41.6    | 41.7    | 41.7 |
| >=16000 | 18.0                       | 39.6 | 41.4 | 41.7 | 41.8 | 41.8    | 41.8    | 41.9    | 42.0    | 42.0 |
| >=14000 | 18.7                       | 40.6 | 42.5 | 42.9 | 43.0 | 43.0    | 43.0    | 43.1    | 43.2    | 43.2 |
| >=12000 | 19.6                       | 42.4 | 44.4 | 44.7 | 44.8 | 44.8    | 44.8    | 44.9    | 45.0    | 45.0 |
| >=10000 | 21.6                       | 47.1 | 49.3 | 49.9 | 50.3 | 50.3    | 50.3    | 50.4    | 50.5    | 50.5 |
| >= 9000 | 22.1                       | 48.2 | 50.5 | 51.3 | 51.7 | 51.7    | 51.7    | 51.8    | 51.9    | 51.9 |
| >= 8000 | 24.2                       | 52.5 | 55.2 | 56.3 | 56.7 | 56.8    | 56.9    | 57.1    | 57.1    | 57.1 |
| >= 7000 | 25.3                       | 54.9 | 57.8 | 59.1 | 59.6 | 59.8    | 59.9    | 60.0    | 60.1    | 60.1 |
| >= 6000 | 25.6                       | 55.9 | 58.9 | 60.2 | 60.8 | 61.0    | 61.2    | 61.3    | 61.4    | 61.4 |
| >= 5000 | 27.6                       | 59.5 | 62.6 | 63.9 | 64.9 | 65.1    | 65.2    | 65.3    | 65.4    | 65.4 |
| >= 4500 | 28.2                       | 60.3 | 63.4 | 64.7 | 65.7 | 66.1    | 66.2    | 66.3    | 66.3    | 66.3 |
| >= 4000 | 30.4                       | 66.3 | 69.8 | 71.3 | 72.6 | 72.8    | 73.0    | 73.1    | 73.2    | 73.3 |
| >= 3500 | 30.9                       | 67.8 | 71.3 | 73.1 | 74.4 | 74.6    | 74.9    | 75.0    | 75.1    | 75.2 |
| >= 3000 | 32.3                       | 72.5 | 76.9 | 79.1 | 80.6 | 80.8    | 81.3    | 81.5    | 81.7    | 81.8 |
| >= 2500 | 32.5                       | 73.6 | 78.1 | 80.7 | 82.1 | 82.3    | 82.8    | 83.0    | 83.2    | 83.4 |
| >= 2000 | 32.8                       | 74.7 | 79.7 | 82.3 | 84.3 | 84.6    | 85.2    | 85.4    | 85.6    | 85.7 |
| >= 1800 | 32.9                       | 74.8 | 79.8 | 82.4 | 84.4 | 84.7    | 85.3    | 85.5    | 85.7    | 85.8 |
| >= 1500 | 33.3                       | 75.6 | 80.9 | 84.0 | 86.3 | 86.8    | 87.9    | 88.3    | 88.5    | 88.8 |
| >= 1200 | 33.3                       | 75.7 | 81.1 | 84.3 | 86.6 | 87.2    | 88.3    | 88.8    | 89.0    | 89.3 |
| >= 1000 | 33.4                       | 76.7 | 82.1 | 85.8 | 88.5 | 89.1    | 90.5    | 91.2    | 91.4    | 92.0 |
| >= 900  | 33.5                       | 76.9 | 82.3 | 86.1 | 88.8 | 89.4    | 90.5    | 91.5    | 91.7    | 92.3 |
| >= 800  | 33.6                       | 77.3 | 82.9 | 87.3 | 90.1 | 90.9    | 92.4    | 93.1    | 93.3    | 94.0 |
| >= 700  | 33.7                       | 77.6 | 83.2 | 87.6 | 90.5 | 91.3    | 92.8    | 93.5    | 93.7    | 94.6 |
| >= 600  | 33.7                       | 77.7 | 83.5 | 87.8 | 90.8 | 91.5    | 93.3    | 94.2    | 94.5    | 95.3 |
| >= 500  | 33.7                       | 78.0 | 83.9 | 88.2 | 91.5 | 92.3    | 94.2    | 95.2    | 95.4    | 96.2 |
| >= 400  | 33.8                       | 78.1 | 84.0 | 88.3 | 91.6 | 92.4    | 94.3    | 95.4    | 95.6    | 96.4 |
| >= 300  | 33.8                       | 78.1 | 84.0 | 88.4 | 91.7 | 92.5    | 94.5    | 95.5    | 95.7    | 96.6 |
| >= 200  | 33.8                       | 78.3 | 84.2 | 88.6 | 91.9 | 92.7    | 94.7    | 95.7    | 95.9    | 96.8 |
| >= 100  | 33.8                       | 78.3 | 84.2 | 88.6 | 91.9 | 92.7    | 94.7    | 95.7    | 95.9    | 96.8 |
| >= 0    | 33.8                       | 78.3 | 84.2 | 88.6 | 91.9 | 92.7    | 94.7    | 95.7    | 95.9    | 96.8 |

TOTAL NO. OF OPS :

973

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E FLEV. : 10 FT  
 MONTH : APR  
 HOUR : 2100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 |
| UNLIMIT | 19.6                       | 35.6 | 36.6 | 37.1 | 37.2 | 37.3 | 37.6 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7  | 37.7  | 37.7  | 37.8   |
| >=20000 | 20.7                       | 39.7 | 40.7 | 41.2 | 41.3 | 41.5 | 41.7 | 41.9 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0  | 42.0  | 42.0  | 42.1   |
| >=18000 | 21.2                       | 40.2 | 41.2 | 41.7 | 41.8 | 42.0 | 42.2 | 42.4 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5  | 42.5  | 42.5  | 42.6   |
| >=16000 | 21.4                       | 40.5 | 41.5 | 42.0 | 42.1 | 42.3 | 42.5 | 42.7 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8  | 42.8  | 42.8  | 42.9   |
| >=14000 | 21.7                       | 41.3 | 42.3 | 42.8 | 42.9 | 43.1 | 43.3 | 43.5 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6  | 43.6  | 43.6  | 43.7   |
| >=12000 | 23.1                       | 43.0 | 44.0 | 44.5 | 44.6 | 44.8 | 45.0 | 45.2 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3  | 45.3  | 45.4  | 45.4   |
| >=10000 | 25.5                       | 47.5 | 48.6 | 49.2 | 49.4 | 49.6 | 49.8 | 50.0 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1  | 50.1  | 50.2  | 50.2   |
| >=9000  | 25.9                       | 48.5 | 49.6 | 50.2 | 50.4 | 50.6 | 50.8 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1  | 51.1  | 51.2  | 51.2   |
| >=8000  | 28.6                       | 52.4 | 53.6 | 54.5 | 54.7 | 54.9 | 55.3 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6  | 55.6  | 55.7  | 55.7   |
| >=7000  | 29.8                       | 54.1 | 55.6 | 56.4 | 56.7 | 56.9 | 57.4 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7  | 57.7  | 57.8  | 57.8   |
| >=6000  | 30.3                       | 54.8 | 56.4 | 57.2 | 57.5 | 57.7 | 58.2 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5  | 58.5  | 58.6  | 58.6   |
| >=5000  | 32.7                       | 57.8 | 59.4 | 60.4 | 60.7 | 61.0 | 61.5 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8  | 61.8  | 61.9  | 61.9   |
| >=4500  | 33.6                       | 59.3 | 60.9 | 61.9 | 62.2 | 62.6 | 63.1 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4  | 63.4  | 63.5  | 63.5   |
| >=4000  | 36.3                       | 66.3 | 67.9 | 69.0 | 69.5 | 69.8 | 70.3 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6  | 70.6  | 70.7  | 70.7   |
| >=3500  | 37.2                       | 68.5 | 70.1 | 71.3 | 71.8 | 72.1 | 72.6 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9  | 72.9  | 73.0  | 73.0   |
| >=3000  | 39.1                       | 75.0 | 77.5 | 78.7 | 79.8 | 80.2 | 80.8 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2  | 81.2  | 81.4  | 81.4   |
| >=2500  | 40.3                       | 77.2 | 79.9 | 81.3 | 82.5 | 82.9 | 83.5 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.1  | 84.1  | 84.3  | 84.3   |
| >=2000  | 41.0                       | 79.1 | 82.2 | 84.1 | 85.7 | 86.1 | 86.9 | 87.6 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8  | 87.8  | 88.1  | 88.1   |
| >=1800  | 41.0                       | 79.1 | 82.3 | 84.2 | 85.8 | 86.2 | 87.0 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9  | 87.9  | 88.2  | 88.2   |
| >=1500  | 41.5                       | 80.5 | 83.7 | 85.8 | 88.0 | 88.5 | 89.7 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8  | 90.8  | 91.2  | 91.2   |
| >=1200  | 41.5                       | 80.6 | 84.0 | 86.1 | 88.6 | 89.1 | 90.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7  | 91.7  | 92.1  | 92.1   |
| >=1000  | 41.9                       | 81.3 | 85.0 | 87.6 | 90.6 | 91.2 | 93.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.4 | 94.5  | 94.5  | 95.0  | 95.0   |
| >=900   | 41.9                       | 81.3 | 85.0 | 87.6 | 90.6 | 91.2 | 93.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.4 | 94.5  | 94.5  | 95.0  | 95.0   |
| >=800   | 42.0                       | 82.1 | 85.8 | 88.4 | 91.7 | 92.4 | 94.4 | 95.6 | 95.9 | 96.1 | 96.1 | 96.1 | 96.2  | 96.2  | 96.7  | 96.7   |
| >=700   | 42.0                       | 82.1 | 85.8 | 88.5 | 91.8 | 92.5 | 94.5 | 95.9 | 96.1 | 96.3 | 96.3 | 96.3 | 96.6  | 96.6  | 97.1  | 97.2   |
| >=600   | 42.0                       | 82.1 | 85.8 | 88.5 | 92.7 | 93.4 | 95.7 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4  | 97.4  | 97.4  | 97.4   |
| >=500   | 42.0                       | 82.5 | 86.2 | 89.2 | 92.7 | 93.6 | 96.0 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.9  | 97.9  | 98.8  | 98.8   |
| >=400   | 42.1                       | 82.6 | 86.3 | 89.3 | 92.9 | 93.6 | 96.0 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 98.2  | 98.4  | 99.4  | 99.4   |
| >=300   | 42.1                       | 82.6 | 86.3 | 89.3 | 92.9 | 93.6 | 96.0 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 98.2  | 98.4  | 99.5  | 99.5   |
| >=200   | 42.1                       | 82.6 | 86.3 | 89.3 | 92.9 | 93.6 | 96.0 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 98.2  | 98.4  | 99.6  | 99.6   |
| >=100   | 42.1                       | 82.6 | 86.3 | 89.3 | 92.9 | 93.6 | 96.0 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 98.2  | 98.4  | 99.6  | 99.9   |
| >=0     | 42.1                       | 82.6 | 86.3 | 89.3 | 92.9 | 93.6 | 96.0 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 98.2  | 98.4  | 99.6  | 100.0  |

TOTAL NO. OF OBS :

988

# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : APR  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |      |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|------|------|-------|-------|-------|--------|-------|-------|
|         | >=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   |
| UNLIMIT | 15.0                       | 30.5 | 32.6 | 34.0 | 35.0 | 35.2    | 35.7 | 36.0    | 36.0 | 36.2 | 36.2 | 36.2  | 36.2  | 36.3  | 36.3   | 36.3  | 36.4  |
| >=20000 | 16.6                       | 35.4 | 37.8 | 39.5 | 40.6 | 40.8    | 41.3 | 41.7    | 41.7 | 41.9 | 42.0 | 42.0  | 42.0  | 42.0  | 42.1   | 42.1  | 42.1  |
| >=18000 | 16.7                       | 35.6 | 38.0 | 39.7 | 40.8 | 41.0    | 41.6 | 41.9    | 42.0 | 42.2 | 42.2 | 42.2  | 42.2  | 42.3  | 42.3   | 42.4  | 42.4  |
| >=16000 | 16.8                       | 35.7 | 38.2 | 39.9 | 41.0 | 41.2    | 41.8 | 42.1    | 42.2 | 42.4 | 42.4 | 42.4  | 42.4  | 42.5  | 42.5   | 42.6  | 42.6  |
| >=14000 | 17.0                       | 36.3 | 38.7 | 40.5 | 41.6 | 41.8    | 42.4 | 42.8    | 42.8 | 43.0 | 43.0 | 43.0  | 43.0  | 43.1  | 43.1   | 43.2  | 43.2  |
| >=12000 | 18.0                       | 37.9 | 40.4 | 42.4 | 43.5 | 43.7    | 44.3 | 44.7    | 44.8 | 44.9 | 45.0 | 45.0  | 45.0  | 45.1  | 45.1   | 45.2  | 45.2  |
| >=10000 | 19.7                       | 41.5 | 44.3 | 46.6 | 47.9 | 48.1    | 48.8 | 49.2    | 49.3 | 49.5 | 49.5 | 49.6  | 49.6  | 49.7  | 49.7   | 49.8  | 49.8  |
| >=8000  | 20.0                       | 42.3 | 45.1 | 47.4 | 48.7 | 48.9    | 49.7 | 50.1    | 50.2 | 50.4 | 50.4 | 50.4  | 50.4  | 50.5  | 50.6   | 50.6  | 50.6  |
| >=7000  | 21.6                       | 45.7 | 48.8 | 51.5 | 53.0 | 53.2    | 54.0 | 54.5    | 54.6 | 54.8 | 54.9 | 54.9  | 54.9  | 55.0  | 55.1   | 55.1  | 55.1  |
| >=6000  | 22.4                       | 47.5 | 50.7 | 53.7 | 55.3 | 55.6    | 56.5 | 56.9    | 57.0 | 57.3 | 57.4 | 57.4  | 57.4  | 57.5  | 57.6   | 57.6  | 57.7  |
| >=5000  | 22.9                       | 48.3 | 51.6 | 54.6 | 56.3 | 56.6    | 57.5 | 58.0    | 58.1 | 58.4 | 58.5 | 58.5  | 58.5  | 58.6  | 58.7   | 58.7  | 58.7  |
| >=4500  | 24.7                       | 51.5 | 55.0 | 58.2 | 60.0 | 60.3    | 61.3 | 61.8    | 62.0 | 62.3 | 62.4 | 62.4  | 62.4  | 62.6  | 62.6   | 62.6  | 62.7  |
| >=4000  | 25.2                       | 52.4 | 56.0 | 59.3 | 61.1 | 61.5    | 62.5 | 63.0    | 63.1 | 63.5 | 63.5 | 63.6  | 63.7  | 63.7  | 63.8   | 63.8  | 63.8  |
| >=3500  | 27.3                       | 58.2 | 62.2 | 65.7 | 67.7 | 68.2    | 69.3 | 69.8    | 70.0 | 70.3 | 70.4 | 70.4  | 70.5  | 70.6  | 70.7   | 70.7  | 70.7  |
| >=3000  | 28.0                       | 59.9 | 64.1 | 67.8 | 70.1 | 70.5    | 71.7 | 72.3    | 72.5 | 72.8 | 72.9 | 73.0  | 73.1  | 73.2  | 73.2   | 73.2  | 73.2  |
| >=2500  | 29.6                       | 64.9 | 69.6 | 74.2 | 76.8 | 77.3    | 78.6 | 79.4    | 79.6 | 80.1 | 80.2 | 80.3  | 80.5  | 80.5  | 80.5   | 80.6  | 80.6  |
| >=2000  | 30.1                       | 66.5 | 71.7 | 76.2 | 79.0 | 79.5    | 80.9 | 81.8    | 82.0 | 82.6 | 82.7 | 82.8  | 83.0  | 83.1  | 83.1   | 83.1  | 83.1  |
| >=1800  | 30.6                       | 68.0 | 73.5 | 78.4 | 81.6 | 82.2    | 83.9 | 85.0    | 85.2 | 85.9 | 86.1 | 86.2  | 86.5  | 86.6  | 86.6   | 86.7  | 86.7  |
| >=1500  | 30.9                       | 69.0 | 74.9 | 80.1 | 83.8 | 84.6    | 86.6 | 87.8    | 88.1 | 88.9 | 89.2 | 89.2  | 89.7  | 89.8  | 89.8   | 89.9  | 89.9  |
| >=1200  | 31.0                       | 69.2 | 75.1 | 80.5 | 84.2 | 85.0    | 87.2 | 88.4    | 88.6 | 89.5 | 89.9 | 89.9  | 90.4  | 90.5  | 90.6   | 90.6  | 90.6  |
| >=1000  | 31.2                       | 70.0 | 76.2 | 82.0 | 86.3 | 87.2    | 89.5 | 91.0    | 91.3 | 92.4 | 92.8 | 92.9  | 93.5  | 93.6  | 93.7   | 93.8  | 93.8  |
| >=900   | 31.3                       | 70.0 | 76.2 | 82.1 | 86.3 | 87.2    | 89.6 | 91.0    | 91.4 | 92.5 | 92.9 | 93.0  | 93.6  | 93.7  | 93.8   | 93.9  | 93.9  |
| >=800   | 31.4                       | 70.7 | 77.1 | 83.1 | 87.4 | 88.4    | 91.1 | 92.7    | 93.1 | 94.3 | 94.8 | 94.9  | 95.7  | 95.8  | 96.0   | 96.1  | 96.1  |
| >=700   | 31.5                       | 70.8 | 77.2 | 83.2 | 87.6 | 88.6    | 91.3 | 93.0    | 93.3 | 94.7 | 95.2 | 95.3  | 96.1  | 96.2  | 96.3   | 96.5  | 96.5  |
| >=600   | 31.5                       | 70.9 | 77.2 | 83.4 | 87.9 | 88.9    | 91.7 | 93.5    | 93.8 | 95.2 | 95.8 | 95.9  | 96.7  | 96.8  | 97.0   | 97.2  | 97.2  |
| >=500   | 31.5                       | 71.1 | 77.6 | 83.8 | 88.5 | 89.5    | 92.4 | 94.2    | 94.6 | 96.0 | 96.7 | 96.8  | 97.7  | 98.0  | 98.2   | 98.4  | 98.4  |
| >=400   | 31.6                       | 71.2 | 77.7 | 83.9 | 88.6 | 89.7    | 92.6 | 94.5    | 94.9 | 96.3 | 97.0 | 97.2  | 98.3  | 98.4  | 98.7   | 98.9  | 98.9  |
| >=300   | 31.6                       | 71.3 | 77.8 | 84.0 | 88.7 | 89.8    | 92.7 | 94.6    | 95.0 | 96.5 | 97.2 | 97.4  | 98.5  | 98.6  | 99.0   | 99.3  | 99.3  |
| >=200   | 31.6                       | 71.3 | 77.8 | 84.1 | 88.7 | 89.8    | 92.8 | 94.6    | 95.0 | 96.6 | 97.3 | 97.5  | 98.7  | 98.7  | 99.1   | 99.5  | 99.5  |
| >=100   | 31.6                       | 71.3 | 77.8 | 84.1 | 88.7 | 89.8    | 92.8 | 94.6    | 95.0 | 96.6 | 97.3 | 97.5  | 98.7  | 98.8  | 99.2   | 99.8  | 99.8  |
| 0       | 31.6                       | 71.3 | 77.8 | 84.1 | 88.7 | 89.8    | 92.8 | 94.6    | 95.0 | 96.6 | 97.3 | 97.5  | 98.7  | 98.8  | 99.3   | 100.0 | 100.0 |

TOTAL NO. OF OBS : 7875

STATION : KONGSOU, JAPAN  
 DATE : 15 DEC 1954  
 TIME : 1400  
 MONTH : MAY  
 HOUR : 0900 LST  
 ELEV. : 10 FT  
 LONG. : 179 40E  
 LAT. : 35 17N

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

| DIRECTION | SPEED (KNOTS) |      |       |       |       |       |       |       |       |       |       | TOTAL | MEAN |
|-----------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|           | 0-5           | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | 51-55 | %     | WIND |
| 000       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 8.5  |
| 010       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 11.5 |
| 020       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 9.4  |
| 030       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 7.5  |
| 040       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 6.2  |
| 050       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 3.2  |
| 060       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 5.1  |
| 070       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 7.6  |
| 080       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 9.1  |
| 090       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 7.8  |
| 100       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 4.4  |
| 110       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 4.5  |
| 120       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 6.0  |
| 130       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 7.8  |
| 140       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 150       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 160       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 170       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 180       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 190       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 200       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 210       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 220       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 230       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 240       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 250       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 260       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 270       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 280       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 290       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 300       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 310       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 320       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 330       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 340       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 350       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 360       | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| TOTAL     | 0.0           | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 100.0 | 7.8  |

TOTAL NO. OF CES : 1054

STATION : KONGSOU, JAPAN  
 DATE : 15 DEC 1954  
 TIME : 1400

433273 YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1963-1967  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : 0300 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

| WIND<br>DIRECTION | SPEED (KNOTS) |      |       |       |       |       |       |       |       |     |      | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|-------------------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-----|------|------------|-----------------------|
|                   | 0-5           | 6-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |      |            |                       |
| N                 | 2.5           | 3.5  | 4.0   | 3.1   | .9    | .5    | .3    | .0    | .0    | .0  | 14.8 | 9.4        |                       |
| NNE               | .7            | 2.4  | 4.0   | 4.3   | 1.7   | .2    | .0    | .0    | .0    | .0  | 13.2 | 10.8       |                       |
| NNE               | .7            | 2.2  | 3.4   | 2.0   | .6    | .0    | .0    | .0    | .0    | .0  | 7.8  | 8.5        |                       |
| NNE               | 1.1           | 1.0  | 1.4   | .7    | .0    | .1    | .0    | .0    | .0    | .0  | 4.4  | 6.9        |                       |
| E                 | .7            | .9   | .2    | .4    | .0    | .0    | .0    | .0    | .0    | .0  | 2.1  | 5.7        |                       |
| ESE               | .6            | .4   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.0  | 4.0        |                       |
| ESE               | .3            | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .6   | 3.7        |                       |
| SSE               | .6            | .9   | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 1.8  | 5.2        |                       |
| S                 | 1.3           | 2.7  | 2.8   | 1.4   | .3    | .3    | .0    | .0    | .0    | .0  | 8.9  | 8.3        |                       |
| SSE               | .9            | 2.7  | 1.1   | 2.6   | .6    | .1    | .0    | .0    | .0    | .0  | 12.4 | 9.8        |                       |
| SSE               | .7            | 2.0  | 2.3   | 1.1   | .7    | .3    | .0    | .0    | .0    | .0  | 7.2  | 9.0        |                       |
| SE                | .4            | .9   | 1.4   | .5    | .2    | .0    | .0    | .0    | .0    | .0  | 3.3  | 8.2        |                       |
| SE                | .5            | .9   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.7  | 4.6        |                       |
| SE                | .3            | .1   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .6   | 5.0        |                       |
| SSE               | .3            | 2.2  | .9    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 4.0  | 5.7        |                       |
| SSE               | 1.5           | 2.9  | 1.6   | .4    | .1    | .0    | .0    | .0    | .0    | .0  | 6.9  | 5.7        |                       |
| SSE               | .0            | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0   | .0         |                       |
| SSW               | .0            | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0   | .0         |                       |
| SSW               | 1.8           | 2.7  | 2.1   | 1.6   | .0    | 1.9   | .4    | .0    | .0    | .0  | 9.3  | 7.7        |                       |

TOTAL NO. OF OBS : 1054

NOTES :  
 PERCENT < .05



# 1 - SURFACE WINDS

STATION : YOKOSUKA, JAPAN.  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : 0600 LST

## PERCENTAGE FREQUENCY OF WIND (DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS))

| DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |       | TOTAL | MEAN |
|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|
|      | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     |       |      |
| N    | 3.3           | 5.0  | 4.2  | 4.6   | 1.3   | .6    | .0    | .0    | .0    | .0    | .0   | 19.0  | 8.8   |      |
| NNE  | 1.3           | 2.8  | 4.7  | 4.5   | 1.2   | .2    | .0    | .0    | .0    | .0    | .0   | 14.7  | 9.8   |      |
| NE   | .5            | 1.6  | 3.3  | 2.7   | .7    | .0    | .0    | .0    | .0    | .0    | .0   | 7.7   | 10.0  |      |
| NNE  | .9            | .9   | 1.7  | 1.0   | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 4.6   | 7.9   |      |
| E    | .7            | .4   | .6   | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   | 6.6   |      |
| ESE  | .3            | .3   | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 5.0   |      |
| SE   | .1            | .2   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4    | 5.5   |      |
| ESE  | .9            | .9   | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   | 4.2   |      |
| S    | 1.2           | 2.0  | 1.9  | 1.3   | .2    | .4    | .1    | .0    | .0    | .0    | .0   | 7.1   | 8.8   |      |
| SSE  | 1.0           | 3.0  | 3.0  | 2.8   | .8    | .7    | .1    | .0    | .0    | .0    | .0   | 11.4  | 10.0  |      |
| S    | .4            | 1.4  | 1.1  | .6    | .4    | .0    | .0    | .0    | .0    | .0    | .0   | 4.1   | 8.9   |      |
| SSW  | .1            | .5   | .2   | .8    | .2    | .1    | .0    | .0    | .0    | .0    | .0   | 2.2   | 10.9  |      |
| W    | .6            | .4   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1   | 3.8   |      |
| WSW  | .9            | .6   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.5   | 3.3   |      |
| W    | 1.1           | 1.6  | .6   | .1    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | 3.5   | 5.4   |      |
| WNW  | 1.8           | 2.2  | 1.3  | .7    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | 7.0   | 5.7   |      |
| W    | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0    |      |
| WNW  | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 11.0  | .0    |      |
| ALL  | 11.1          | 23.6 | 22.5 | 19.6  | 4.8   | 2.1   | .2    | .0    | .0    | .0    | .0   | 100.0 | 7.6   |      |

TOTAL NO. OF OBS : 1054

NOTES : PERCENT < .5

# 1 - SURFACE WINDS

43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |       | TOTAL % | MEAN WIND SPEED |
|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------|-----------------|
|      | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |         |                 |
| N    | 1.5           | 4.1  | 2.5  | 3.5   | .7    | .1    | .2    | .0    | .0    | .0    | .0   | 12.5  | 8.9     |                 |
| NNE  | 3.4           | 4.9  | 5.3  | 5.3   | 1.0   | .2    | .0    | .0    | .0    | .0    | .0   | 20.2  | 8.5     |                 |
| NE   | 2.8           | 3.7  | 4.4  | 1.9   | .4    | .3    | .0    | .0    | .0    | .0    | .0   | 13.5  | 7.5     |                 |
| NNE  | 2.5           | 1.9  | 1.3  | .9    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 6.7   | 6.0     |                 |
| E    | 4.4           | 2.4  | .9   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 8.0   | 4.1     |                 |
| ESE  | .8            | .8   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.5   | 3.1     |                 |
| SE   | .4            | .2   | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 4.0     |                 |
| SSE  | .6            | .3   | .2   | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 1.5   | 6.6     |                 |
| S    | 1.1           | 1.9  | 2.9  | 2.1   | .2    | .2    | .0    | .1    | .0    | .0    | .0   | 8.5   | 9.1     |                 |
| SSE  | .4            | 2.0  | 4.0  | 3.6   | .9    | .2    | .3    | .3    | .0    | .0    | .0   | 11.8  | 11.6    |                 |
| S    | .4            | 1.1  | .9   | 1.0   | .8    | .4    | .1    | .0    | .0    | .0    | .0   | 4.7   | 11.8    |                 |
| SSE  | .2            | .2   | .2   | .3    | .2    | .4    | .0    | .0    | .0    | .0    | .0   | 2.0   | 12.3    |                 |
| SW   | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0      |                 |
| WSW  | .2            | .0   | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    | 5.3     |                 |
| W    | .3            | .1   | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 5.4     |                 |
| WSW  | .4            | .2   | .3   | .3    | .1    | .2    | .0    | .0    | .0    | .0    | .0   | 1.4   | 9.9     |                 |
| VAR  | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0      |                 |
| CLM  | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.9   | .0      |                 |
| ALL  | 19.3          | 23.7 | 27.8 | 19.9  | 4.5   | 1.9   | .6    | .4    | .0    | .0    | .0   | 100.0 | 7.9     |                 |

TOTAL NO. OF OBS : 1053

NOTE : PERCENT < .05

# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. |      | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      | TOTAL | MEAN |       |
|------|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|
|      |      | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     | WIND | SPEED |
| N    | 1.6  |               | 1.6  | 2.3  | 2.1   | .6    | .2    | .2    | .0    | .0    | .0    | .0   | 8.5   | 9.2  |       |
| NNE  | 1.7  |               | 3.1  | 3.7  | 2.9   | .9    | .5    | .0    | .0    | .0    | .0    | .0   | 12.8  | 9.3  |       |
| NE   | 1.2  |               | 2.8  | 2.8  | 2.7   | .5    | .2    | .0    | .0    | .0    | .0    | .0   | 10.2  | 8.8  |       |
| NNE  | 1.4  |               | 2.2  | 1.6  | .9    | .3    | .1    | .0    | .0    | .0    | .0    | .0   | 6.6   | 7.3  |       |
| E    | 3.5  |               | 4.2  | 2.4  | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 10.3  | 5.0  |       |
| ESE  | 1.7  |               | 1.9  | .2   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.0   | 4.5  |       |
| SE   | .7   |               | .8   | .3   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   | 5.8  |       |
| SSE  | .3   |               | .4   | 1.5  | .6    | .4    | .0    | .0    | .0    | .0    | .0    | .0   | 3.1   | 9.3  |       |
| S    | .6   |               | 2.5  | 4.6  | 5.4   | 1.6   | .2    | .0    | .0    | .0    | .0    | .0   | 14.8  | 11.0 |       |
| SSW  | .2   |               | 1.5  | 5.2  | 6.4   | 2.0   | .5    | .1    | .0    | .0    | .0    | .0   | 16.0  | 12.0 |       |
| SW   | .0   |               | 1.0  | 1.6  | 1.3   | .9    | .7    | .1    | .0    | .0    | .0    | .0   | 5.8   | 13.3 |       |
| WSW  | .1   |               | .2   | .3   | .8    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 1.5   | 12.1 |       |
| W    | .1   |               | .5   | .1   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .4    | 10.0 |       |
| WNW  | .1   |               | .0   | .0   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .2    | 11.5 |       |
| NW   | .0   |               | .0   | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .2    | 8.5  |       |
| NVAR | .0   |               | .4   | .2   | .0    | .1    | .2    | .0    | .0    | .0    | .0    | .0   | .9    | 10.9 |       |
| CLM  | .0   |               | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   |       |
| ALL  | 13.3 |               | 22.5 | 27.0 | 23.8  | 7.6   | 2.5   | .4    | .1    | .0    | .0    | .0   | 100.0 | 9.1  |       |

TOTAL NO. OF OBS : 1053

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

43323 : YOKOSUKA, JAPAN.  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) |      |       |       |       |       |       |       |       |     |       |      | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|------------|-----------------------|
|      | 1-5           | 6-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |       |      |            |                       |
| N    | 1.0           | 1.6  | 1.2   | 1.0   | .9    | .1    | .0    | .0    | .0    | .0  | 5.9   | 9.6  |            |                       |
| NNE  | .9            | 1.6  | 2.3   | 1.6   | .6    | .1    | .0    | .0    | .0    | .0  | 7.2   | 9.6  |            |                       |
| N E  | .7            | 1.7  | 2.3   | 1.8   | .5    | .0    | .0    | .0    | .0    | .0  | 7.1   | 9.5  |            |                       |
| ENE  | 1.2           | 1.0  | 1.3   | .9    | .2    | .0    | .0    | .0    | .0    | .0  | 4.7   | 7.4  |            |                       |
| E    | 1.5           | 1.0  | 1.7   | .7    | .0    | .0    | .0    | .0    | .0    | .0  | 4.9   | 6.5  |            |                       |
| ESE  | .6            | .9   | .5    | .2    | .0    | .0    | .0    | .0    | .0    | .0  | 2.1   | 5.5  |            |                       |
| SE   | .4            | .8   | .7    | .2    | .0    | .0    | .0    | .0    | .0    | .0  | 2.0   | 6.5  |            |                       |
| SSE  | .9            | .8   | 1.2   | 1.1   | .2    | .0    | .0    | .0    | .0    | .0  | 4.2   | 8.3  |            |                       |
| S    | .5            | 2.4  | 7.5   | 6.9   | 2.4   | .0    | .0    | .0    | .0    | .0  | 22.1  | 11.5 |            |                       |
| SSW  | .3            | 2.7  | 7.5   | 10.4  | 2.5   | .2    | .0    | .0    | .0    | .0  | 24.0  | 11.8 |            |                       |
| SW   | .3            | 1.5  | 2.9   | 2.0   | 1.6   | .1    | .0    | .0    | .0    | .0  | 8.8   | 11.6 |            |                       |
| WSW  | .0            | .7   | .6    | .5    | .3    | .0    | .0    | .0    | .0    | .0  | 2.2   | 11.3 |            |                       |
| W    | .2            | .5   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .9    | 5.8  |            |                       |
| WNW  | .2            | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .3    | 2.0  |            |                       |
| W    | .1            | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .3    | 4.3  |            |                       |
| WNW  | .1            | .3   | .2    | .1    | .3    | .1    | .0    | .0    | .0    | .0  | 1.0   | 11.5 |            |                       |
| VAR  | .0            | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0   |            |                       |
| CLM  | .0            | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.4   | .0   |            |                       |
| ALL  | 6.7           | 17.6 | 30.1  | 29.5  | 9.3   | .5    | .0    | .0    | .0    | .0  | 100.0 | 10.0 |            |                       |

TOTAL NO. OF OBS : 1051

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : 1900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      | TOTAL % | MEAN WIND SPEED |
|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
|      | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |         |                 |
| N    | .1            | .5   | .9   | 1.0   | .7    | .2    | .0    | .0    | .0    | .0    | .0   | 3.3     | 12.1            |
| NNE  | .5            | .9   | 1.5  | 1.5   | .7    | .5    | .0    | .0    | .0    | .0    | .0   | 5.5     | 11.7            |
| NE   | .6            | .7   | 1.3  | 1.8   | .5    | .3    | .0    | .0    | .0    | .0    | .0   | 5.1     | 11.1            |
| NNE  | .2            | .9   | 1.7  | .9    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | 3.9     | 8.8             |
| E    | .9            | 1.6  | 2.1  | .9    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.6     | 7.1             |
| ESE  | .2            | .7   | 1.4  | .6    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.8     | 8.4             |
| SE   | .4            | .6   | .6   | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.9     | 7.0             |
| SSE  | .0            | .9   | 1.7  | 1.0   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.7     | 8.7             |
| S    | .9            | 3.1  | 8.3  | 8.2   | 1.4   | .3    | .1    | .0    | .0    | .0    | .0   | 22.2    | 10.5            |
| SSW  | .9            | 2.8  | 7.7  | 10.4  | 2.7   | .5    | .0    | .0    | .0    | .0    | .0   | 24.9    | 11.5            |
| SW   | .6            | 2.8  | 2.2  | 2.4   | .9    | .3    | .0    | .0    | .0    | .0    | .0   | 9.1     | 9.7             |
| WSW  | .6            | 1.6  | .8   | .7    | .4    | .0    | .0    | .0    | .0    | .0    | .0   | 4.0     | 7.9             |
| W    | .3            | .7   | .3   | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.6     | 7.3             |
| WNW  | .0            | .4   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4      | 4.5             |
| NW   | .6            | .2   | .0   | .1    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | .9      | 6.0             |
| NNW  | .2            | .4   | .9   | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0     | 8.7             |
| VAR  | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0      | .0              |
| CLM  | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0      | .0              |
| ALL  | 6.7           | 18.7 | 31.3 | 30.6  | 7.2   | 2.2   | .1    | .0    | .0    | .0    | .0   | 100.0   | 9.8             |

TOTAL NO. OF OBS : 1053

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : 2100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       | TOTAL<br>>=56 | MEAN<br>WIND<br>SPEED |
|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|---------------|-----------------------|
|      | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 |               |                       |
| N    | .7            | 1.6  | 1.8  | 2.0   | .9    | .3    | .0    | .0    | .0    | .0    | .0            | 7.3                   |
| NNE  | .3            | .9   | 2.4  | 2.3   | .9    | .3    | .1    | .0    | .0    | .0    | .0            | 7.1                   |
| NE   | .3            | .9   | 2.0  | 2.0   | .7    | .1    | .0    | .0    | .0    | .0    | .0            | 11.6                  |
| NNE  | .4            | 2.2  | 1.7  | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0            | 10.7                  |
| E    | .9            | 1.8  | 2.3  | .6    | .0    | .0    | .0    | .0    | .0    | .0    | .0            | 6.9                   |
| ESE  | .5            | .3   | .7   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0            | 5.5                   |
| SE   | .5            | .9   | .6   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0            | 1.5                   |
| SSE  | 1.0           | 1.6  | .7   | .6    | .0    | .0    | .0    | .0    | .0    | .0    | .0            | 1.9                   |
| S    | 3.0           | 3.5  | 6.3  | 3.5   | .2    | .1    | .1    | .0    | .0    | .0    | .0            | 5.6                   |
| SSW  | .9            | 5.0  | 7.0  | 6.2   | 1.5   | .5    | .1    | .0    | .0    | .0    | .0            | 5.9                   |
| SW   | 1.2           | 1.8  | 2.9  | 2.1   | .6    | .1    | .2    | .0    | .0    | .0    | .0            | 7.9                   |
| WSW  | .2            | .8   | 1.7  | .2    | .3    | .2    | .0    | .0    | .0    | .0    | .0            | 10.0                  |
| W    | .6            | .8   | .3   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0            | 9.4                   |
| WNW  | .4            | .6   | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0            | 3.3                   |
| NW   | .1            | .3   | .6   | .3    | .0    | .1    | .0    | .0    | .0    | .0    | .0            | 1.7                   |
| NNW  | .6            | 1.0  | 1.0  | .8    | .0    | .0    | .0    | .0    | .0    | .0    | .0            | 5.3                   |
| VAR  | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0            | 6.3                   |
| CLM  | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0            | 1.2                   |
| ALL  | 11.5          | 24.0 | 32.0 | 21.1  | 6.1   | 1.6   | .5    | .0    | .0    | .0    | .0            | 7.9                   |
|      |               |      |      |       |       |       |       |       |       |       |               | .0                    |
|      |               |      |      |       |       |       |       |       |       |       |               | .0                    |
|      |               |      |      |       |       |       |       |       |       |       |               | 4.2                   |
|      |               |      |      |       |       |       |       |       |       |       |               | 100.0                 |
|      |               |      |      |       |       |       |       |       |       |       |               | 8.5                   |

TOTAL NO. OF OBS : 1053

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |     | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|------------|-----------------------|
|      | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |            |                       |
| N    | 1.6           | 2.6  | 2.4  | 2.5   | .9    | .2    | .1    | .0    | .0    | .0    | .0  | 10.3       | 9.3                   |
| NNE  | 1.2           | 2.3  | 3.3  | 3.2   | 1.1   | .3    | .0*   | .0    | .0    | .0    | .0  | 11.4       | 10.0                  |
| NE   | .9            | 2.0  | 2.4  | 2.1   | .5    | .2    | .0    | .0    | .0    | .0    | .0  | 8.1        | 9.1                   |
| NNE  | 1.1           | 1.4  | 1.6  | .9    | .1    | .0*   | .0    | .0    | .0    | .0    | .0  | 5.0        | 7.2                   |
| E    | 1.6           | 1.7  | 1.3  | .5    | .0*   | .0    | .0    | .0    | .0    | .0    | .0  | 5.1        | 5.7                   |
| ESE  | .6            | .6   | .4   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0  | 1.8        | 5.4                   |
| SE   | .4            | .5   | .3   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.4        | 5.6                   |
| SSE  | .6            | .9   | .3   | .5    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 2.9        | 7.0                   |
| S    | 1.3           | 2.7  | 4.8  | 4.1   | .8    | .2    | .0*   | .0*   | .0    | .0    | .0  | 13.9       | 9.7                   |
| SSE  | .5            | 3.0  | 5.8  | 5.9   | 1.5   | .4    | .1    | .0*   | .0    | .0    | .0  | 17.6       | 10.8                  |
| SW   | .5            | 1.8  | 2.0  | 1.6   | .8    | .2    | .1    | .0*   | .0    | .0    | .0  | 7.0        | 10.3                  |
| WSW  | .2            | .8   | .9   | .5    | .2    | .1    | .0*   | .0    | .0    | .0    | .0  | 2.7        | 9.5                   |
| W    | .3            | .5   | .2   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0  | 1.2        | 5.4                   |
| WNW  | .4            | .3   | .1   | .0*   | .0*   | .0*   | .0    | .0    | .0    | .0    | .0  | .9         | 4.7                   |
| NW   | .4            | .7   | .4   | .1    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0  | 1.7        | 5.9                   |
| NNW  | .8            | 1.1  | .9   | .4    | .1    | .1    | .0    | .0    | .0    | .0    | .0  | 3.3        | 7.1                   |
| VAR  | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0         | .0                    |
| CLM  | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 5.7        | .0                    |
| ALL  | 12.8          | 22.9 | 27.6 | 22.5  | 6.1   | 1.9   | .3    | .1    | .0    | .0    | .0  | 100.0      | 8.5                   |

TOTAL NO. OF OBS : 8425

NOTES : \* = PERCENT < .05

# C - CEILING VS VISIBILITY

43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : 0000 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |      |       |       |       |        |       |      |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|------|-------|-------|-------|--------|-------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | 1/4  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0  |
| UNLIMIT | 18.3                       | 33.7 | 35.5 | 36.1 | 36.6 | 36.7    | 37.0 | 37.2    | 37.3 | 37.3 | 37.3  | 37.3  | 37.3  | 37.3   | 37.3  | 37.3 |
| >=20000 | 20.1                       | 38.9 | 40.8 | 41.6 | 42.3 | 42.4    | 42.8 | 43.0    | 43.1 | 43.1 | 43.1  | 43.1  | 43.1  | 43.1   | 43.1  | 43.1 |
| >=18000 | 20.2                       | 39.2 | 41.1 | 41.9 | 42.6 | 42.7    | 43.1 | 43.3    | 43.3 | 43.3 | 43.3  | 43.3  | 43.3  | 43.3   | 43.3  | 43.3 |
| >=16000 | 20.3                       | 39.4 | 41.2 | 42.1 | 42.8 | 42.9    | 43.2 | 43.4    | 43.5 | 43.5 | 43.5  | 43.5  | 43.5  | 43.5   | 43.5  | 43.5 |
| >=14000 | 20.5                       | 40.1 | 42.0 | 42.8 | 43.4 | 43.5    | 43.9 | 44.1    | 44.2 | 44.2 | 44.2  | 44.2  | 44.2  | 44.2   | 44.2  | 44.2 |
| >=12000 | 21.8                       | 42.0 | 43.8 | 44.6 | 45.3 | 45.4    | 45.8 | 46.0    | 46.1 | 46.1 | 46.1  | 46.1  | 46.1  | 46.1   | 46.1  | 46.1 |
| >=10000 | 23.9                       | 46.8 | 48.8 | 49.7 | 50.4 | 50.5    | 50.9 | 51.2    | 51.3 | 51.3 | 51.3  | 51.3  | 51.3  | 51.3   | 51.3  | 51.3 |
| >= 9000 | 24.1                       | 47.6 | 49.6 | 50.4 | 51.2 | 51.3    | 51.7 | 52.0    | 52.1 | 52.1 | 52.1  | 52.1  | 52.1  | 52.1   | 52.1  | 52.1 |
| >= 8000 | 27.0                       | 53.9 | 56.0 | 57.0 | 57.9 | 58.0    | 58.5 | 58.8    | 58.9 | 58.9 | 58.9  | 58.9  | 58.9  | 58.9   | 58.9  | 58.9 |
| >= 7000 | 28.4                       | 55.8 | 57.9 | 59.2 | 60.2 | 60.4    | 61.0 | 61.3    | 61.4 | 61.4 | 61.4  | 61.4  | 61.4  | 61.4   | 61.4  | 61.4 |
| >= 6000 | 29.0                       | 56.4 | 58.5 | 59.8 | 60.8 | 61.0    | 61.6 | 61.9    | 62.0 | 62.0 | 62.0  | 62.0  | 62.0  | 62.0   | 62.0  | 62.0 |
| >= 5000 | 30.4                       | 59.8 | 62.0 | 63.3 | 64.3 | 64.5    | 65.1 | 65.4    | 65.5 | 65.5 | 65.5  | 65.5  | 65.5  | 65.5   | 65.5  | 65.5 |
| >= 4500 | 30.7                       | 60.4 | 62.6 | 64.0 | 65.0 | 65.2    | 65.9 | 66.2    | 66.3 | 66.3 | 66.3  | 66.3  | 66.3  | 66.3   | 66.3  | 66.3 |
| >= 4000 | 33.2                       | 64.6 | 67.0 | 68.5 | 69.8 | 70.0    | 70.6 | 70.9    | 71.0 | 71.0 | 71.0  | 71.0  | 71.0  | 71.0   | 71.0  | 71.0 |
| >= 3500 | 34.2                       | 66.3 | 68.7 | 70.2 | 71.7 | 71.9    | 72.7 | 73.0    | 73.1 | 73.1 | 73.1  | 73.1  | 73.1  | 73.1   | 73.1  | 73.1 |
| >= 3000 | 37.1                       | 72.4 | 75.3 | 77.0 | 78.9 | 79.1    | 79.9 | 80.2    | 80.3 | 80.3 | 80.3  | 80.3  | 80.3  | 80.3   | 80.3  | 80.3 |
| >= 2500 | 38.4                       | 74.8 | 77.8 | 79.6 | 81.8 | 82.0    | 82.9 | 83.3    | 83.3 | 83.3 | 83.3  | 83.3  | 83.3  | 83.3   | 83.3  | 83.3 |
| >= 2000 | 39.8                       | 77.3 | 80.8 | 83.3 | 85.8 | 86.0    | 87.2 | 87.6    | 87.7 | 87.7 | 87.7  | 87.7  | 87.7  | 87.7   | 87.7  | 87.7 |
| >= 1500 | 39.8                       | 77.4 | 80.9 | 83.3 | 85.9 | 86.1    | 87.3 | 87.7    | 87.8 | 87.8 | 87.8  | 87.8  | 87.8  | 87.8   | 87.8  | 87.8 |
| >= 1000 | 40.5                       | 78.4 | 82.5 | 85.0 | 87.8 | 88.0    | 89.0 | 89.8    | 90.0 | 90.0 | 90.0  | 90.0  | 90.0  | 90.0   | 90.0  | 90.0 |
| >= 1200 | 40.5                       | 78.6 | 82.8 | 85.3 | 88.2 | 88.4    | 89.6 | 90.1    | 90.4 | 90.5 | 90.5  | 90.5  | 90.5  | 90.5   | 90.5  | 90.5 |
| >= 1000 | 41.4                       | 80.4 | 84.7 | 87.6 | 90.7 | 90.9    | 92.7 | 93.3    | 93.9 | 94.0 | 94.0  | 94.0  | 94.0  | 94.0   | 94.0  | 94.0 |
| >= 900  | 41.4                       | 80.6 | 84.9 | 87.8 | 90.9 | 91.1    | 92.9 | 93.5    | 94.1 | 94.2 | 94.2  | 94.2  | 94.2  | 94.2   | 94.2  | 94.2 |
| >= 800  | 41.5                       | 80.9 | 85.2 | 88.1 | 91.5 | 91.8    | 94.0 | 94.8    | 95.8 | 96.0 | 96.0  | 96.0  | 96.0  | 96.0   | 96.0  | 96.0 |
| >= 700  | 41.6                       | 81.0 | 85.4 | 88.3 | 91.7 | 92.0    | 94.3 | 95.2    | 96.2 | 96.4 | 96.4  | 96.4  | 96.4  | 96.4   | 96.4  | 96.4 |
| >= 600  | 41.7                       | 81.3 | 85.7 | 88.8 | 92.4 | 92.8    | 95.1 | 96.0    | 97.1 | 97.4 | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  | 97.4 |
| >= 500  | 41.8                       | 81.4 | 85.8 | 88.9 | 92.7 | 93.1    | 95.5 | 96.4    | 97.5 | 97.8 | 97.8  | 97.8  | 97.8  | 97.8   | 97.8  | 97.8 |
| >= 400  | 41.8                       | 81.5 | 85.9 | 89.0 | 92.9 | 93.3    | 95.8 | 96.7    | 97.8 | 98.2 | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2 |
| >= 300  | 41.8                       | 81.7 | 86.1 | 89.4 | 93.3 | 93.7    | 96.2 | 97.1    | 98.3 | 98.7 | 98.7  | 98.7  | 98.7  | 98.7   | 98.7  | 98.7 |
| >= 200  | 41.8                       | 81.7 | 86.1 | 89.4 | 93.3 | 93.7    | 96.2 | 97.1    | 98.3 | 98.7 | 98.7  | 98.7  | 98.7  | 98.7   | 98.7  | 98.7 |
| >= 100  | 41.8                       | 81.7 | 86.1 | 89.4 | 93.3 | 93.7    | 96.2 | 97.1    | 98.3 | 98.7 | 98.7  | 98.7  | 98.7  | 98.7   | 98.7  | 98.7 |
| >= 0    | 41.8                       | 81.7 | 86.1 | 89.4 | 93.3 | 93.7    | 96.2 | 97.1    | 98.3 | 98.7 | 98.7  | 98.7  | 98.7  | 98.7   | 98.7  | 98.7 |

TOTAL NO. OF OBS : 1015



# 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E FLEV. : 10 FT  
 MONTH : MAY  
 HOUR : 0300 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 15.4                       | 31.2 | 32.6 | 33.6 | 34.4 | 34.5 | 35.0 | 35.4 | 35.6 | 35.7 |
| >=2000  | 16.8                       | 35.0 | 36.6 | 38.0 | 39.0 | 39.3 | 39.9 | 40.4 | 40.6 | 40.6 |
| >=1800  | 16.9                       | 35.3 | 36.9 | 38.3 | 39.3 | 39.6 | 40.2 | 40.6 | 40.8 | 40.9 |
| >=1600  | 16.9                       | 35.3 | 36.9 | 38.3 | 39.3 | 39.6 | 40.2 | 40.6 | 40.8 | 40.9 |
| >=1400  | 17.6                       | 36.1 | 37.7 | 39.1 | 40.1 | 40.4 | 40.9 | 41.4 | 41.6 | 41.7 |
| >=1200  | 18.3                       | 37.5 | 39.1 | 40.6 | 41.7 | 42.0 | 42.6 | 43.2 | 43.4 | 43.5 |
| >=1000  | 20.3                       | 41.0 | 42.9 | 44.6 | 45.9 | 46.2 | 46.8 | 47.5 | 47.7 | 47.8 |
| >=900   | 20.8                       | 41.7 | 43.6 | 45.3 | 46.6 | 46.9 | 47.4 | 48.2 | 48.4 | 48.5 |
| >=800   | 23.2                       | 46.2 | 48.1 | 50.2 | 51.5 | 51.8 | 52.2 | 53.5 | 53.7 | 53.8 |
| >=700   | 25.0                       | 48.8 | 50.9 | 53.0 | 54.3 | 54.6 | 55.6 | 56.4 | 56.6 | 56.7 |
| >=600   | 25.7                       | 49.7 | 51.8 | 53.8 | 55.2 | 55.5 | 56.5 | 57.3 | 57.5 | 57.6 |
| >=500   | 27.4                       | 53.1 | 55.1 | 57.4 | 58.9 | 59.3 | 60.2 | 61.0 | 61.3 | 61.4 |
| >=450   | 27.7                       | 54.0 | 56.1 | 58.5 | 59.9 | 60.3 | 61.3 | 62.1 | 62.4 | 62.5 |
| >=400   | 29.7                       | 59.3 | 61.6 | 64.4 | 66.0 | 66.4 | 67.7 | 68.6 | 68.9 | 69.0 |
| >=350   | 30.6                       | 61.2 | 63.7 | 66.6 | 68.3 | 68.7 | 70.0 | 70.9 | 71.2 | 71.3 |
| >=300   | 32.9                       | 66.4 | 69.2 | 72.5 | 74.7 | 75.2 | 76.8 | 77.9 | 78.1 | 78.2 |
| >=250   | 34.0                       | 69.0 | 72.5 | 75.4 | 77.8 | 78.2 | 79.8 | 80.9 | 81.2 | 81.3 |
| >=200   | 34.8                       | 71.4 | 74.7 | 78.3 | 81.3 | 81.9 | 83.9 | 85.0 | 85.5 | 85.8 |
| >=180   | 34.8                       | 71.4 | 74.7 | 78.3 | 81.3 | 81.9 | 83.9 | 85.0 | 85.5 | 85.8 |
| >=150   | 35.3                       | 72.6 | 76.1 | 80.2 | 83.6 | 84.2 | 86.4 | 87.6 | 88.5 | 88.8 |
| >=120   | 35.4                       | 73.2 | 77.1 | 81.4 | 84.8 | 85.5 | 87.6 | 89.1 | 89.9 | 90.3 |
| >=100   | 36.1                       | 74.8 | 78.7 | 83.4 | 87.4 | 88.1 | 90.7 | 92.1 | 93.3 | 93.7 |
| >=80    | 36.1                       | 74.9 | 78.8 | 83.6 | 87.6 | 88.3 | 90.9 | 92.4 | 93.6 | 93.9 |
| >=60    | 36.4                       | 75.6 | 79.6 | 84.4 | 88.8 | 89.6 | 92.6 | 94.4 | 95.6 | 96.3 |
| >=40    | 36.5                       | 75.7 | 79.7 | 84.5 | 88.9 | 89.7 | 92.9 | 94.6 | 95.8 | 96.5 |
| >=20    | 36.5                       | 75.7 | 79.7 | 84.5 | 89.1 | 89.9 | 93.3 | 95.1 | 96.4 | 97.2 |
| >=10    | 36.5                       | 75.8 | 79.8 | 84.6 | 89.2 | 90.0 | 93.4 | 95.2 | 96.9 | 97.4 |
| >=5     | 36.5                       | 75.8 | 79.8 | 84.6 | 89.2 | 90.1 | 93.7 | 95.6 | 97.2 | 98.0 |
| >=2     | 36.5                       | 75.8 | 79.9 | 84.7 | 89.3 | 90.4 | 94.0 | 95.9 | 97.5 | 98.7 |
| >=1     | 36.5                       | 75.9 | 80.0 | 84.9 | 89.5 | 90.6 | 94.2 | 96.1 | 97.7 | 98.5 |
| >=0.5   | 36.5                       | 75.9 | 80.0 | 84.9 | 89.5 | 90.6 | 94.2 | 96.1 | 97.7 | 98.5 |
| >=0.25  | 36.5                       | 75.9 | 80.0 | 84.9 | 89.5 | 90.6 | 94.2 | 96.1 | 97.7 | 98.5 |
| >=0.1   | 36.5                       | 75.9 | 80.0 | 84.9 | 89.5 | 90.6 | 94.2 | 96.1 | 97.7 | 98.5 |

TOTAL NO. OF OPS : 1016

# 2 - CONTINUOUS VISIBILITY

43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E FLEV. : 10 FT  
 MONTH : MAY  
 HOUR : 0600 LST

## PERCENTAGE FREQUENCY (F OCCURRENCE (FROM HOURLY OBSERVATIONS))

### VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |
|---------|------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 6.9  | 18.2 | 21.6 | 25.7 | 27.2 | 27.6    | 28.3 | 28.9    | 29.1 | 29.8  | 30.0  | 30.1  | 30.1   | 30.1  | 30.1  |
| >=20000 | 7.9  | 21.7 | 25.8 | 30.6 | 32.4 | 32.9    | 33.9 | 34.5    | 34.7 | 35.5  | 35.7  | 35.8  | 35.8   | 35.8  | 35.8  |
| >=18000 | 8.1  | 22.1 | 26.2 | 31.0 | 32.7 | 33.3    | 34.3 | 34.9    | 35.1 | 35.9  | 36.1  | 36.2  | 36.2   | 36.2  | 36.2  |
| >=16000 | 8.1  | 22.2 | 26.3 | 31.1 | 32.8 | 33.4    | 34.4 | 35.0    | 35.2 | 36.0  | 36.2  | 36.3  | 36.3   | 36.3  | 36.3  |
| >=14000 | 9.0  | 23.1 | 27.3 | 32.3 | 34.0 | 34.8    | 35.8 | 36.4    | 36.6 | 37.5  | 37.6  | 37.7  | 37.7   | 37.7  | 37.7  |
| >=12000 | 10.1 | 25.3 | 29.9 | 34.9 | 36.8 | 37.5    | 38.5 | 39.3    | 39.5 | 40.4  | 40.6  | 40.7  | 40.8   | 40.8  | 40.8  |
| >=10000 | 11.4 | 29.0 | 35.2 | 40.5 | 42.5 | 43.3    | 44.8 | 45.6    | 45.8 | 46.7  | 47.0  | 47.1  | 47.2   | 47.2  | 47.2  |
| >= 9000 | 11.5 | 30.3 | 35.9 | 41.3 | 43.3 | 44.1    | 45.6 | 46.4    | 46.6 | 47.5  | 47.7  | 47.9  | 47.9   | 47.9  | 47.9  |
| >= 8000 | 12.5 | 33.3 | 39.6 | 45.7 | 48.3 | 49.1    | 50.8 | 51.6    | 51.8 | 52.9  | 53.3  | 53.5  | 53.5   | 53.5  | 53.5  |
| >= 7000 | 13.2 | 34.7 | 41.3 | 47.6 | 50.3 | 51.3    | 52.9 | 53.8    | 54.0 | 55.2  | 55.6  | 55.8  | 55.8   | 55.8  | 55.8  |
| >= 6000 | 13.7 | 35.5 | 42.2 | 48.5 | 51.2 | 52.2    | 53.8 | 54.7    | 54.9 | 56.1  | 56.5  | 56.7  | 56.7   | 56.7  | 56.7  |
| >= 5000 | 14.7 | 37.5 | 44.7 | 51.5 | 54.2 | 55.2    | 56.9 | 57.8    | 58.0 | 59.2  | 59.6  | 59.8  | 59.8   | 59.8  | 59.8  |
| >= 4500 | 15.1 | 38.3 | 45.5 | 52.3 | 55.0 | 56.0    | 57.6 | 58.6    | 58.8 | 60.0  | 60.4  | 60.6  | 60.6   | 60.6  | 60.6  |
| >= 4000 | 16.4 | 41.5 | 49.7 | 56.3 | 59.3 | 60.3    | 62.5 | 63.5    | 63.7 | 64.9  | 65.3  | 65.6  | 65.6   | 65.6  | 65.6  |
| >= 3500 | 17.1 | 42.8 | 50.8 | 57.8 | 61.1 | 62.1    | 64.2 | 65.3    | 65.5 | 66.7  | 67.1  | 67.4  | 67.4   | 67.4  | 67.4  |
| >= 3000 | 18.9 | 47.3 | 55.7 | 63.3 | 66.9 | 67.9    | 70.4 | 71.8    | 72.1 | 73.7  | 74.1  | 74.5  | 74.5   | 74.5  | 74.5  |
| >= 2500 | 19.6 | 49.2 | 57.7 | 65.7 | 69.4 | 70.6    | 73.3 | 74.9    | 75.2 | 76.9  | 77.4  | 77.7  | 77.7   | 77.7  | 77.7  |
| >= 2000 | 19.8 | 50.7 | 59.4 | 68.3 | 72.4 | 73.5    | 76.6 | 78.2    | 78.6 | 80.3  | 80.8  | 81.2  | 81.2   | 81.2  | 81.2  |
| >= 1500 | 19.8 | 50.7 | 59.4 | 68.3 | 72.5 | 73.6    | 76.7 | 78.3    | 78.7 | 80.4  | 80.9  | 81.3  | 81.3   | 81.3  | 81.3  |
| >= 1500 | 20.5 | 52.3 | 61.3 | 70.5 | 75.1 | 76.5    | 79.6 | 81.6    | 82.0 | 84.0  | 84.5  | 84.9  | 84.9   | 84.9  | 84.9  |
| >= 1200 | 20.7 | 52.5 | 61.5 | 70.7 | 75.3 | 76.7    | 80.0 | 82.0    | 82.4 | 84.4  | 84.9  | 85.3  | 85.3   | 85.3  | 85.3  |
| >= 1000 | 21.2 | 54.0 | 63.5 | 73.1 | 77.9 | 79.4    | 83.1 | 85.6    | 86.0 | 88.2  | 88.7  | 89.4  | 89.4   | 89.4  | 89.4  |
| >= 900  | 21.2 | 54.0 | 63.5 | 73.2 | 78.0 | 79.5    | 83.2 | 85.7    | 86.1 | 88.3  | 88.8  | 89.5  | 89.5   | 89.5  | 89.5  |
| >= 800  | 21.3 | 54.3 | 63.8 | 73.8 | 79.1 | 80.6    | 84.5 | 87.5    | 88.0 | 90.6  | 91.2  | 92.0  | 92.1   | 92.3  | 92.5  |
| >= 700  | 21.4 | 54.7 | 64.2 | 74.4 | 79.8 | 81.3    | 85.7 | 88.5    | 89.0 | 91.7  | 92.3  | 93.1  | 93.2   | 93.4  | 93.6  |
| >= 600  | 21.4 | 55.1 | 64.7 | 74.9 | 80.4 | 81.9    | 86.5 | 89.5    | 90.0 | 92.6  | 93.2  | 94.1  | 94.2   | 94.4  | 94.6  |
| >= 500  | 21.6 | 55.4 | 65.1 | 75.6 | 81.3 | 82.7    | 87.6 | 90.8    | 91.2 | 94.1  | 94.7  | 95.0  | 95.9   | 96.3  | 96.5  |
| >= 400  | 21.6 | 55.6 | 65.4 | 76.0 | 81.8 | 83.3    | 88.3 | 91.7    | 92.2 | 95.1  | 95.8  | 96.1  | 97.1   | 97.7  | 97.9  |
| >= 300  | 21.7 | 55.7 | 65.5 | 76.1 | 81.9 | 83.4    | 88.5 | 92.0    | 92.5 | 95.4  | 96.1  | 97.4  | 97.5   | 98.1  | 98.7  |
| >= 200  | 21.7 | 55.7 | 65.5 | 76.1 | 81.9 | 83.4    | 88.5 | 92.0    | 92.5 | 95.6  | 96.4  | 97.7  | 97.8   | 98.6  | 99.4  |
| >= 100  | 21.7 | 55.7 | 65.5 | 76.1 | 81.9 | 83.4    | 88.5 | 92.0    | 92.5 | 95.6  | 96.4  | 97.8  | 97.9   | 98.7  | 99.7  |
| >= 50   | 21.7 | 55.7 | 65.5 | 76.1 | 81.9 | 83.4    | 88.5 | 92.0    | 92.5 | 95.6  | 96.4  | 97.8  | 97.9   | 98.7  | 100.0 |

TOTAL NO. OF CES : 1020

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : 0900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |       |       |       |        |       |       |  |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|-------|--|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |  |
| UNLIMIT | 7.0                        | 20.3 | 24.4 | 27.4 | 29.4 | 30.1    | 31.3 | 32.2    | 32.6 | 33.4  | 33.5  | 33.6  | 33.7   | 33.8  | 33.8  |  |
| >=20000 | 8.3                        | 25.6 | 30.1 | 33.9 | 36.1 | 37.0    | 38.7 | 40.1    | 40.6 | 41.7  | 41.8  | 41.9  | 42.0   | 42.1  | 42.1  |  |
| >=18000 | 8.3                        | 25.8 | 30.4 | 34.2 | 36.4 | 37.3    | 39.0 | 40.4    | 40.9 | 42.0  | 42.1  | 42.1  | 42.2   | 42.4  | 42.4  |  |
| >=16000 | 8.5                        | 26.0 | 30.6 | 34.4 | 36.6 | 37.5    | 39.2 | 40.6    | 41.1 | 42.2  | 42.3  | 42.4  | 42.5   | 42.6  | 42.6  |  |
| >=14000 | 8.9                        | 26.9 | 31.6 | 35.8 | 38.2 | 39.1    | 40.8 | 42.3    | 42.8 | 44.2  | 44.3  | 44.4  | 44.5   | 44.6  | 44.6  |  |
| >=12000 | 9.7                        | 28.9 | 34.0 | 38.0 | 40.8 | 41.9    | 43.7 | 45.1    | 45.6 | 47.3  | 47.4  | 47.5  | 47.6   | 47.7  | 47.7  |  |
| >=10000 | 10.9                       | 32.4 | 38.0 | 42.3 | 45.3 | 46.5    | 48.9 | 50.4    | 50.9 | 52.7  | 53.0  | 53.1  | 53.2   | 53.3  | 53.3  |  |
| >=9000  | 11.2                       | 33.3 | 39.0 | 43.3 | 46.5 | 47.7    | 50.2 | 51.8    | 52.3 | 54.2  | 54.5  | 54.6  | 54.7   | 54.8  | 54.8  |  |
| >=8000  | 12.3                       | 36.1 | 42.1 | 46.9 | 50.5 | 51.8    | 54.4 | 56.2    | 56.7 | 58.7  | 59.0  | 59.3  | 59.4   | 59.5  | 59.5  |  |
| >=7000  | 12.8                       | 37.3 | 43.4 | 48.4 | 52.1 | 53.4    | 56.1 | 57.9    | 58.5 | 60.5  | 60.8  | 61.1  | 61.2   | 61.3  | 61.3  |  |
| >=6000  | 13.3                       | 38.2 | 44.3 | 49.4 | 53.2 | 54.5    | 57.2 | 59.2    | 59.8 | 61.8  | 62.1  | 62.4  | 62.5   | 62.6  | 62.6  |  |
| >=5000  | 14.7                       | 40.6 | 47.1 | 52.3 | 56.3 | 57.5    | 60.4 | 62.4    | 63.0 | 65.0  | 65.3  | 65.6  | 65.7   | 65.8  | 65.8  |  |
| >=4500  | 14.9                       | 41.5 | 48.0 | 53.2 | 57.1 | 58.4    | 61.4 | 63.4    | 64.0 | 66.0  | 66.3  | 66.6  | 66.7   | 66.8  | 66.8  |  |
| >=4000  | 15.9                       | 44.9 | 51.9 | 57.5 | 61.6 | 63.1    | 66.1 | 68.2    | 68.8 | 70.9  | 71.2  | 71.5  | 71.6   | 71.7  | 71.7  |  |
| >=3500  | 16.3                       | 45.9 | 53.0 | 58.6 | 62.8 | 64.4    | 67.4 | 69.5    | 70.1 | 72.3  | 72.7  | 73.1  | 73.2   | 73.3  | 73.3  |  |
| >=3000  | 17.0                       | 48.8 | 56.3 | 62.2 | 66.6 | 68.3    | 71.3 | 73.7    | 74.3 | 76.5  | 77.0  | 77.6  | 77.7   | 77.8  | 77.8  |  |
| >=2500  | 17.3                       | 49.9 | 57.5 | 64.5 | 69.0 | 70.8    | 74.3 | 76.7    | 77.3 | 79.6  | 80.1  | 80.7  | 80.8   | 80.9  | 80.9  |  |
| >=2000  | 17.7                       | 51.1 | 58.9 | 66.3 | 71.0 | 72.9    | 76.6 | 79.0    | 79.6 | 82.1  | 82.7  | 83.3  | 83.4   | 83.5  | 83.5  |  |
| >=1800  | 17.7                       | 51.2 | 59.0 | 66.4 | 71.1 | 73.0    | 76.7 | 79.1    | 79.7 | 82.2  | 82.8  | 83.4  | 83.5   | 83.6  | 83.6  |  |
| >=1500  | 18.3                       | 52.9 | 61.0 | 68.5 | 73.6 | 75.6    | 79.5 | 81.9    | 82.6 | 85.3  | 86.0  | 86.7  | 86.8   | 86.9  | 86.9  |  |
| >=1200  | 18.4                       | 53.1 | 61.2 | 68.7 | 73.9 | 75.9    | 79.9 | 82.3    | 83.0 | 85.7  | 86.4  | 87.1  | 87.2   | 87.3  | 87.3  |  |
| >=1000  | 18.7                       | 54.0 | 62.3 | 69.8 | 75.6 | 77.9    | 82.3 | 85.0    | 85.7 | 88.8  | 89.6  | 90.6  | 90.7   | 90.8  | 90.8  |  |
| >=900   | 18.7                       | 54.0 | 62.4 | 69.9 | 75.7 | 78.1    | 82.5 | 85.2    | 85.9 | 89.0  | 89.8  | 90.8  | 90.9   | 91.0  | 91.0  |  |
| >=800   | 18.7                       | 54.4 | 62.9 | 70.9 | 77.3 | 79.8    | 84.4 | 87.2    | 88.2 | 91.6  | 92.5  | 93.7  | 93.8   | 93.9  | 93.9  |  |
| >=700   | 18.7                       | 54.4 | 63.0 | 71.2 | 77.6 | 80.2    | 84.8 | 87.6    | 88.8 | 92.5  | 93.5  | 94.7  | 94.8   | 95.0  | 95.0  |  |
| >=600   | 18.7                       | 54.5 | 63.1 | 71.4 | 77.9 | 80.7    | 85.4 | 88.5    | 89.5 | 93.3  | 94.2  | 95.6  | 95.7   | 96.0  | 96.0  |  |
| >=500   | 18.7                       | 54.6 | 63.4 | 71.8 | 78.5 | 81.3    | 86.4 | 89.7    | 90.7 | 94.5  | 95.7  | 97.2  | 97.3   | 97.6  | 97.6  |  |
| >=400   | 18.7                       | 54.6 | 63.4 | 71.8 | 78.5 | 81.3    | 86.4 | 89.7    | 90.7 | 94.5  | 95.7  | 97.2  | 97.3   | 98.2  | 98.5  |  |
| >=300   | 18.8                       | 55.0 | 63.6 | 72.1 | 78.8 | 81.6    | 86.9 | 90.5    | 91.5 | 95.6  | 97.0  | 98.7  | 98.8   | 99.1  | 99.1  |  |
| >=200   | 18.8                       | 55.0 | 63.6 | 72.1 | 78.8 | 81.6    | 86.9 | 90.5    | 91.5 | 95.6  | 97.0  | 98.7  | 98.8   | 99.1  | 99.4  |  |
| >=100   | 18.8                       | 55.0 | 63.6 | 72.1 | 78.8 | 81.6    | 86.9 | 90.5    | 91.5 | 95.6  | 97.1  | 99.2  | 99.3   | 99.7  | 99.9  |  |
| >=0     | 18.8                       | 55.0 | 63.6 | 72.1 | 78.8 | 81.6    | 86.9 | 90.5    | 91.5 | 95.6  | 97.1  | 99.2  | 99.3   | 99.7  | 100.0 |  |

TOTAL NO. OF OBS : 1008

# 2 - CEILING AND VISIBILITY

443323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 |
| UNLIMIT | 14.1                       | 30.9 | 34.0 | 36.0 | 36.8 | 37.1 | 37.5 | 37.5 | 37.5 | 37.5 | 37.7 | 37.8 | 37.8 | 37.8  | 37.8  | 37.8  |
| >=2000  | 15.6                       | 38.2 | 42.4 | 45.2 | 46.6 | 47.0 | 47.5 | 47.5 | 47.6 | 47.6 | 47.8 | 47.9 | 47.9 | 47.9  | 47.9  | 47.9  |
| >=1800  | 15.6                       | 38.5 | 42.7 | 45.5 | 46.9 | 47.3 | 47.8 | 47.8 | 47.9 | 47.9 | 48.1 | 48.2 | 48.2 | 48.2  | 48.2  | 48.2  |
| >=1600  | 15.8                       | 38.7 | 42.9 | 45.7 | 47.1 | 47.5 | 48.0 | 48.1 | 48.1 | 48.1 | 48.3 | 48.4 | 48.4 | 48.4  | 48.4  | 48.4  |
| >=1400  | 16.4                       | 40.6 | 44.8 | 47.8 | 49.2 | 49.6 | 50.0 | 50.1 | 50.1 | 50.1 | 50.3 | 50.5 | 50.5 | 50.5  | 50.5  | 50.5  |
| >=1200  | 17.6                       | 43.4 | 48.1 | 51.0 | 52.4 | 52.8 | 53.5 | 53.6 | 53.6 | 53.6 | 53.8 | 54.0 | 54.0 | 54.0  | 54.0  | 54.0  |
| >=1000  | 19.3                       | 47.3 | 52.2 | 55.5 | 57.1 | 57.8 | 58.6 | 58.9 | 58.9 | 58.9 | 59.2 | 59.4 | 59.4 | 59.4  | 59.4  | 59.4  |
| >=800   | 19.5                       | 47.7 | 52.6 | 56.0 | 57.6 | 58.3 | 59.1 | 59.4 | 59.4 | 59.4 | 59.7 | 59.9 | 59.9 | 59.9  | 59.9  | 60.0  |
| >=600   | 20.8                       | 51.3 | 56.5 | 60.1 | 61.8 | 62.5 | 63.2 | 63.6 | 63.6 | 63.6 | 63.9 | 64.2 | 64.2 | 64.2  | 64.2  | 64.2  |
| >=400   | 21.3                       | 52.6 | 58.1 | 61.8 | 63.6 | 64.3 | 65.2 | 65.5 | 65.5 | 65.5 | 66.1 | 66.1 | 66.1 | 66.1  | 66.1  | 66.2  |
| >=200   | 21.4                       | 53.1 | 58.7 | 62.4 | 64.3 | 65.0 | 65.9 | 66.2 | 66.2 | 66.2 | 66.5 | 66.9 | 66.9 | 66.9  | 66.9  | 67.0  |
| >=100   | 21.8                       | 54.6 | 60.4 | 64.1 | 66.1 | 66.8 | 67.9 | 68.2 | 68.2 | 68.2 | 68.5 | 68.9 | 68.9 | 68.9  | 68.9  | 69.0  |
| >=80    | 22.1                       | 55.3 | 61.4 | 65.3 | 67.3 | 68.0 | 69.1 | 69.4 | 69.4 | 69.4 | 69.7 | 70.1 | 70.1 | 70.1  | 70.1  | 70.2  |
| >=60    | 22.9                       | 58.3 | 64.7 | 69.1 | 71.3 | 72.0 | 73.2 | 73.5 | 73.5 | 73.5 | 73.8 | 74.2 | 74.2 | 74.2  | 74.2  | 74.3  |
| >=40    | 23.5                       | 59.7 | 66.2 | 70.6 | 72.7 | 73.9 | 75.2 | 75.5 | 75.5 | 75.5 | 75.8 | 76.2 | 76.2 | 76.2  | 76.2  | 76.3  |
| >=20    | 24.1                       | 62.4 | 69.2 | 74.1 | 77.3 | 78.0 | 79.4 | 79.7 | 79.7 | 79.7 | 80.1 | 80.5 | 80.5 | 80.5  | 80.5  | 80.6  |
| >=10    | 24.6                       | 63.7 | 70.8 | 75.8 | 79.5 | 80.2 | 81.8 | 82.2 | 82.2 | 82.2 | 82.6 | 83.0 | 83.0 | 83.0  | 83.0  | 83.1  |
| >=8     | 24.9                       | 65.0 | 72.2 | 77.4 | 81.3 | 82.1 | 83.7 | 84.3 | 84.3 | 84.4 | 84.8 | 85.2 | 85.3 | 85.3  | 85.4  | 85.5  |
| >=6     | 24.9                       | 65.0 | 72.2 | 77.4 | 81.3 | 82.1 | 83.7 | 84.3 | 84.3 | 84.4 | 84.8 | 85.2 | 85.3 | 85.4  | 85.4  | 85.6  |
| >=4     | 25.4                       | 66.1 | 73.9 | 80.0 | 84.3 | 85.3 | 87.3 | 88.1 | 88.2 | 88.2 | 88.9 | 89.5 | 89.5 | 89.5  | 89.7  | 89.8  |
| >=2     | 25.4                       | 66.2 | 74.0 | 80.1 | 84.6 | 85.6 | 87.6 | 88.4 | 88.5 | 88.5 | 89.3 | 89.9 | 89.9 | 89.9  | 90.1  | 90.3  |
| >=1     | 25.5                       | 67.4 | 75.5 | 82.0 | 87.0 | 88.2 | 90.6 | 91.7 | 91.7 | 91.8 | 92.9 | 93.5 | 93.6 | 93.6  | 93.9  | 94.1  |
| >=0.8   | 25.5                       | 67.7 | 75.9 | 82.5 | 88.0 | 89.3 | 91.9 | 93.4 | 93.5 | 93.5 | 94.7 | 95.3 | 95.4 | 95.5  | 95.8  | 96.0  |
| >=0.6   | 25.5                       | 67.7 | 76.0 | 82.8 | 88.5 | 90.0 | 92.6 | 94.1 | 94.2 | 94.2 | 95.5 | 96.2 | 96.3 | 96.4  | 96.7  | 96.9  |
| >=0.4   | 25.5                       | 67.7 | 76.0 | 82.8 | 88.5 | 90.2 | 92.9 | 94.5 | 94.6 | 94.6 | 96.0 | 96.7 | 96.8 | 97.0  | 97.3  | 97.5  |
| >=0.2   | 25.5                       | 67.8 | 76.3 | 83.3 | 89.3 | 90.9 | 93.7 | 95.6 | 95.7 | 95.7 | 97.3 | 98.0 | 98.1 | 98.4  | 98.7  | 99.0  |
| >=0.1   | 25.5                       | 67.9 | 76.4 | 83.3 | 89.5 | 91.0 | 93.8 | 95.7 | 95.8 | 95.8 | 97.5 | 98.2 | 98.3 | 98.6  | 99.1  | 99.4  |
| >=0.08  | 25.5                       | 67.9 | 76.4 | 83.3 | 89.5 | 91.1 | 93.9 | 95.8 | 95.9 | 95.9 | 97.7 | 98.5 | 98.6 | 98.9  | 99.4  | 99.7  |
| >=0.06  | 25.5                       | 67.9 | 76.4 | 83.3 | 89.5 | 91.1 | 93.9 | 95.8 | 95.9 | 95.9 | 97.7 | 98.5 | 98.6 | 98.9  | 99.4  | 99.7  |
| >=0.04  | 25.5                       | 67.9 | 76.4 | 83.3 | 89.5 | 91.1 | 93.9 | 95.8 | 95.9 | 95.9 | 97.8 | 98.6 | 98.7 | 99.0  | 99.5  | 100.0 |
| >=0.02  | 25.5                       | 67.9 | 76.4 | 83.3 | 89.5 | 91.1 | 93.9 | 95.8 | 95.9 | 95.9 | 97.8 | 98.6 | 98.7 | 99.0  | 99.5  | 100.0 |

TOTAL NO. OF OBS : 1003

# 2 - CEILING VS VISIBILITY

043327 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1 1/4 | >=1   |
| UNLIMIT | 19.2                       | 35.3 | 36.4 | 36.9 | 36.9 | 36.9    | 36.9 | 36.9    | 36.9    | 36.9  |
| >=20000 | 21.5                       | 42.8 | 44.7 | 45.5 | 45.8 | 45.8    | 45.8 | 45.8    | 45.8    | 45.8  |
| >=18000 | 21.5                       | 43.1 | 45.0 | 45.8 | 46.2 | 46.2    | 46.2 | 46.2    | 46.2    | 46.2  |
| >=16000 | 22.1                       | 44.1 | 46.1 | 47.1 | 47.5 | 47.5    | 47.5 | 47.5    | 47.5    | 47.5  |
| >=14000 | 23.5                       | 46.5 | 48.6 | 49.6 | 50.0 | 50.0    | 50.0 | 50.1    | 50.1    | 50.1  |
| >=12000 | 24.7                       | 50.0 | 52.4 | 53.5 | 54.0 | 54.0    | 54.0 | 54.1    | 54.1    | 54.1  |
| >=10000 | 26.9                       | 55.5 | 58.3 | 59.6 | 60.2 | 60.2    | 60.2 | 60.5    | 60.5    | 60.5  |
| >= 9000 | 27.6                       | 56.4 | 59.2 | 60.5 | 61.1 | 61.1    | 61.1 | 61.4    | 61.4    | 61.4  |
| >= 8000 | 29.5                       | 61.4 | 64.2 | 65.6 | 66.2 | 66.2    | 66.2 | 66.5    | 66.5    | 66.5  |
| >= 7000 | 30.2                       | 62.9 | 66.0 | 67.5 | 68.2 | 68.2    | 68.2 | 68.5    | 68.5    | 68.5  |
| >= 6000 | 30.7                       | 63.5 | 66.7 | 68.2 | 68.9 | 68.9    | 68.9 | 69.1    | 69.2    | 69.2  |
| >= 5000 | 31.9                       | 66.2 | 69.6 | 71.1 | 71.9 | 72.0    | 72.0 | 72.3    | 72.3    | 72.3  |
| >= 4500 | 32.5                       | 67.3 | 70.7 | 72.2 | 73.0 | 73.1    | 73.1 | 73.4    | 73.4    | 73.4  |
| >= 4000 | 33.7                       | 71.2 | 75.0 | 76.6 | 77.6 | 77.8    | 77.8 | 78.1    | 78.1    | 78.1  |
| >= 3500 | 33.9                       | 72.2 | 76.1 | 77.9 | 79.0 | 79.2    | 79.2 | 79.6    | 79.6    | 79.6  |
| >= 3000 | 35.0                       | 75.1 | 79.5 | 81.7 | 83.0 | 83.2    | 83.2 | 83.8    | 83.8    | 83.8  |
| >= 2500 | 35.3                       | 75.8 | 80.3 | 82.5 | 84.0 | 84.1    | 84.4 | 84.9    | 84.9    | 84.9  |
| >= 2000 | 35.8                       | 77.3 | 82.2 | 84.7 | 86.4 | 86.5    | 87.0 | 87.9    | 87.9    | 87.9  |
| >= 1800 | 35.8                       | 77.3 | 82.2 | 84.7 | 86.4 | 86.5    | 87.0 | 87.9    | 87.9    | 87.9  |
| >= 1500 | 36.1                       | 72.7 | 83.9 | 86.6 | 88.7 | 89.0    | 89.5 | 90.9    | 90.9    | 91.0  |
| >= 1200 | 36.1                       | 78.8 | 84.1 | 86.8 | 88.9 | 89.2    | 89.8 | 91.3    | 91.3    | 91.4  |
| >= 1000 | 36.2                       | 79.7 | 85.1 | 88.1 | 90.9 | 91.2    | 92.0 | 94.1    | 94.1    | 94.2  |
| >= 900  | 36.2                       | 79.7 | 85.2 | 88.3 | 91.1 | 91.4    | 92.2 | 94.3    | 94.3    | 94.4  |
| >= 800  | 36.3                       | 80.2 | 85.8 | 89.1 | 92.1 | 92.6    | 93.7 | 96.5    | 96.6    | 96.7  |
| >= 700  | 36.4                       | 80.3 | 86.0 | 89.3 | 92.6 | 93.1    | 94.3 | 97.2    | 97.4    | 97.6  |
| >= 600  | 36.4                       | 80.4 | 86.2 | 89.5 | 93.0 | 93.6    | 94.8 | 97.8    | 98.1    | 98.3  |
| >= 500  | 36.4                       | 80.6 | 86.4 | 89.7 | 93.2 | 93.9    | 95.2 | 98.5    | 98.8    | 99.1  |
| >= 400  | 36.4                       | 80.6 | 86.4 | 89.8 | 93.3 | 94.1    | 95.4 | 98.7    | 99.0    | 99.3  |
| >= 300  | 36.4                       | 80.6 | 86.4 | 89.9 | 93.4 | 94.2    | 95.5 | 98.8    | 99.1    | 99.5  |
| >= 200  | 36.4                       | 80.6 | 86.4 | 89.9 | 93.4 | 94.2    | 95.5 | 98.9    | 99.4    | 99.8  |
| >= 100  | 36.4                       | 80.6 | 86.4 | 89.9 | 93.4 | 94.2    | 95.5 | 98.9    | 99.4    | 100.0 |
| >= 0    | 36.4                       | 80.6 | 86.4 | 89.9 | 93.4 | 94.2    | 95.5 | 98.9    | 99.4    | 100.0 |

TOTAL NO. OF OBS : 1002

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : 1800 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |       |       |       |        |       |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | >=1  | 1/2  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0  |
| UNLIMIT | 16.3                       | 31.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6  | 32.6  | 32.6  | 32.6   | 32.6  | 32.6 |
| >=20000 | 18.5                       | 38.3 | 40.0 | 40.3 | 40.5 | 40.6 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7  | 40.7  | 40.7  | 40.7   | 40.7  | 40.7 |
| >=18000 | 18.8                       | 38.8 | 40.6 | 40.9 | 41.1 | 41.2 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3  | 41.3  | 41.3  | 41.3   | 41.3  | 41.3 |
| >=16000 | 19.0                       | 39.0 | 40.8 | 41.1 | 41.3 | 41.4 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5  | 41.5  | 41.5  | 41.5   | 41.5  | 41.5 |
| >=14000 | 20.2                       | 41.4 | 43.2 | 43.5 | 43.8 | 43.9 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0  | 44.0  | 44.0  | 44.0   | 44.0  | 44.0 |
| >=12000 | 21.7                       | 44.3 | 46.6 | 46.9 | 47.2 | 47.3 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4  | 47.4  | 47.4  | 47.4   | 47.4  | 47.4 |
| >=10000 | 24.9                       | 50.8 | 53.4 | 53.9 | 54.3 | 54.4 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6  | 54.6  | 54.6  | 54.6   | 54.6  | 54.6 |
| >=9000  | 25.1                       | 51.8 | 54.6 | 55.2 | 55.6 | 55.7 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9  | 55.9  | 55.9  | 55.9   | 55.9  | 55.9 |
| >=8000  | 28.1                       | 59.1 | 62.0 | 62.9 | 63.4 | 63.5 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8  | 63.8  | 63.8  | 63.8   | 63.8  | 63.8 |
| >=7000  | 28.6                       | 61.0 | 63.9 | 64.9 | 65.5 | 65.6 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9  | 65.9  | 65.9  | 65.9   | 65.9  | 65.9 |
| >=6000  | 29.3                       | 62.2 | 65.1 | 66.1 | 66.7 | 66.8 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1  | 67.1  | 67.1  | 67.1   | 67.1  | 67.1 |
| >=5000  | 30.6                       | 65.4 | 68.8 | 69.9 | 70.6 | 70.7 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0  | 71.0  | 71.0  | 71.0   | 71.0  | 71.0 |
| >=4500  | 31.0                       | 66.1 | 69.5 | 70.7 | 71.5 | 71.6 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9  | 71.9  | 71.9  | 71.9   | 71.9  | 71.9 |
| >=4000  | 32.3                       | 69.6 | 73.2 | 74.8 | 75.6 | 75.8 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2  | 76.2  | 76.2  | 76.2   | 76.2  | 76.2 |
| >=3500  | 32.8                       | 71.3 | 74.9 | 76.6 | 77.4 | 77.6 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1  | 78.1  | 78.1  | 78.1   | 78.1  | 78.1 |
| >=3000  | 34.4                       | 75.0 | 78.9 | 81.1 | 81.9 | 82.1 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7  | 82.7  | 82.7  | 82.7   | 82.7  | 82.7 |
| >=2500  | 35.1                       | 76.5 | 80.4 | 82.8 | 83.7 | 83.9 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.8  | 84.8  | 84.8  | 84.8   | 84.8  | 84.8 |
| >=2000  | 35.6                       | 78.0 | 82.5 | 85.1 | 86.2 | 86.4 | 86.8 | 87.3 | 87.3 | 87.3 | 87.3 | 87.6  | 87.6  | 87.6  | 87.6   | 87.6  | 87.6 |
| >=1800  | 35.6                       | 78.0 | 82.5 | 85.1 | 86.2 | 86.4 | 86.8 | 87.3 | 87.3 | 87.3 | 87.3 | 87.7  | 87.7  | 87.7  | 87.7   | 87.7  | 87.7 |
| >=1500  | 36.0                       | 79.2 | 84.1 | 86.9 | 88.1 | 88.5 | 88.9 | 89.6 | 89.6 | 89.6 | 89.6 | 90.1  | 90.1  | 90.1  | 90.1   | 90.1  | 90.1 |
| >=1200  | 36.0                       | 79.2 | 84.3 | 87.2 | 88.4 | 88.8 | 89.2 | 89.9 | 89.9 | 89.9 | 89.9 | 90.4  | 90.4  | 90.4  | 90.4   | 90.4  | 90.4 |
| >=1000  | 36.0                       | 79.4 | 84.7 | 87.9 | 89.2 | 89.6 | 90.1 | 90.8 | 90.8 | 90.8 | 90.8 | 91.5  | 91.5  | 91.5  | 91.5   | 91.5  | 91.5 |
| >=900   | 36.1                       | 79.6 | 84.9 | 88.1 | 89.4 | 89.8 | 90.3 | 91.1 | 91.1 | 91.1 | 91.1 | 91.8  | 91.8  | 91.8  | 91.8   | 91.8  | 91.8 |
| >=800   | 36.2                       | 80.2 | 85.7 | 89.2 | 90.9 | 91.3 | 92.4 | 93.5 | 93.5 | 93.5 | 93.5 | 94.5  | 94.5  | 94.5  | 94.5   | 94.5  | 94.5 |
| >=700   | 36.4                       | 80.6 | 85.2 | 89.7 | 91.5 | 92.0 | 93.4 | 94.5 | 94.5 | 94.5 | 94.5 | 95.5  | 95.5  | 95.5  | 95.5   | 95.5  | 95.5 |
| >=600   | 36.4                       | 80.7 | 86.3 | 89.9 | 91.8 | 92.3 | 93.9 | 95.2 | 95.2 | 95.2 | 95.2 | 96.3  | 96.3  | 96.3  | 96.3   | 96.3  | 96.3 |
| >=500   | 36.5                       | 80.9 | 86.6 | 90.3 | 92.2 | 92.7 | 94.2 | 95.7 | 95.7 | 95.7 | 95.7 | 96.9  | 96.9  | 96.9  | 96.9   | 96.9  | 96.9 |
| >=400   | 36.5                       | 80.9 | 86.6 | 90.3 | 92.2 | 92.7 | 94.3 | 95.8 | 95.8 | 95.8 | 95.8 | 97.2  | 97.2  | 97.2  | 97.2   | 97.2  | 97.2 |
| >=300   | 36.5                       | 80.9 | 86.6 | 90.4 | 92.3 | 92.8 | 94.5 | 96.0 | 96.0 | 96.0 | 96.0 | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  | 97.4 |
| >=200   | 36.5                       | 80.9 | 86.6 | 90.4 | 92.3 | 92.8 | 94.5 | 96.0 | 96.1 | 96.1 | 96.1 | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  | 97.4 |
| >=100   | 36.5                       | 80.9 | 86.6 | 90.4 | 92.3 | 92.8 | 94.5 | 96.0 | 96.1 | 96.1 | 96.1 | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  | 97.4 |
| >=0     | 36.5                       | 80.9 | 86.6 | 90.4 | 92.3 | 92.8 | 94.5 | 96.0 | 96.1 | 96.1 | 96.1 | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  | 97.4 |

TOTAL NO. OF OBS : 999

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : 2100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |       |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0  |
| UNLIMIT | 20.1                       | 36.1 | 37.1 | 37.4 | 37.9 | 37.9 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0  | 38.0  | 38.0  | 38.0   | 38.0  | 38.0 |
| >=20000 | 22.1                       | 42.0 | 43.5 | 44.0 | 44.6 | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7  | 44.7  | 44.7  | 44.7   | 44.7  | 44.7 |
| >=18000 | 22.1                       | 42.2 | 43.8 | 44.3 | 44.9 | 44.9 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0  | 45.0  | 45.0  | 45.0   | 45.0  | 45.0 |
| >=16000 | 22.2                       | 42.4 | 44.0 | 44.5 | 45.1 | 45.1 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2  | 45.2  | 45.2  | 45.2   | 45.2  | 45.2 |
| >=14000 | 22.5                       | 43.0 | 44.6 | 45.1 | 45.7 | 45.7 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8  | 45.8  | 45.8  | 45.8   | 45.8  | 45.8 |
| >=12000 | 23.9                       | 45.0 | 46.7 | 47.2 | 47.8 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9  | 47.9  | 47.9  | 47.9   | 47.9  | 47.9 |
| >=10000 | 26.0                       | 49.8 | 51.7 | 52.4 | 53.2 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3  | 53.3  | 53.3  | 53.3   | 53.3  | 53.3 |
| >=9000  | 26.4                       | 50.9 | 53.0 | 53.7 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6  | 54.6  | 54.6  | 54.6   | 54.6  | 54.6 |
| >=8000  | 29.4                       | 56.9 | 59.3 | 60.0 | 60.8 | 60.8 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1  | 61.1  | 61.1  | 61.1   | 61.1  | 61.1 |
| >=7000  | 30.2                       | 58.8 | 61.4 | 62.1 | 63.0 | 63.0 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3  | 63.3  | 63.3  | 63.3   | 63.3  | 63.3 |
| >=6000  | 30.9                       | 59.8 | 62.4 | 63.1 | 64.0 | 64.0 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3  | 64.3  | 64.3  | 64.3   | 64.3  | 64.3 |
| >=5000  | 32.8                       | 63.2 | 66.0 | 66.8 | 67.7 | 67.7 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1  | 68.1  | 68.1  | 68.1   | 68.1  | 68.1 |
| >=4500  | 33.4                       | 63.9 | 66.8 | 67.6 | 68.5 | 68.5 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0  | 69.0  | 69.0  | 69.0   | 69.0  | 69.0 |
| >=4000  | 35.4                       | 68.4 | 71.5 | 72.3 | 73.3 | 73.3 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9  | 73.9  | 73.9  | 73.9   | 73.9  | 73.9 |
| >=3500  | 36.2                       | 69.9 | 72.9 | 73.9 | 75.0 | 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 |
| >=3000  | 38.9                       | 74.9 | 78.2 | 79.7 | 81.0 | 81.1 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8  | 81.8  | 81.8  | 81.8   | 81.8  | 81.8 |
| >=2500  | 39.9                       | 77.1 | 80.6 | 82.2 | 83.6 | 83.7 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6  | 84.6  | 84.6  | 84.6   | 84.6  | 84.6 |
| >=2000  | 40.7                       | 79.1 | 82.7 | 84.4 | 86.3 | 86.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5  | 87.5  | 87.5  | 87.5   | 87.5  | 87.5 |
| >=1800  | 40.7                       | 79.1 | 82.7 | 84.4 | 86.3 | 86.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5  | 87.5  | 87.5  | 87.5   | 87.5  | 87.5 |
| >=1500  | 41.2                       | 80.4 | 84.1 | 86.1 | 88.5 | 88.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7  | 89.7  | 89.7  | 89.7   | 89.7  | 89.7 |
| >=1200  | 41.3                       | 80.8 | 84.6 | 86.6 | 89.0 | 89.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2  | 90.2  | 90.2  | 90.2   | 90.2  | 90.2 |
| >=1000  | 41.6                       | 81.7 | 85.8 | 88.2 | 91.0 | 91.2 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0  | 93.0  | 93.0  | 93.0   | 93.0  | 93.0 |
| >=900   | 41.6                       | 81.7 | 85.8 | 88.2 | 91.0 | 91.2 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0  | 93.0  | 93.0  | 93.0   | 93.0  | 93.0 |
| >=800   | 41.9                       | 82.5 | 86.7 | 89.4 | 92.6 | 92.8 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0  | 95.0  | 95.0  | 95.0   | 95.0  | 95.0 |
| >=700   | 42.0                       | 82.6 | 86.8 | 89.5 | 92.8 | 93.1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4  | 95.4  | 95.4  | 95.4   | 95.4  | 95.4 |
| >=600   | 42.0                       | 82.6 | 86.8 | 89.6 | 93.0 | 93.3 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8  | 95.8  | 95.8  | 95.8   | 95.8  | 95.8 |
| >=500   | 42.3                       | 82.9 | 87.1 | 90.0 | 93.4 | 93.7 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4  | 96.4   | 96.4  | 96.4 |
| >=400   | 42.4                       | 83.0 | 87.2 | 90.2 | 93.7 | 94.0 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7  | 96.7  | 96.7  | 96.7   | 96.7  | 96.7 |
| >=300   | 42.4                       | 83.1 | 87.3 | 90.4 | 93.9 | 94.3 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2  | 97.2  | 97.2  | 97.2   | 97.2  | 97.2 |
| >=200   | 42.4                       | 83.1 | 87.4 | 90.5 | 94.0 | 94.4 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  | 97.4 |
| >=100   | 42.4                       | 83.1 | 87.4 | 90.5 | 94.0 | 94.4 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  | 97.4 |
| >=0     | 42.4                       | 83.1 | 87.4 | 90.5 | 94.0 | 94.4 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4  | 97.4  | 97.4  | 97.4   | 97.4  | 97.4 |

TOTAL NO. OF OBS : 1009

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : MAY  
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | >=10 | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | >=1  | 1/2  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |
|---------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 14.6 | 29.6 | 31.7 | 33.2 | 33.9 | 34.2 | 34.6 | 34.8 | 34.9 | 35.2 | 35.2 | 35.2  | 35.2  | 35.3  | 35.3   | 35.3  | 35.3  |
| >=20000 | 16.3 | 35.3 | 38.0 | 39.9 | 40.9 | 41.2 | 41.7 | 42.1 | 42.2 | 42.5 | 42.5 | 42.5  | 42.5  | 42.5  | 42.6   | 42.6  | 42.6  |
| >=18000 | 16.4 | 35.6 | 38.3 | 40.2 | 41.2 | 41.5 | 42.1 | 42.4 | 42.5 | 42.8 | 42.8 | 42.9  | 42.9  | 42.9  | 42.9   | 42.9  | 42.9  |
| >=16000 | 16.6 | 35.9 | 38.6 | 40.5 | 41.5 | 41.8 | 42.4 | 42.7 | 42.8 | 43.1 | 43.2 | 43.2  | 43.2  | 43.2  | 43.2   | 43.2  | 43.2  |
| >=14000 | 17.4 | 37.2 | 40.0 | 42.0 | 43.0 | 43.3 | 43.9 | 44.3 | 44.3 | 44.7 | 44.7 | 44.8  | 44.8  | 44.8  | 44.8   | 44.8  | 44.8  |
| >=12000 | 18.5 | 39.5 | 42.5 | 44.6 | 45.7 | 46.1 | 46.7 | 47.1 | 47.1 | 47.5 | 47.5 | 47.6  | 47.6  | 47.6  | 47.7   | 47.7  | 47.7  |
| >=10000 | 20.4 | 44.1 | 47.5 | 49.8 | 51.1 | 51.5 | 52.2 | 52.7 | 52.8 | 53.2 | 53.2 | 53.3  | 53.3  | 53.4  | 53.4   | 53.4  | 53.4  |
| >= 9000 | 20.8 | 44.9 | 48.4 | 50.7 | 52.0 | 52.4 | 53.2 | 53.6 | 53.7 | 54.2 | 54.2 | 54.3  | 54.3  | 54.3  | 54.4   | 54.4  | 54.4  |
| >= 8000 | 22.8 | 49.7 | 53.4 | 56.0 | 57.5 | 57.9 | 58.8 | 59.3 | 59.4 | 59.9 | 60.0 | 60.0  | 60.0  | 60.1  | 60.1   | 60.1  | 60.1  |
| >= 7000 | 23.7 | 51.4 | 55.3 | 58.0 | 59.6 | 60.1 | 61.0 | 61.5 | 61.6 | 62.1 | 62.2 | 62.2  | 62.3  | 62.3  | 62.3   | 62.3  | 62.4  |
| >= 6000 | 24.2 | 52.2 | 56.2 | 58.9 | 60.5 | 60.9 | 61.9 | 62.4 | 62.5 | 63.0 | 63.2 | 63.2  | 63.2  | 63.2  | 63.2   | 63.3  | 63.3  |
| >= 5000 | 25.5 | 55.0 | 59.2 | 62.0 | 63.7 | 64.2 | 65.2 | 65.7 | 65.8 | 66.3 | 66.5 | 66.5  | 66.5  | 66.5  | 66.6   | 66.6  | 66.6  |
| >= 4500 | 25.9 | 55.8 | 60.0 | 62.9 | 64.6 | 65.1 | 66.1 | 66.7 | 66.8 | 67.3 | 67.4 | 67.4  | 67.5  | 67.5  | 67.5   | 67.5  | 67.5  |
| >= 4000 | 27.4 | 59.7 | 64.2 | 67.4 | 69.3 | 69.8 | 70.9 | 71.5 | 71.7 | 72.2 | 72.3 | 72.4  | 72.4  | 72.4  | 72.4   | 72.5  | 72.5  |
| >= 3500 | 28.1 | 61.1 | 65.7 | 69.0 | 71.0 | 71.6 | 72.7 | 73.4 | 73.5 | 74.0 | 74.2 | 74.2  | 74.3  | 74.3  | 74.3   | 74.3  | 74.3  |
| >= 3000 | 29.8 | 65.3 | 70.2 | 73.9 | 76.3 | 76.8 | 78.1 | 78.8 | 79.0 | 79.6 | 79.8 | 79.8  | 79.9  | 79.9  | 79.9   | 79.9  | 80.0  |
| >= 2500 | 30.5 | 67.0 | 72.1 | 76.0 | 78.6 | 79.2 | 80.6 | 81.4 | 81.6 | 82.2 | 82.4 | 82.4  | 82.5  | 82.5  | 82.6   | 82.6  | 82.6  |
| >= 2000 | 31.1 | 68.7 | 74.2 | 78.5 | 81.3 | 82.0 | 83.6 | 84.5 | 84.7 | 85.4 | 85.7 | 85.7  | 85.8  | 85.9  | 85.9   | 85.9  | 85.9  |
| >= 1800 | 31.1 | 68.7 | 74.2 | 78.5 | 81.4 | 82.0 | 83.7 | 84.5 | 84.7 | 85.4 | 85.7 | 85.7  | 85.8  | 85.9  | 85.9   | 85.9  | 85.9  |
| >= 1500 | 31.7 | 70.0 | 75.8 | 80.5 | 83.7 | 84.5 | 86.2 | 87.2 | 87.4 | 88.3 | 88.7 | 88.7  | 88.7  | 88.9  | 88.9   | 88.9  | 88.9  |
| >= 1200 | 31.7 | 70.3 | 76.2 | 80.8 | 84.1 | 84.9 | 86.8 | 87.7 | 87.9 | 88.9 | 89.2 | 89.4  | 89.4  | 89.4  | 89.5   | 89.5  | 89.5  |
| >= 1000 | 32.1 | 71.4 | 77.5 | 82.5 | 86.2 | 87.1 | 89.3 | 90.5 | 90.6 | 91.9 | 92.3 | 92.5  | 92.6  | 92.7  | 92.7   | 92.8  | 92.8  |
| >= 900  | 32.1 | 71.5 | 77.6 | 82.6 | 86.3 | 87.2 | 89.5 | 90.6 | 90.8 | 92.1 | 92.5 | 92.5  | 92.6  | 92.8  | 92.8   | 92.9  | 93.0  |
| >= 800  | 32.2 | 71.9 | 78.2 | 83.4 | 87.5 | 88.5 | 91.1 | 92.6 | 92.8 | 94.2 | 94.8 | 94.8  | 94.9  | 95.2  | 95.2   | 95.4  | 95.4  |
| >= 700  | 32.3 | 72.1 | 78.4 | 83.7 | 87.9 | 88.9 | 91.7 | 93.2 | 93.4 | 94.9 | 95.5 | 95.5  | 95.6  | 96.0  | 96.1   | 96.1  | 96.2  |
| >= 600  | 32.3 | 72.2 | 78.5 | 83.9 | 88.3 | 89.3 | 92.2 | 93.8 | 94.0 | 95.7 | 96.2 | 96.2  | 96.3  | 96.8  | 96.9   | 97.0  | 97.1  |
| >= 500  | 32.4 | 72.4 | 78.8 | 84.3 | 88.7 | 89.8 | 92.8 | 94.5 | 94.7 | 96.5 | 97.2 | 97.2  | 97.3  | 97.9  | 98.0   | 98.1  | 98.3  |
| >= 400  | 32.4 | 72.5 | 78.9 | 84.4 | 88.9 | 90.0 | 93.1 | 94.8 | 95.1 | 96.9 | 97.7 | 97.7  | 97.8  | 98.5  | 98.5   | 98.8  | 98.9  |
| >= 300  | 32.4 | 72.5 | 79.0 | 84.5 | 89.0 | 90.2 | 93.3 | 95.1 | 95.4 | 97.2 | 98.0 | 98.0  | 98.2  | 98.9  | 98.9   | 99.2  | 99.4  |
| >= 200  | 32.4 | 72.6 | 79.0 | 84.6 | 89.1 | 90.2 | 93.3 | 95.2 | 95.4 | 97.3 | 98.1 | 98.1  | 98.3  | 99.1  | 99.2   | 99.5  | 99.7  |
| >= 100  | 32.4 | 72.6 | 79.0 | 84.6 | 89.1 | 90.2 | 93.3 | 95.2 | 95.4 | 97.3 | 98.1 | 98.1  | 98.3  | 99.2  | 99.2   | 99.6  | 99.9  |
| >= 0    | 32.4 | 72.6 | 79.0 | 84.6 | 89.1 | 90.2 | 93.3 | 95.2 | 95.4 | 97.3 | 98.1 | 98.1  | 98.3  | 99.2  | 99.2   | 99.6  | 100.0 |

TOTAL NO. OF OBS : 8072



# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : 0000 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |            |                       |
| N              | 1.3           | 1.6   | 2.2  | 2.0   | .9    | .4    | .0    | .0    | .0    | .0    | .0   | 8.2        | 9.9                   |
| NNE            | 1.1           | 2.1   | 2.7  | 4.4   | .9    | .0    | .0    | .0    | .0    | .0    | .0   | 11.2       | 10.1                  |
| NE             | .6            | 2.0   | 2.0  | 1.8   | .7    | .0    | .0    | .0    | .0    | .0    | .0   | 7.0        | 9.3                   |
| ENE            | 1.1           | 2.3   | 1.7  | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.5        | 6.3                   |
| E              | .8            | 2.0   | 1.0  | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.9        | 5.4                   |
| ESE            | .4            | .6    | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.2        | 4.1                   |
| SE             | .5            | .3    | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1        | 4.9                   |
| SSE            | 1.1           | 1.4   | .2   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 3.0        | 5.2                   |
| S              | 1.8           | 5.0   | 3.3  | 2.5   | .4    | .2    | .0    | .0    | .0    | .0    | .0   | 13.2       | 7.8                   |
| SSW            | 1.8           | 4.5   | 6.5  | 3.9   | 1.1   | .2    | .0    | .0    | .0    | .0    | .0   | 18.0       | 8.8                   |
| SW             | .8            | 2.2   | 1.6  | 1.6   | .2    | .1    | .0    | .0    | .0    | .0    | .0   | 6.4        | 8.4                   |
| WSW            | .2            | 1.2   | .8   | .7    | .4    | .1    | .0    | .0    | .0    | .0    | .0   | 3.3        | 9.7                   |
| W              | .5            | .4    | .5   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.4        | 5.5                   |
| WNW            | .6            | .4    | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.2        | 4.2                   |
| NW             | .3            | .8    | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.3        | 4.7                   |
| NNW            | .8            | .9    | 1.2  | .7    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 3.6        | 7.5                   |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0         | .0                    |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 10.6       | .0                    |
| ALL            | 13.4          | 27.4  | 24.3 | 18.5  | 4.7   | 1.0   | .0    | .0    | .0    | .0    | .0   | 100.0      | 7.3                   |

TOTAL NO. OF OBS : 1019

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : 0300 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |     | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|---------|-----------------|
|             | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |         |                 |
| N           | 1.3           | 3.7  | 3.7  | 2.5   | 1.2   | .5    | .0    | .0    | .0    | .0    | .0  | 12.8    | 9.1             |
| NNE         | .7            | 2.5  | 3.6  | 3.4   | .6    | .4    | .0    | .0    | .0    | .0    | .0  | 11.3    | 10.1            |
| NE          | 1.3           | 2.3  | 4.2  | 2.5   | .2    | .2    | .0    | .0    | .0    | .0    | .0  | 10.6    | 8.6             |
| ENE         | 1.4           | 1.9  | 1.3  | 1.0   | .2    | .0    | .0    | .0    | .0    | .0    | .0  | 5.7     | 7.0             |
| E           | .8            | 1.4  | .9   | .0    | .0    | .0    | .1    | .0    | .0    | .0    | .0  | 3.1     | 5.8             |
| ESE         | .4            | .1   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .6      | 3.2             |
| SE          | .4            | .2   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .6      | 2.7             |
| SSE         | 1.0           | .5   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.5     | 3.3             |
| S           | 2.5           | 3.3  | 2.4  | 1.7   | .1    | .2    | .1    | .0    | .0    | .0    | .0  | 10.2    | 7.2             |
| SSW         | 1.2           | 3.0  | 5.1  | 2.3   | .8    | .4    | .4    | .0    | .0    | .0    | .0  | 13.1    | 9.5             |
| SW          | .9            | 1.8  | 2.1  | 1.4   | .2    | .0    | .0    | .0    | .0    | .0    | .0  | 6.3     | 7.9             |
| WSW         | .7            | .7   | .7   | .5    | .3    | .0    | .0    | .0    | .0    | .0    | .0  | 2.8     | 8.2             |
| W           | .7            | .5   | .2   | .3    | .0    | .1    | .0    | .0    | .0    | .0    | .0  | 1.8     | 6.3             |
| WNW         | .6            | .9   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.6     | 3.9             |
| NW          | 1.0           | 1.3  | .7   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 3.3     | 6.0             |
| NNW         | 1.4           | 1.7  | 1.4  | .6    | .3    | .0    | .0    | .0    | .0    | .0    | .0  | 5.3     | 6.6             |
| VAR         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0      | .0              |
| CLM         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 9.4     | .0              |
| ALL         | 16.0          | 25.7 | 26.4 | 16.3  | 3.9   | 1.8   | .6    | .0    | .0    | .0    | .0  | 100.0   | 7.3             |

TOTAL NO. OF OBS : 1020

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JJN  
 HOUR : 0600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1    | 2    | 3    | 4    | 5   | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL % | MEAN WIND SPEED |
|-------------|------|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|---------|-----------------|
| N           | 2.6  | 3.9  | 4.3  | 2.7  | 1.3 | .2  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 15.0    | 8.5             |
| NNE         | .4   | 3.4  | 4.8  | 2.8  | 1.6 | .2  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 13.2    | 10.1            |
| NE          | 1.1  | 2.1  | 3.5  | 2.4  | .3  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 9.3     | 8.7             |
| NNE         | .9   | 2.6  | 2.1  | .5   | .1  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 6.2     | 6.6             |
| E           | .6   | 1.1  | .7   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.4     | 4.9             |
| ESE         | .3   | .2   | .1   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .6      | 3.8             |
| SE          | .2   | .2   | .1   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .5      | 4.4             |
| SSE         | .6   | .8   | .1   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.5     | 4.1             |
| S           | 1.2  | 2.8  | 2.5  | 2.2  | .3  | .5  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 9.5     | 9.0             |
| SSW         | 1.1  | 2.2  | 2.4  | 2.1  | .7  | .6  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 8.9     | 9.7             |
| SW          | .3   | .8   | .9   | .9   | .3  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 3.1     | 9.4             |
| WSW         | .7   | .9   | .5   | .5   | .3  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.8     | 7.9             |
| W           | 1.0  | .3   | .1   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.4     | 3.1             |
| WNW         | .4   | .5   | .1   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.0     | 3.7             |
| NW          | 1.5  | 1.2  | .2   | .2   | .1  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 3.1     | 4.7             |
| NNW         | 1.6  | 3.2  | 2.1  | .8   | .3  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 7.9     | 6.7             |
| VAR         | .0   | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0      | .0              |
| CLM         | .0   | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 13.4    | .0              |
| ALL         | 14.2 | 26.2 | 24.3 | 15.0 | 5.2 | 1.5 | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 100.0   | 7.1             |

TOTAL NO. OF OBS : 1019

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |       | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|-----------------------|
|                | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |            |                       |
| N              | 1.4           | 2.4  | 2.8  | 3.7   | .6    | .0    | .0    | .0    | .0    | .0    | .0   | 10.9  | 9.3        |                       |
| NNE            | 3.6           | 5.1  | 6.3  | 3.7   | .8    | .3    | .0    | .0    | .0    | .0    | .0   | 19.8  | 7.9        |                       |
| NE             | 3.3           | 4.2  | 4.4  | 2.8   | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 15.0  | 7.1        |                       |
| ENE            | 2.8           | 1.2  | 1.2  | .7    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 6.0   | 5.1        |                       |
| E              | 5.2           | 3.1  | .3   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8.8   | 3.5        |                       |
| ESE            | .5            | .7   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.3   | 3.8        |                       |
| SE             | .3            | .8   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1   | 3.9        |                       |
| SSE            | 1.0           | .7   | .5   | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.6   | 5.7        |                       |
| S              | .7            | 1.2  | 3.2  | 2.2   | .3    | .1    | .2    | .0    | .0    | .0    | .0   | 7.9   | 10.0       |                       |
| SSW            | .2            | 2.5  | 3.5  | 2.6   | .7    | .3    | .2    | .0    | .0    | .0    | .0   | 9.9   | 10.5       |                       |
| SW             | .3            | .7   | 2.2  | 1.2   | .2    | .2    | .0    | .0    | .0    | .0    | .0   | 4.7   | 9.9        |                       |
| WSW            | .1            | .2   | .5   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 1.2   | 9.6        |                       |
| W              | .4            | .3   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 3.4        |                       |
| WNW            | .2            | .1   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    | 3.0        |                       |
| NW             | .3            | .2   | .2   | .3    | .1    | .0    | .1    | .0    | .0    | .0    | .0   | 1.2   | 9.3        |                       |
| NNW            | .4            | .8   | .8   | .6    | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 2.8   | 8.8        |                       |
| VAR            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |                       |
| CLM            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |                       |
| ALL            | 20.7          | 24.1 | 26.1 | 18.7  | 3.3   | .9    | .5    | .0    | .0    | .0    | .0   | 100.0 | 7.3        |                       |

TOTAL NO. OF OBS : 1018

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1    | 2    | 3    | 4    | 5   | 6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN       |
|--------|------|------|------|------|-----|----|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|
| DIR.   | 1    | 2    | 3    | 4    | 5   | 6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     | WIND SPEED |
| N      | 1.5  | 3.3  | 2.9  | 1.6  | .5  | .2 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 10.0  | 7.9        |
| NNE    | 2.3  | 3.7  | 3.9  | 3.4  | 1.6 | .1 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 15.0  | 9.1        |
| NE     | 2.0  | 2.9  | 3.3  | 2.1  | .3  | .1 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 10.7  | 7.8        |
| ENE    | 1.9  | 3.1  | 1.4  | .7   | .1  | .0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 7.2   | 5.9        |
| E      | 3.3  | 2.6  | .6   | .3   | .0  | .0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.9   | 4.3        |
| ESE    | 1.8  | 1.5  | .8   | .1   | .0  | .0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.1   | 4.6        |
| SE     | .6   | .6   | .6   | .3   | .0  | .0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.1   | 5.9        |
| SSE    | .6   | .9   | 1.4  | .5   | .1  | .0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.4   | 7.3        |
| S      | 1.2  | 2.1  | 4.6  | 4.0  | 1.1 | .1 | .1   | .1    | .1    | .1    | .1    | .1    | .1    | .1    | .1   | 13.1  | 10.2       |
| SSW    | .1   | 1.8  | 4.9  | 6.5  | 1.1 | .3 | .1   | .1    | .1    | .1    | .1    | .1    | .1    | .1    | .1   | 14.8  | 11.9       |
| SW     | .1   | .6   | 1.7  | 1.9  | .2  | .0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.4   | 10.6       |
| WSW    | .1   | .3   | .3   | .4   | .0  | .0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1   | 9.2        |
| W      | .0   | .0   | .2   | .1   | .2  | .0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .5    | 13.8       |
| WNW    | .1   | .2   | .1   | .0   | .0  | .0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4    | 5.3        |
| NW     | .2   | .1   | .0   | .2   | .1  | .1 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 12.3       |
| NNW    | .1   | .4   | .2   | .3   | .2  | .0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.2   | 9.4        |
| VAR    | .0   | .0   | .0   | .0   | .0  | .0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |
| CLM    | .0   | .0   | .0   | .0   | .0  | .0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.5   | .0         |
| ALL    | 15.7 | 24.1 | 26.9 | 22.3 | 5.4 | .9 | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 100.0 | 8.2        |

TOTAL NC. OF OBS : 1020

NOTES :  
 \* = PERCENT < .05

1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 PERIOD OF RECORD : 1953-1987 MONTH : JUN  
 CLASS : ALL WEATHER HOUP : 1500 LST  
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

|             |      | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |       | TOTAL |       | MEAN |
|-------------|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|------|
| 16 PT. DIR. |      | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     | WIND  | SPEED |      |
| N           | 1.3  | 1.8           | 1.4  | 1.3  | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.2   | 7.9   |       |      |
| NNE         | 2.0  | 2.4           | 2.3  | 2.8  | .8    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 10.4  | 8.8   |       |      |
| NE          | .6   | 1.3           | 2.8  | 1.4  | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.5   | 8.8   |       |      |
| NNE         | 1.2  | 1.7           | .9   | 1.3  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.0   | 7.0   |       |      |
| E           | 2.6  | 1.4           | .9   | .5   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.4   | 5.1   |       |      |
| ESE         | .8   | .8            | .2   | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   | 4.8   |       |      |
| SE          | .6   | .5            | .2   | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.6   | 5.5   |       |      |
| SSE         | .8   | 1.2           | 1.9  | 1.0  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.8   | 7.5   |       |      |
| S           | .9   | 3.5           | 8.0  | 7.5  | 1.4   | .5    | .0    | .0    | .0    | .0    | .0    | .0   | 21.8  | 10.3  |       |      |
| SSW         | .7   | 1.9           | 6.0  | 8.0  | 3.0   | .5    | .1    | .0    | .0    | .0    | .0    | .0   | 20.2  | 12.0  |       |      |
| SW          | .0   | .7            | 2.7  | 2.1  | .5    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 6.1   | 11.0  |       |      |
| WSW         | .2   | .8            | .9   | .9   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.9   | 9.0   |       |      |
| W           | .2   | .2            | .5   | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1   | 7.3   |       |      |
| WNW         | .1   | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .1    | 3.0   |       |      |
| NW          | .2   | .0            | .1   | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 10.1  |       |      |
| NNW         | .3   | .5            | .1   | .2   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.4   | 8.3   |       |      |
| VAR         | .0   | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0    |       |      |
| CLM         | .0   | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.9   | .0    |       |      |
| ALL         | 12.3 | 18.4          | 29.9 | 27.9 | 7.2   | 1.4   | .1    | .0    | .0    | .0    | .0    | .0   | 100.0 | 9.0   |       |      |

TOTAL NO. OF OBS : 1019

NOTES :  
 \* = PERCENT < .05

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : 1800 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |     |    |    |    |    |       | TOTAL | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|----|----|----|----|-------|-------|-----------------|
|             | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |    |    |    |    |       |       |                 |
| N           | .6            | .8    | .5   | 1.1   | .6    | .2    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 3.7   | 11.0  |                 |
| NNE         | .5            | 1.1   | 1.6  | 2.6   | .4    | .3    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 6.4   | 11.2  |                 |
| NE          | .4            | 1.2   | 2.2  | 1.4   | .6    | .2    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 5.9   | 10.4  |                 |
| NNE         | .4            | .9    | 1.4  | 1.1   | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 3.8   | 8.6   |                 |
| E           | .4            | 1.2   | 2.3  | 1.2   | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 5.0   | 8.0   |                 |
| ESE         | .7            | 1.0   | .9   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 2.9   | 6.8   |                 |
| SE          | .2            | .8    | 1.0  | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 2.1   | 6.5   |                 |
| SSE         | .5            | 1.6   | 1.6  | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 4.2   | 7.1   |                 |
| S           | 1.4           | 3.3   | 10.3 | 7.5   | 1.5   | .5    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 24.5  | 10.1  |                 |
| SSW         | 1.0           | 4.4   | 8.2  | 6.2   | 1.3   | .6    | .1    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 23.7  | 10.3  |                 |
| SW          | 1.0           | 1.4   | 2.8  | 2.0   | .6    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 7.7   | 9.2   |                 |
| WSW         | .7            | 1.0   | .9   | .7    | .1    | .1    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 3.4   | 7.9   |                 |
| W           | .2            | .5    | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 1.0   | 6.2   |                 |
| WNW         | .4            | .2    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | .6    | 3.5   |                 |
| NW          | .2            | .2    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | .4    | 3.3   |                 |
| NNW         | .3            | .3    | .4   | .5    | .1    | .1    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 1.7   | 9.6   |                 |
| VAR         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | .0    | .0    |                 |
| CLM         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 3.0   | .0    |                 |
| ALL         | 8.7           | 19.7  | 34.2 | 26.6  | 5.4   | 2.0   | .1    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0 | 100.0 | 9.2   |                 |

TOTAL NO. OF OBS : 1018

NOTES : \* = PERCENT < .05

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : 2100 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |     |       |      |  |  |  | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|--|--|--|------------|-----------------------|
|                | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |       |      |  |  |  |            |                       |
| N              | .2            | 1.1  | 1.2  | 1.1   | .6    | .4    | .0    | .0    | .0    | .0    | .0  | 4.5   | 11.2 |  |  |  |            |                       |
| NNE            | .6            | .8   | 2.2  | 2.2   | .9    | .4    | .0    | .0    | .0    | .0    | .0  | 7.0   | 11.3 |  |  |  |            |                       |
| NE             | .8            | 1.6  | 2.2  | 1.6   | .6    | .1    | .0    | .0    | .0    | .0    | .0  | 6.8   | 9.7  |  |  |  |            |                       |
| ENE            | 1.3           | 2.1  | 1.4  | 1.3   | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 6.1   | 7.0  |  |  |  |            |                       |
| E              | .9            | 2.8  | 2.3  | .6    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 6.6   | 6.5  |  |  |  |            |                       |
| ESE            | .5            | 1.2  | .5   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.5   | 5.6  |  |  |  |            |                       |
| SE             | .7            | .6   | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.6   | 4.4  |  |  |  |            |                       |
| SSE            | 1.6           | 2.3  | 1.1  | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 5.4   | 5.5  |  |  |  |            |                       |
| S              | 2.1           | 5.2  | 7.1  | 2.6   | .8    | .1    | .0    | .0    | .0    | .0    | .0  | 17.9  | 7.9  |  |  |  |            |                       |
| SSW            | 1.2           | 3.2  | 6.9  | 5.3   | 1.5   | .7    | .0    | .0    | .0    | .0    | .0  | 18.7  | 10.2 |  |  |  |            |                       |
| SW             | .9            | 1.7  | 2.4  | 2.6   | .5    | .1    | .0    | .0    | .0    | .0    | .0  | 8.0   | 9.5  |  |  |  |            |                       |
| WSW            | .8            | .7   | .9   | 1.1   | .0    | .1    | .0    | .0    | .0    | .0    | .0  | 3.5   | 8.4  |  |  |  |            |                       |
| W              | .0            | 1.1  | .0   | .2    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 1.4   | 6.9  |  |  |  |            |                       |
| WNW            | .3            | .3   | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .7    | 4.9  |  |  |  |            |                       |
| NW             | .2            | .4   | .5   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 1.3   | 6.9  |  |  |  |            |                       |
| NNW            | .2            | .9   | .5   | .9    | .0    | .0    | .1    | .0    | .0    | .0    | .0  | 2.6   | 9.6  |  |  |  |            |                       |
| VAR            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0   |  |  |  |            |                       |
| CLM            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 5.6   | .0   |  |  |  |            |                       |
| ALL            | 12.1          | 25.6 | 29.1 | 20.3  | 5.1   | 1.9   | .1    | .0    | .0    | .0    | .0  | 100.0 | 8.1  |  |  |  |            |                       |

TOTAL NO. OF OBS : 1019

NOTES : \* = PERCENT < .05



# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN. LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 PERIOD OF RECORD : 1953-1987 MONTH : JUN  
 CLASS : ALL WEATHER HOUR : ALL  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |       | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------|-----------------|
|             | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |         |                 |
| N           | 1.3           | 2.3  | 2.4  | 2.0   | .8    | .2    | .0    | .0    | .0    | .0    | .0   | 8.9   | 9.1     |                 |
| NNE         | 1.4           | 2.6  | 3.4  | 3.2   | .9    | .2    | .0    | .0    | .0    | .0    | .0   | 11.8  | 9.5     |                 |
| NE          | 1.3           | 2.2  | 3.1  | 2.0   | .4    | .1    | .0    | .0    | .0    | .0    | .0   | 9.0   | 8.5     |                 |
| ENE         | 1.4           | 2.0  | 1.4  | .9    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 5.7   | 6.6     |                 |
| E           | 1.8           | 2.0  | 1.1  | .4    | .0*   | .0    | .0*   | .0    | .0    | .0    | .0   | 5.3   | 5.3     |                 |
| ESE         | .7            | .7   | .4   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | 1.9   | 5.0     |                 |
| SE          | .4            | .5   | .3   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.3   | 5.2     |                 |
| SSE         | .9            | 1.2  | .9   | .4    | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | 3.3   | 6.1     |                 |
| S           | 1.4           | 3.3  | 5.2  | 3.8   | .7    | .3    | .1    | .0    | .0    | .0    | .0   | 14.7  | 9.2     |                 |
| SSW         | .9            | 2.9  | 5.4  | 4.6   | 1.3   | .4    | .1    | .0*   | .0    | .0    | .0   | 15.9  | 10.4    |                 |
| SW          | .5            | 1.2  | 2.0  | 1.7   | .3    | .1    | .0    | .0    | .0    | .0    | .0   | 5.8   | 9.4     |                 |
| WSW         | .4            | .7   | .7   | .6    | .2    | .0*   | .0    | .0    | .0    | .0    | .0   | 2.6   | 8.6     |                 |
| W           | .4            | .4   | .2   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | 1.2   | 6.0     |                 |
| WNW         | .3            | .3   | .1   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 4.0     |                 |
| NW          | .5            | .5   | .2   | .2    | .1    | .0*   | .0*   | .0    | .0    | .0    | .0   | 1.5   | 6.5     |                 |
| NNW         | .6            | 1.1  | .8   | .6    | .2    | .0*   | .0*   | .0    | .0    | .0    | .0   | 3.3   | 7.7     |                 |
| VAR         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0      |                 |
| CLM         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 7.0   | .0      |                 |
| LLL         | 14.1          | 23.9 | 27.5 | 20.7  | 5.0   | 1.4   | .2    | .0*   | .0    | .0    | .0   | 100.0 | 7.9     |                 |

TOTAL NO. OF OBS : 8152

NOTES : \* = PERCENT < .05

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : 0000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | >=1  | 1/2  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |
| UNLIMIT | 11.6                       | 20.0 | 21.3 | 22.3 | 22.9 | 23.0 | 23.0 | 23.1 | 23.1 | 23.1 | 23.1 | 23.1  | 23.1  | 23.1  | 23.1   | 23.1  | 23.1  |
| >=20000 | 12.8                       | 23.3 | 24.9 | 26.4 | 27.2 | 27.5 | 27.5 | 27.6 | 27.6 | 27.7 | 27.7 | 27.7  | 27.7  | 27.7  | 27.7   | 27.7  | 27.7  |
| >=18000 | 12.8                       | 23.7 | 25.3 | 26.8 | 27.6 | 27.9 | 27.9 | 28.0 | 28.0 | 28.1 | 28.1 | 28.1  | 28.1  | 28.1  | 28.1   | 28.1  | 28.1  |
| >=16000 | 12.9                       | 23.8 | 25.4 | 26.9 | 27.7 | 28.0 | 28.0 | 28.1 | 28.1 | 28.2 | 28.2 | 28.2  | 28.2  | 28.2  | 28.2   | 28.2  | 28.2  |
| >=14000 | 13.6                       | 25.4 | 27.2 | 28.6 | 29.4 | 29.7 | 29.8 | 29.9 | 29.9 | 30.1 | 30.1 | 30.1  | 30.1  | 30.1  | 30.1   | 30.1  | 30.1  |
| >=12000 | 14.9                       | 27.6 | 29.3 | 31.0 | 31.9 | 32.2 | 32.3 | 32.4 | 32.4 | 32.5 | 32.5 | 32.5  | 32.5  | 32.5  | 32.5   | 32.5  | 32.5  |
| >=10000 | 18.1                       | 32.8 | 34.7 | 36.5 | 37.6 | 38.1 | 38.3 | 38.5 | 38.5 | 38.6 | 38.6 | 38.6  | 38.6  | 38.6  | 38.6   | 38.6  | 38.6  |
| >= 9000 | 19.0                       | 34.8 | 36.6 | 38.5 | 39.6 | 40.0 | 40.2 | 40.4 | 40.4 | 40.5 | 40.5 | 40.5  | 40.5  | 40.5  | 40.5   | 40.5  | 40.5  |
| >= 8000 | 21.0                       | 39.4 | 41.2 | 43.1 | 44.6 | 45.0 | 45.3 | 45.5 | 45.5 | 45.6 | 45.6 | 45.6  | 45.6  | 45.6  | 45.6   | 45.6  | 45.6  |
| >= 7000 | 22.4                       | 41.3 | 43.3 | 45.1 | 46.8 | 47.2 | 47.7 | 47.9 | 47.9 | 48.0 | 48.0 | 48.0  | 48.0  | 48.0  | 48.0   | 48.0  | 48.0  |
| >= 6000 | 22.7                       | 41.6 | 43.7 | 45.6 | 47.3 | 47.7 | 48.2 | 48.5 | 48.5 | 48.6 | 48.6 | 48.6  | 48.6  | 48.6  | 48.6   | 48.6  | 48.6  |
| >= 5000 | 23.7                       | 43.8 | 46.2 | 48.2 | 49.8 | 50.3 | 50.9 | 51.2 | 51.2 | 51.3 | 51.3 | 51.3  | 51.3  | 51.3  | 51.3   | 51.3  | 51.3  |
| >= 4500 | 24.5                       | 45.1 | 47.6 | 49.6 | 51.3 | 51.7 | 52.4 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8  | 52.8  | 52.8  | 52.8   | 52.8  | 52.8  |
| >= 4000 | 26.9                       | 50.4 | 53.3 | 55.8 | 57.5 | 57.9 | 58.7 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2  | 59.2  | 59.2  | 59.2   | 59.2  | 59.2  |
| >= 3500 | 28.2                       | 52.5 | 55.7 | 58.3 | 60.1 | 60.5 | 61.2 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7  | 61.7  | 61.7  | 61.7   | 61.7  | 61.7  |
| >= 3000 | 30.9                       | 58.9 | 62.5 | 65.7 | 68.1 | 68.5 | 69.5 | 69.9 | 69.9 | 70.2 | 70.2 | 70.2  | 70.2  | 70.2  | 70.2   | 70.2  | 70.2  |
| >= 2500 | 32.2                       | 61.2 | 64.9 | 68.5 | 71.2 | 71.7 | 72.8 | 73.2 | 73.2 | 73.4 | 73.4 | 73.4  | 73.4  | 73.4  | 73.4   | 73.4  | 73.4  |
| >= 2000 | 33.6                       | 64.7 | 68.6 | 73.4 | 76.4 | 76.9 | 78.1 | 78.6 | 78.8 | 79.0 | 79.0 | 79.0  | 79.0  | 79.1  | 79.1   | 79.1  | 79.1  |
| >= 1800 | 33.6                       | 64.8 | 68.7 | 73.5 | 76.6 | 77.1 | 78.3 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2  | 79.2  | 79.3  | 79.3   | 79.3  | 79.3  |
| >= 1500 | 34.7                       | 67.2 | 71.4 | 76.5 | 80.1 | 80.6 | 82.4 | 83.1 | 83.1 | 83.7 | 83.7 | 83.7  | 83.7  | 83.9  | 83.9   | 83.9  | 83.9  |
| >= 1200 | 34.9                       | 67.7 | 71.9 | 77.0 | 80.8 | 81.3 | 83.2 | 83.9 | 83.9 | 84.5 | 84.5 | 84.6  | 84.6  | 84.8  | 84.8   | 84.8  | 84.8  |
| >= 1000 | 35.4                       | 69.8 | 74.4 | 80.3 | 84.7 | 85.3 | 87.5 | 88.3 | 88.4 | 89.6 | 89.6 | 89.7  | 89.7  | 90.2  | 90.2   | 90.2  | 90.2  |
| >= 900  | 35.4                       | 69.8 | 74.4 | 80.3 | 84.8 | 85.4 | 87.6 | 88.4 | 88.5 | 89.8 | 89.8 | 89.9  | 89.9  | 90.4  | 90.4   | 90.4  | 90.4  |
| >= 800  | 36.0                       | 71.1 | 76.0 | 82.5 | 87.2 | 87.8 | 90.1 | 90.9 | 91.0 | 92.7 | 92.7 | 92.8  | 92.8  | 93.2  | 93.2   | 93.2  | 93.2  |
| >= 700  | 36.1                       | 71.3 | 76.2 | 82.8 | 87.6 | 88.2 | 90.5 | 91.3 | 91.4 | 93.1 | 93.1 | 93.2  | 93.2  | 93.6  | 93.6   | 93.6  | 93.6  |
| >= 600  | 36.2                       | 71.7 | 76.6 | 83.5 | 88.4 | 89.0 | 91.3 | 92.4 | 92.5 | 94.7 | 94.7 | 94.8  | 94.8  | 95.3  | 95.3   | 95.3  | 95.3  |
| >= 500  | 36.5                       | 72.4 | 77.4 | 84.5 | 89.9 | 90.6 | 93.0 | 94.3 | 94.4 | 96.5 | 96.5 | 96.6  | 96.6  | 97.1  | 97.1   | 97.1  | 97.1  |
| >= 400  | 36.6                       | 72.5 | 77.5 | 84.6 | 90.3 | 90.9 | 93.4 | 94.7 | 94.8 | 97.0 | 97.0 | 97.5  | 97.5  | 98.4  | 98.4   | 98.4  | 98.4  |
| >= 300  | 36.6                       | 72.6 | 77.6 | 84.7 | 90.4 | 91.0 | 93.6 | 94.9 | 95.0 | 97.2 | 97.2 | 97.8  | 97.8  | 99.0  | 99.0   | 99.0  | 99.0  |
| >= 200  | 36.6                       | 72.7 | 77.7 | 84.8 | 90.5 | 91.1 | 93.7 | 95.0 | 95.1 | 97.3 | 97.3 | 97.9  | 97.9  | 99.4  | 99.4   | 99.4  | 99.4  |
| >= 100  | 36.6                       | 72.8 | 77.8 | 84.9 | 90.6 | 91.2 | 93.8 | 95.1 | 95.2 | 97.4 | 97.4 | 98.1  | 98.2  | 99.6  | 99.6   | 99.6  | 99.6  |
| >= 0    | 36.6                       | 72.8 | 77.8 | 84.9 | 90.6 | 91.2 | 93.8 | 95.2 | 95.3 | 97.5 | 97.5 | 98.2  | 98.4  | 99.8  | 99.8   | 99.8  | 100.0 |

TOTAL NO. OF OBS : 975

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : 0300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=1/4 |
| UNLIMIT | 9.3                        | 17.9 | 19.2 | 20.4 | 21.2 | 21.3    | 21.7 | 21.7    | 21.7 | 21.7  |
| >=20000 | 9.6                        | 20.2 | 22.1 | 23.5 | 24.5 | 24.6    | 25.0 | 25.2    | 25.2 | 25.2  |
| >=18000 | 9.6                        | 20.3 | 22.2 | 23.7 | 24.7 | 24.8    | 25.2 | 25.4    | 25.4 | 25.4  |
| >=16000 | 9.8                        | 20.5 | 22.5 | 23.9 | 24.9 | 25.0    | 25.5 | 25.7    | 25.7 | 25.7  |
| >=14000 | 10.0                       | 21.0 | 23.0 | 24.5 | 25.5 | 25.6    | 26.4 | 26.4    | 26.4 | 26.4  |
| >=12000 | 11.5                       | 23.3 | 25.3 | 27.0 | 28.2 | 28.3    | 28.9 | 29.1    | 29.2 | 29.2  |
| >=10000 | 14.6                       | 28.1 | 30.4 | 32.3 | 33.7 | 33.9    | 34.6 | 34.9    | 35.0 | 35.0  |
| >= 9000 | 15.1                       | 29.6 | 31.9 | 34.1 | 35.4 | 35.6    | 36.4 | 36.7    | 36.8 | 36.8  |
| >= 8000 | 17.2                       | 34.2 | 36.9 | 39.3 | 41.0 | 41.2    | 42.3 | 42.3    | 42.4 | 42.4  |
| >= 7000 | 18.4                       | 35.9 | 39.3 | 41.8 | 43.5 | 43.8    | 44.6 | 44.9    | 45.0 | 45.0  |
| >= 6000 | 18.7                       | 36.6 | 40.0 | 42.4 | 44.1 | 44.5    | 45.3 | 45.6    | 45.7 | 45.7  |
| >= 5000 | 20.1                       | 38.7 | 42.1 | 44.6 | 46.3 | 46.9    | 47.8 | 48.3    | 48.4 | 48.4  |
| >= 4500 | 20.8                       | 40.1 | 43.5 | 45.9 | 47.7 | 48.2    | 49.1 | 49.6    | 49.7 | 49.7  |
| >= 4000 | 23.1                       | 44.9 | 48.6 | 51.1 | 53.1 | 53.7    | 54.8 | 55.4    | 55.7 | 55.7  |
| >= 3500 | 24.7                       | 47.8 | 51.6 | 54.1 | 56.4 | 57.0    | 58.1 | 58.7    | 59.0 | 59.0  |
| >= 3000 | 28.1                       | 55.2 | 59.7 | 62.8 | 65.5 | 66.0    | 67.3 | 68.4    | 68.8 | 68.8  |
| >= 2500 | 29.2                       | 57.0 | 61.6 | 65.1 | 68.0 | 68.5    | 69.8 | 71.1    | 71.6 | 71.6  |
| >= 2000 | 30.3                       | 60.6 | 65.4 | 69.8 | 73.3 | 73.9    | 75.6 | 77.0    | 77.9 | 77.9  |
| >= 1800 | 30.3                       | 60.7 | 65.5 | 69.9 | 73.4 | 74.0    | 75.7 | 77.1    | 78.0 | 78.0  |
| >= 1500 | 31.6                       | 62.9 | 68.2 | 73.6 | 77.5 | 78.3    | 80.3 | 81.9    | 83.1 | 83.2  |
| >= 1200 | 31.9                       | 63.4 | 68.7 | 74.2 | 78.5 | 79.2    | 81.3 | 82.8    | 84.0 | 84.1  |
| >= 1000 | 32.5                       | 66.1 | 71.9 | 78.2 | 83.1 | 83.8    | 86.2 | 87.7    | 89.2 | 89.4  |
| >= 900  | 32.5                       | 66.1 | 71.9 | 78.2 | 83.1 | 83.8    | 86.3 | 87.8    | 89.3 | 89.6  |
| >= 800  | 32.7                       | 66.9 | 72.9 | 79.7 | 85.3 | 86.0    | 88.8 | 90.3    | 91.9 | 92.4  |
| >= 700  | 32.9                       | 67.1 | 73.2 | 80.2 | 85.9 | 86.6    | 89.4 | 91.0    | 92.6 | 93.1  |
| >= 600  | 32.9                       | 67.4 | 73.4 | 80.6 | 86.5 | 87.3    | 90.4 | 92.2    | 93.7 | 94.2  |
| >= 500  | 33.0                       | 67.8 | 73.8 | 81.3 | 87.6 | 88.6    | 92.0 | 93.8    | 95.4 | 96.5  |
| >= 400  | 33.0                       | 67.8 | 73.8 | 81.4 | 88.0 | 88.9    | 92.5 | 94.4    | 96.0 | 97.6  |
| >= 300  | 33.0                       | 67.8 | 73.8 | 81.4 | 88.0 | 88.9    | 92.7 | 94.7    | 96.3 | 98.1  |
| >= 200  | 33.0                       | 67.8 | 73.8 | 81.4 | 88.0 | 88.9    | 92.7 | 94.7    | 96.4 | 98.2  |
| >= 100  | 33.0                       | 67.8 | 73.8 | 81.4 | 88.1 | 89.0    | 92.8 | 94.9    | 96.6 | 98.9  |
| >= 0    | 33.0                       | 67.8 | 73.8 | 81.4 | 88.1 | 89.0    | 92.9 | 95.0    | 96.7 | 99.6  |

TOTAL NO. OF OBS : 971

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : 0600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 3.3                        | 8.6  | 10.4 | 12.6 | 14.1 | 14.6 | 15.7 | 16.2 | 16.4 | 17.0 |
| >=20000 | 3.7                        | 10.7 | 12.9 | 15.7 | 17.6 | 18.3 | 19.9 | 20.5 | 20.7 | 21.4 |
| >=18000 | 3.7                        | 10.7 | 12.9 | 15.7 | 17.6 | 18.3 | 19.9 | 20.5 | 20.7 | 21.4 |
| >=16000 | 3.8                        | 10.8 | 13.0 | 15.8 | 17.8 | 18.5 | 20.1 | 20.7 | 20.9 | 21.6 |
| >=14000 | 4.2                        | 11.4 | 13.8 | 16.7 | 19.0 | 19.7 | 21.5 | 22.2 | 22.4 | 23.1 |
| >=12000 | 5.3                        | 12.9 | 15.4 | 18.6 | 20.9 | 21.8 | 23.7 | 24.3 | 24.5 | 25.2 |
| >=10000 | 6.6                        | 15.7 | 18.7 | 22.7 | 25.5 | 26.5 | 28.8 | 29.6 | 29.8 | 30.7 |
| >= 9000 | 6.8                        | 16.3 | 19.4 | 23.5 | 26.4 | 27.3 | 29.7 | 30.7 | 30.9 | 31.7 |
| >= 8000 | 8.3                        | 20.2 | 24.2 | 28.5 | 31.9 | 33.0 | 35.7 | 36.8 | 37.0 | 37.9 |
| >= 7000 | 8.6                        | 21.1 | 25.2 | 29.9 | 33.5 | 34.9 | 37.6 | 39.0 | 39.2 | 40.3 |
| >= 6000 | 9.1                        | 22.3 | 26.4 | 31.4 | 35.0 | 36.3 | 39.2 | 40.5 | 40.7 | 41.8 |
| >= 5000 | 10.5                       | 24.3 | 28.6 | 33.8 | 37.6 | 39.2 | 42.1 | 43.6 | 43.8 | 45.0 |
| >= 4500 | 11.0                       | 25.0 | 29.3 | 34.8 | 38.6 | 40.1 | 43.0 | 44.5 | 44.7 | 46.1 |
| >= 4000 | 12.2                       | 28.2 | 33.0 | 39.1 | 43.2 | 44.7 | 47.8 | 49.5 | 49.7 | 51.1 |
| >= 3500 | 13.1                       | 30.7 | 35.7 | 42.2 | 46.4 | 47.9 | 51.2 | 52.9 | 53.1 | 54.5 |
| >= 3000 | 14.4                       | 35.4 | 41.3 | 48.4 | 53.5 | 55.1 | 58.9 | 60.6 | 60.9 | 62.4 |
| >= 2500 | 15.2                       | 37.3 | 43.5 | 51.0 | 56.6 | 58.3 | 62.3 | 64.3 | 64.6 | 66.1 |
| >= 2000 | 16.2                       | 39.7 | 46.4 | 54.7 | 61.0 | 62.7 | 67.0 | 69.3 | 69.8 | 71.7 |
| >= 1800 | 16.3                       | 39.8 | 46.5 | 54.8 | 61.1 | 62.8 | 67.1 | 69.4 | 69.9 | 71.8 |
| >= 1500 | 17.0                       | 42.2 | 49.4 | 58.7 | 65.3 | 67.1 | 71.8 | 74.8 | 75.3 | 77.3 |
| >= 1200 | 17.3                       | 42.8 | 50.2 | 59.5 | 66.2 | 68.0 | 72.8 | 76.0 | 76.5 | 78.6 |
| >= 1000 | 17.5                       | 43.9 | 51.9 | 62.3 | 69.6 | 71.6 | 77.0 | 80.5 | 81.0 | 83.7 |
| >= 900  | 17.5                       | 43.9 | 51.9 | 62.3 | 69.6 | 71.6 | 77.1 | 80.6 | 81.1 | 83.8 |
| >= 800  | 17.8                       | 45.0 | 53.3 | 64.3 | 72.3 | 74.4 | 80.5 | 84.2 | 84.8 | 88.0 |
| >= 700  | 17.8                       | 45.2 | 53.6 | 64.6 | 72.8 | 74.9 | 81.1 | 84.9 | 85.5 | 88.8 |
| >= 600  | 18.1                       | 45.5 | 54.1 | 65.1 | 73.5 | 75.7 | 81.9 | 85.7 | 86.4 | 89.8 |
| >= 500  | 18.3                       | 46.1 | 54.7 | 66.1 | 74.7 | 76.8 | 83.2 | 87.1 | 87.7 | 91.7 |
| >= 400  | 18.3                       | 46.1 | 54.7 | 66.2 | 74.8 | 77.0 | 83.8 | 87.9 | 88.6 | 92.8 |
| >= 300  | 18.3                       | 46.1 | 54.7 | 66.2 | 74.8 | 77.0 | 83.8 | 88.0 | 88.7 | 93.0 |
| >= 200  | 18.4                       | 46.3 | 54.9 | 66.5 | 75.1 | 77.3 | 84.1 | 88.5 | 89.2 | 93.8 |
| >= 100  | 18.4                       | 46.3 | 54.9 | 66.5 | 75.1 | 77.3 | 84.1 | 88.5 | 89.2 | 93.8 |
| >= 0    | 18.4                       | 46.3 | 54.9 | 66.5 | 75.1 | 77.3 | 84.1 | 88.5 | 89.2 | 93.8 |

>=1/2 >=5/16 >=1/4 >=0

TOTAL NO. OF OBS : 975

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : 0900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|
|         | >=10                       | >6   | >5   | >4   | >3   | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 |
| UNLIMIT | 3.7                        | 12.2 | 14.2 | 15.9 | 17.6 | 18.2 | 19.7 | 20.4 | 20.4 | 21.2 | 20.4 | 21.2 | 21.2  | 21.2  | 21.2  | 21.2   |
| >=20000 | 4.2                        | 14.8 | 17.3 | 19.6 | 21.8 | 22.6 | 24.4 | 25.4 | 25.4 | 26.3 | 25.4 | 26.3 | 26.4  | 26.4  | 26.4  | 26.4   |
| >=18000 | 4.3                        | 14.9 | 17.4 | 19.7 | 21.9 | 22.7 | 24.5 | 25.5 | 25.5 | 26.4 | 25.5 | 26.4 | 26.5  | 26.5  | 26.5  | 26.5   |
| >=16000 | 4.3                        | 14.9 | 17.4 | 19.7 | 21.9 | 22.7 | 24.5 | 25.5 | 25.5 | 26.4 | 25.5 | 26.4 | 26.5  | 26.5  | 26.5  | 26.5   |
| >=14000 | 4.9                        | 15.7 | 18.2 | 20.6 | 23.1 | 24.0 | 26.0 | 26.9 | 26.9 | 28.1 | 26.9 | 28.1 | 28.2  | 28.2  | 28.2  | 28.2   |
| >=12000 | 6.2                        | 18.0 | 20.8 | 23.4 | 26.1 | 27.1 | 29.1 | 30.3 | 30.4 | 31.6 | 30.3 | 31.8 | 31.9  | 31.9  | 31.9  | 31.9   |
| >=10000 | 7.8                        | 21.8 | 25.3 | 28.1 | 31.1 | 32.4 | 34.6 | 36.1 | 36.2 | 37.5 | 36.2 | 37.8 | 37.8  | 37.8  | 37.8  | 37.8   |
| >=9000  | 7.9                        | 21.9 | 25.5 | 28.3 | 31.4 | 32.7 | 34.9 | 36.4 | 36.5 | 37.8 | 36.5 | 38.1 | 38.3  | 38.3  | 38.3  | 38.3   |
| >=8000  | 8.6                        | 24.4 | 28.7 | 32.0 | 35.6 | 36.9 | 39.3 | 41.1 | 41.2 | 42.6 | 41.1 | 42.9 | 43.2  | 43.2  | 43.2  | 43.2   |
| >=7000  | 9.1                        | 25.9 | 30.3 | 33.6 | 37.3 | 38.7 | 41.3 | 43.1 | 43.2 | 44.5 | 43.1 | 44.9 | 45.3  | 45.3  | 45.3  | 45.3   |
| >=6000  | 9.4                        | 26.4 | 30.8 | 34.2 | 37.9 | 39.4 | 42.0 | 43.8 | 43.9 | 45.3 | 43.8 | 45.6 | 46.0  | 46.0  | 46.0  | 46.0   |
| >=5000  | 10.2                       | 28.6 | 33.0 | 36.8 | 41.0 | 42.6 | 45.2 | 47.0 | 47.1 | 48.4 | 47.0 | 48.8 | 49.4  | 49.4  | 49.4  | 49.4   |
| >=4500  | 10.7                       | 29.9 | 34.4 | 38.2 | 42.3 | 43.9 | 46.9 | 48.6 | 48.7 | 50.1 | 48.6 | 50.5 | 51.0  | 51.0  | 51.0  | 51.0   |
| >=4000  | 12.1                       | 34.1 | 39.3 | 43.8 | 48.3 | 50.2 | 53.4 | 55.2 | 55.3 | 56.8 | 55.3 | 57.3 | 57.9  | 57.9  | 57.9  | 57.9   |
| >=3500  | 12.6                       | 36.1 | 41.5 | 46.1 | 50.8 | 52.8 | 56.1 | 58.0 | 58.3 | 59.7 | 58.0 | 60.3 | 60.8  | 60.8  | 60.8  | 60.8   |
| >=3000  | 14.0                       | 39.7 | 45.6 | 50.6 | 56.1 | 58.1 | 61.5 | 63.7 | 64.0 | 65.5 | 63.7 | 66.2 | 66.9  | 66.9  | 66.9  | 66.9   |
| >=2500  | 14.7                       | 41.4 | 47.6 | 53.0 | 58.7 | 60.7 | 64.2 | 66.5 | 66.8 | 68.8 | 66.8 | 69.5 | 70.1  | 70.1  | 70.1  | 70.1   |
| >=2000  | 15.2                       | 44.2 | 50.9 | 56.9 | 62.8 | 64.9 | 69.0 | 71.3 | 71.6 | 74.1 | 71.6 | 74.9 | 75.8  | 75.8  | 75.8  | 75.8   |
| >=1800  | 15.2                       | 44.2 | 50.9 | 56.9 | 62.8 | 64.9 | 69.0 | 71.3 | 71.6 | 74.1 | 71.6 | 74.9 | 75.8  | 75.8  | 75.8  | 75.8   |
| >=1500  | 15.6                       | 46.1 | 53.4 | 59.7 | 66.4 | 68.6 | 72.9 | 75.3 | 75.7 | 78.5 | 75.7 | 79.5 | 80.4  | 80.4  | 80.4  | 80.4   |
| >=1200  | 15.6                       | 46.5 | 54.1 | 60.7 | 67.4 | 69.6 | 73.9 | 76.4 | 76.8 | 79.8 | 76.8 | 80.7 | 81.7  | 81.7  | 81.7  | 81.7   |
| >=1000  | 15.9                       | 48.6 | 56.6 | 63.7 | 71.1 | 73.4 | 78.4 | 81.7 | 82.3 | 85.6 | 82.3 | 86.8 | 88.3  | 88.3  | 88.3  | 88.3   |
| >=900   | 15.9                       | 48.6 | 56.6 | 63.7 | 71.1 | 73.4 | 78.4 | 81.7 | 82.3 | 85.6 | 82.3 | 86.8 | 88.3  | 88.3  | 88.3  | 88.3   |
| >=800   | 16.1                       | 49.6 | 57.9 | 65.3 | 73.1 | 75.6 | 80.7 | 84.1 | 84.8 | 88.9 | 84.8 | 90.3 | 92.0  | 92.0  | 92.0  | 92.0   |
| >=700   | 16.2                       | 49.7 | 58.0 | 65.4 | 73.4 | 76.0 | 81.3 | 84.7 | 85.4 | 89.5 | 85.4 | 91.1 | 92.9  | 92.9  | 92.9  | 92.9   |
| >=600   | 16.2                       | 49.8 | 58.3 | 65.8 | 74.1 | 76.8 | 82.3 | 86.0 | 86.8 | 91.1 | 86.8 | 92.7 | 94.5  | 94.5  | 94.5  | 94.5   |
| >=500   | 16.2                       | 49.9 | 58.6 | 66.4 | 74.7 | 77.6 | 83.1 | 87.3 | 88.2 | 93.5 | 88.2 | 95.1 | 96.9  | 96.9  | 96.9  | 96.9   |
| >=400   | 16.2                       | 49.9 | 58.7 | 66.5 | 74.9 | 77.8 | 83.5 | 87.9 | 88.8 | 94.1 | 88.8 | 95.8 | 97.0  | 97.0  | 97.0  | 97.0   |
| >=300   | 16.2                       | 50.0 | 58.8 | 66.6 | 75.1 | 78.0 | 83.5 | 88.6 | 89.4 | 94.9 | 89.4 | 96.6 | 98.1  | 98.1  | 98.1  | 98.1   |
| >=200   | 16.2                       | 50.1 | 58.9 | 66.7 | 75.2 | 78.1 | 84.0 | 88.7 | 89.5 | 95.0 | 89.5 | 96.8 | 98.2  | 98.2  | 98.2  | 98.2   |
| >=100   | 16.2                       | 50.1 | 58.9 | 66.7 | 75.2 | 78.1 | 84.0 | 88.7 | 89.5 | 95.0 | 89.5 | 96.8 | 98.2  | 98.2  | 98.2  | 98.2   |
| >=0     | 16.2                       | 50.1 | 58.9 | 66.7 | 75.2 | 78.1 | 84.0 | 88.7 | 89.5 | 95.0 | 89.5 | 96.8 | 98.2  | 98.2  | 98.2  | 98.2   |

TOTAL NO. OF OBS : 954

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : 1200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
|         | >=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   |
| UNLIMIT | 7.1                        | 18.5 | 20.4 | 22.0 | 22.8 | 23.2    | 23.6 | 23.6    | 23.6    | 23.7 | 23.7  | 23.7  | 23.7  | 23.7   | 23.7  | 23.7  |
| >=20000 | 7.9                        | 23.3 | 25.8 | 28.3 | 29.7 | 30.2    | 30.9 | 31.0    | 31.0    | 31.1 | 31.1  | 31.1  | 31.1  | 31.1   | 31.1  | 31.1  |
| >=18000 | 7.9                        | 23.4 | 25.9 | 28.4 | 29.8 | 30.3    | 31.0 | 31.1    | 31.1    | 31.2 | 31.2  | 31.2  | 31.2  | 31.2   | 31.2  | 31.2  |
| >=16000 | 7.9                        | 23.4 | 25.9 | 28.5 | 30.0 | 30.5    | 31.2 | 31.3    | 31.3    | 31.5 | 31.5  | 31.5  | 31.5  | 31.5   | 31.5  | 31.5  |
| >=14000 | 8.7                        | 24.7 | 27.3 | 30.0 | 31.7 | 32.3    | 33.2 | 33.3    | 33.3    | 33.4 | 33.4  | 33.4  | 33.4  | 33.4   | 33.4  | 33.4  |
| >=12000 | 9.6                        | 28.8 | 31.9 | 34.8 | 36.6 | 37.3    | 38.3 | 38.8    | 38.8    | 38.9 | 38.9  | 38.9  | 38.9  | 38.9   | 38.9  | 38.9  |
| >=10000 | 11.4                       | 32.6 | 36.4 | 39.6 | 41.8 | 42.6    | 44.0 | 44.5    | 44.5    | 44.6 | 44.6  | 44.6  | 44.6  | 44.6   | 44.6  | 44.6  |
| >=9000  | 11.7                       | 33.1 | 36.9 | 40.1 | 42.4 | 43.3    | 44.6 | 45.2    | 45.2    | 45.4 | 45.4  | 45.4  | 45.4  | 45.4   | 45.4  | 45.4  |
| >=8000  | 13.5                       | 37.7 | 42.0 | 46.0 | 48.7 | 49.5    | 51.3 | 52.0    | 52.0    | 52.1 | 52.1  | 52.2  | 52.2  | 52.2   | 52.2  | 52.2  |
| >=7000  | 14.2                       | 39.4 | 44.0 | 48.1 | 51.0 | 51.9    | 53.8 | 54.6    | 54.6    | 54.8 | 54.8  | 54.9  | 54.9  | 54.9   | 54.9  | 54.9  |
| >=6000  | 14.4                       | 39.7 | 44.3 | 48.5 | 51.4 | 52.4    | 54.2 | 55.1    | 55.1    | 55.2 | 55.3  | 55.4  | 55.4  | 55.4   | 55.4  | 55.4  |
| >=5000  | 15.0                       | 41.8 | 46.6 | 51.0 | 54.2 | 55.2    | 57.1 | 58.0    | 58.0    | 58.2 | 58.3  | 58.4  | 58.6  | 58.6   | 58.6  | 58.6  |
| >=4500  | 15.2                       | 42.7 | 47.8 | 52.1 | 55.5 | 56.4    | 58.3 | 59.2    | 59.2    | 59.5 | 59.6  | 59.7  | 59.9  | 59.9   | 59.9  | 59.9  |
| >=4000  | 16.4                       | 46.3 | 51.9 | 56.8 | 60.2 | 61.3    | 63.3 | 64.3    | 64.3    | 64.6 | 64.8  | 64.9  | 65.1  | 65.1   | 65.1  | 65.1  |
| >=3500  | 16.7                       | 47.4 | 53.2 | 58.3 | 61.9 | 63.0    | 65.1 | 66.0    | 66.0    | 66.4 | 66.6  | 66.7  | 66.9  | 66.9   | 66.9  | 66.9  |
| >=3000  | 17.7                       | 49.9 | 56.7 | 62.4 | 66.2 | 67.4    | 70.1 | 71.1    | 71.1    | 71.4 | 71.7  | 71.8  | 72.1  | 72.1   | 72.1  | 72.1  |
| >=2500  | 18.5                       | 51.8 | 59.0 | 64.9 | 69.1 | 70.3    | 73.0 | 74.1    | 74.2    | 74.7 | 75.0  | 75.1  | 75.4  | 75.4   | 75.4  | 75.4  |
| >=2000  | 19.1                       | 55.0 | 62.9 | 69.6 | 74.3 | 75.9    | 79.1 | 80.4    | 80.5    | 81.2 | 81.6  | 81.7  | 82.0  | 82.0   | 82.0  | 82.0  |
| >=1500  | 19.5                       | 56.6 | 65.0 | 72.6 | 78.0 | 79.7    | 83.2 | 84.5    | 84.6    | 85.5 | 85.9  | 86.0  | 86.3  | 86.3   | 86.3  | 86.3  |
| >=1200  | 19.6                       | 56.9 | 65.3 | 73.1 | 78.5 | 80.3    | 83.7 | 85.1    | 85.2    | 86.0 | 86.4  | 86.6  | 86.9  | 86.9   | 86.9  | 86.9  |
| >=1000  | 20.2                       | 58.5 | 67.4 | 75.9 | 81.5 | 83.3    | 87.5 | 89.3    | 89.7    | 90.9 | 91.4  | 91.6  | 92.1  | 92.1   | 92.1  | 92.1  |
| >=900   | 20.2                       | 58.6 | 67.5 | 76.0 | 81.6 | 83.4    | 87.7 | 89.6    | 89.9    | 91.1 | 91.6  | 91.8  | 92.3  | 92.3   | 92.3  | 92.3  |
| >=800   | 20.7                       | 59.5 | 68.8 | 77.4 | 83.3 | 85.2    | 89.8 | 91.8    | 92.3    | 93.6 | 94.4  | 94.6  | 95.2  | 95.2   | 95.2  | 95.2  |
| >=700   | 20.7                       | 59.5 | 68.8 | 77.4 | 83.4 | 85.3    | 89.9 | 92.1    | 92.5    | 93.9 | 94.7  | 94.9  | 95.5  | 95.5   | 95.5  | 95.5  |
| >=600   | 20.7                       | 59.6 | 69.0 | 77.7 | 83.8 | 85.8    | 90.6 | 93.0    | 93.4    | 95.0 | 95.7  | 95.9  | 96.7  | 96.7   | 96.7  | 96.7  |
| >=500   | 20.8                       | 59.9 | 69.3 | 78.3 | 84.5 | 86.5    | 91.6 | 94.4    | 94.8    | 96.8 | 97.6  | 97.8  | 98.5  | 98.5   | 98.6  | 98.6  |
| >=400   | 20.8                       | 59.9 | 69.3 | 78.3 | 84.8 | 86.8    | 92.3 | 95.0    | 95.4    | 97.5 | 98.3  | 98.5  | 99.3  | 99.3   | 99.5  | 99.5  |
| >=300   | 20.8                       | 59.9 | 69.3 | 78.3 | 84.8 | 86.8    | 92.3 | 95.0    | 95.4    | 97.5 | 98.3  | 98.5  | 99.4  | 99.4   | 99.7  | 99.8  |
| >=200   | 20.8                       | 59.9 | 69.3 | 78.3 | 84.8 | 86.8    | 92.3 | 95.0    | 95.4    | 97.5 | 98.3  | 98.5  | 99.4  | 99.4   | 99.8  | 99.9  |
| >=100   | 20.8                       | 59.9 | 69.3 | 78.3 | 84.8 | 86.8    | 92.3 | 95.0    | 95.4    | 97.5 | 98.3  | 98.5  | 99.4  | 99.4   | 99.8  | 100.0 |
| >=0     | 20.8                       | 59.9 | 69.3 | 78.3 | 84.8 | 86.8    | 92.3 | 95.0    | 95.4    | 97.5 | 98.3  | 98.5  | 99.4  | 99.4   | 99.8  | 100.0 |

TOTAL NO. OF OBS : 957

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : 1500 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 |
| UNLIMIT | 10.9                       | 21.4 | 22.5 | 23.1 | 23.3 | 23.4 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5  | 23.5  | 23.6  | 23.6   |
| >=20000 | 12.2                       | 28.3 | 30.5 | 31.5 | 31.8 | 31.9 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3  | 32.3  | 32.4  | 32.4   |
| >=18000 | 12.2                       | 28.4 | 30.7 | 31.7 | 32.0 | 32.2 | 32.5 | 32.5 | 32.5 | 32.5 | 32.5 | 32.5 | 32.5  | 32.5  | 32.6  | 32.6   |
| >=16000 | 12.2                       | 28.5 | 30.8 | 31.9 | 32.4 | 32.5 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8  | 32.8  | 32.9  | 32.9   |
| >=14000 | 13.8                       | 31.3 | 33.8 | 35.2 | 35.6 | 35.7 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0  | 36.0  | 36.1  | 36.1   |
| >=12000 | 15.7                       | 34.7 | 37.5 | 39.0 | 39.5 | 39.7 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0  | 40.0  | 40.1  | 40.1   |
| >=10000 | 18.6                       | 41.2 | 44.9 | 46.7 | 47.2 | 47.4 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9  | 47.9  | 48.0  | 48.0   |
| >=9000  | 19.1                       | 41.8 | 45.4 | 47.2 | 47.7 | 47.9 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4  | 48.4  | 48.5  | 48.5   |
| >=8000  | 20.5                       | 45.9 | 50.2 | 52.5 | 53.0 | 53.3 | 54.1 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3  | 54.3  | 54.4  | 54.4   |
| >=7000  | 21.2                       | 47.6 | 52.3 | 54.6 | 55.2 | 55.5 | 56.4 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6  | 56.6  | 56.7  | 56.7   |
| >=6000  | 21.6                       | 48.9 | 53.5 | 55.9 | 56.6 | 56.9 | 57.7 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9  | 57.9  | 58.0  | 58.0   |
| >=5000  | 22.1                       | 51.9 | 56.8 | 59.4 | 60.0 | 60.3 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6  | 61.6  | 61.8  | 61.8   |
| >=4500  | 22.7                       | 53.0 | 57.9 | 60.6 | 61.3 | 61.6 | 62.6 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8  | 62.8  | 63.0  | 63.0   |
| >=4000  | 24.5                       | 57.6 | 63.0 | 66.1 | 66.7 | 67.1 | 68.2 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5  | 68.5  | 68.7  | 68.7   |
| >=3500  | 24.8                       | 59.0 | 64.7 | 67.8 | 68.7 | 69.1 | 70.1 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5  | 70.5  | 70.7  | 70.7   |
| >=3000  | 26.3                       | 62.5 | 69.4 | 73.5 | 74.5 | 75.1 | 76.3 | 76.6 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8  | 76.9  | 77.1  | 77.1   |
| >=2500  | 27.2                       | 64.3 | 71.5 | 75.6 | 77.1 | 77.8 | 79.2 | 79.6 | 79.7 | 80.0 | 80.0 | 80.0 | 80.0  | 80.1  | 80.3  | 80.3   |
| >=2000  | 27.8                       | 66.6 | 74.4 | 78.9 | 80.7 | 81.3 | 82.9 | 83.7 | 83.8 | 84.1 | 84.1 | 84.1 | 84.1  | 84.3  | 84.6  | 84.6   |
| >=1800  | 27.8                       | 66.6 | 74.4 | 78.9 | 80.7 | 81.3 | 82.9 | 83.7 | 83.8 | 84.1 | 84.1 | 84.1 | 84.1  | 84.3  | 84.6  | 84.6   |
| >=1500  | 28.3                       | 68.6 | 76.6 | 81.5 | 83.7 | 84.3 | 86.1 | 87.3 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7  | 87.9  | 88.1  | 88.1   |
| >=1200  | 28.5                       | 68.9 | 76.9 | 81.8 | 84.0 | 84.7 | 86.5 | 87.8 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2  | 88.4  | 88.6  | 88.6   |
| >=1000  | 28.9                       | 69.8 | 78.2 | 83.4 | 86.0 | 86.8 | 89.2 | 90.7 | 90.9 | 91.8 | 91.9 | 92.0 | 92.0  | 92.1  | 92.3  | 92.3   |
| >=900   | 28.9                       | 69.8 | 78.2 | 83.4 | 86.0 | 86.8 | 89.2 | 90.7 | 90.9 | 91.8 | 91.9 | 92.0 | 92.0  | 92.1  | 92.3  | 92.3   |
| >=800   | 29.0                       | 70.4 | 79.2 | 84.6 | 87.4 | 88.3 | 90.9 | 92.7 | 93.0 | 94.3 | 94.5 | 94.5 | 94.5  | 94.7  | 94.9  | 94.9   |
| >=700   | 29.1                       | 70.6 | 79.4 | 84.9 | 87.8 | 88.9 | 91.6 | 93.6 | 93.9 | 95.2 | 95.4 | 95.4 | 95.4  | 95.6  | 95.9  | 95.9   |
| >=600   | 29.2                       | 70.7 | 79.6 | 85.3 | 88.3 | 89.6 | 92.5 | 94.6 | 94.9 | 96.2 | 96.7 | 96.7 | 96.7  | 96.9  | 97.3  | 97.3   |
| >=500   | 29.2                       | 70.8 | 80.0 | 85.8 | 88.9 | 90.2 | 93.3 | 95.6 | 95.9 | 97.8 | 98.3 | 98.3 | 98.3  | 98.5  | 99.0  | 99.0   |
| >=400   | 29.2                       | 70.8 | 80.0 | 85.9 | 89.2 | 90.6 | 93.7 | 96.1 | 96.5 | 98.4 | 99.0 | 99.0 | 99.0  | 99.2  | 99.6  | 99.6   |
| >=300   | 29.2                       | 70.8 | 80.0 | 85.9 | 89.4 | 90.7 | 93.8 | 96.2 | 96.6 | 98.5 | 99.1 | 99.1 | 99.1  | 99.3  | 99.7  | 99.7   |
| >=200   | 29.2                       | 70.8 | 80.0 | 85.9 | 89.4 | 90.7 | 93.8 | 96.3 | 96.7 | 98.6 | 99.2 | 99.2 | 99.2  | 99.4  | 99.8  | 99.8   |
| >=100   | 29.2                       | 70.8 | 80.0 | 85.9 | 89.4 | 90.7 | 93.8 | 96.3 | 96.7 | 98.6 | 99.2 | 99.2 | 99.2  | 99.4  | 99.8  | 99.8   |
| >= 0    | 29.2                       | 70.8 | 80.0 | 85.9 | 89.4 | 90.7 | 93.8 | 96.3 | 96.7 | 98.6 | 99.2 | 99.2 | 99.2  | 99.4  | 99.8  | 99.8   |

TOTAL NO. OF OBS : 958

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JUN  
HOUR : 1800 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/4  | >=1  |
| UNLIMIT | 8.7                        | 18.8 | 19.7 | 20.3 | 20.6 | 20.6 | 20.7 | 20.7 | 20.7 | 20.7 |
| >=20000 | 10.1                       | 25.7 | 27.3 | 27.9 | 28.3 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 |
| >=18000 | 10.2                       | 26.4 | 28.2 | 28.7 | 29.1 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 |
| >=16000 | 10.3                       | 26.6 | 28.4 | 28.9 | 29.4 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 |
| >=14000 | 11.4                       | 28.8 | 31.2 | 31.8 | 32.3 | 32.5 | 32.5 | 32.5 | 32.5 | 32.5 |
| >=12000 | 13.4                       | 32.6 | 35.2 | 36.0 | 36.6 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| >=10000 | 16.1                       | 38.5 | 41.6 | 42.9 | 44.0 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 |
| >= 9000 | 16.7                       | 39.8 | 42.9 | 44.1 | 45.3 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 |
| >= 8000 | 19.1                       | 45.9 | 49.8 | 51.6 | 53.0 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 |
| >= 7000 | 20.3                       | 48.3 | 52.5 | 54.4 | 55.8 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 |
| >= 6000 | 20.5                       | 48.9 | 53.2 | 55.1 | 56.5 | 57.2 | 57.3 | 57.4 | 57.4 | 57.4 |
| >= 5000 | 21.5                       | 52.5 | 57.2 | 59.2 | 60.8 | 60.9 | 61.9 | 62.0 | 62.0 | 62.0 |
| >= 4500 | 22.2                       | 53.5 | 58.4 | 60.5 | 62.2 | 62.3 | 63.3 | 63.4 | 63.4 | 63.4 |
| >= 4000 | 23.9                       | 57.2 | 62.2 | 64.7 | 66.4 | 66.5 | 67.8 | 68.0 | 68.0 | 68.0 |
| >= 3500 | 24.6                       | 59.2 | 64.6 | 67.3 | 69.2 | 69.3 | 70.5 | 70.7 | 70.7 | 70.7 |
| >= 3000 | 26.6                       | 64.6 | 70.9 | 74.2 | 76.7 | 77.0 | 78.2 | 78.8 | 78.8 | 78.8 |
| >= 2500 | 27.0                       | 65.9 | 72.3 | 76.0 | 78.6 | 78.9 | 80.3 | 80.8 | 80.8 | 80.8 |
| >= 2000 | 27.2                       | 67.2 | 73.9 | 78.1 | 80.8 | 81.1 | 82.9 | 83.4 | 83.8 | 83.8 |
| >= 1800 | 27.2                       | 67.2 | 73.9 | 78.1 | 80.8 | 81.1 | 82.9 | 83.4 | 83.8 | 83.8 |
| >= 1500 | 27.6                       | 68.5 | 75.5 | 79.9 | 82.6 | 82.9 | 85.0 | 85.6 | 86.5 | 86.7 |
| >= 1200 | 27.8                       | 69.1 | 76.2 | 80.7 | 83.3 | 83.6 | 85.7 | 86.4 | 87.3 | 87.5 |
| >= 1000 | 28.0                       | 70.3 | 78.0 | 82.8 | 85.7 | 86.3 | 88.8 | 89.9 | 90.1 | 91.4 |
| >= 900  | 28.0                       | 70.3 | 78.0 | 82.8 | 85.7 | 86.3 | 88.8 | 89.9 | 90.2 | 91.6 |
| >= 800  | 28.1                       | 71.1 | 79.3 | 84.3 | 87.4 | 88.0 | 90.7 | 92.0 | 93.0 | 93.9 |
| >= 700  | 28.1                       | 71.2 | 79.4 | 84.4 | 87.6 | 88.2 | 91.0 | 92.5 | 93.9 | 94.7 |
| >= 600  | 28.2                       | 71.4 | 79.7 | 84.7 | 88.2 | 88.7 | 91.7 | 94.9 | 95.6 | 95.9 |
| >= 500  | 28.4                       | 71.8 | 80.7 | 85.6 | 89.4 | 90.0 | 93.0 | 96.5 | 97.1 | 97.6 |
| >= 400  | 28.4                       | 72.0 | 80.7 | 85.7 | 89.7 | 90.2 | 93.6 | 97.3 | 97.9 | 98.4 |
| >= 300  | 28.4                       | 72.0 | 80.9 | 86.1 | 90.0 | 90.5 | 95.8 | 98.4 | 98.9 | 99.3 |
| >= 200  | 28.4                       | 72.0 | 81.0 | 86.2 | 90.1 | 90.6 | 94.1 | 97.9 | 98.6 | 99.2 |
| >= 100  | 28.4                       | 72.0 | 81.0 | 86.2 | 90.1 | 90.6 | 94.1 | 98.0 | 98.7 | 99.4 |
| >= 0    | 28.4                       | 72.0 | 81.0 | 86.2 | 90.1 | 90.6 | 94.1 | 98.0 | 98.7 | 99.4 |

TOTAL NO. OF OBS : 947



## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : 2100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 10.9                       | 21.1 | 22.5 | 23.6 | 23.9 | 24.1 | 24.1 | 24.2 | 24.2 | 24.3 |
| >=20000 | 12.1                       | 25.3 | 26.8 | 28.3 | 28.7 | 29.0 | 29.0 | 29.1 | 29.1 | 29.2 |
| >=18000 | 12.2                       | 26.0 | 27.6 | 29.0 | 29.4 | 29.8 | 29.8 | 29.9 | 29.9 | 30.0 |
| >=16000 | 12.3                       | 26.3 | 27.9 | 29.3 | 29.8 | 30.1 | 30.1 | 30.2 | 30.2 | 30.3 |
| >=14000 | 12.8                       | 27.5 | 29.1 | 30.7 | 31.1 | 31.4 | 31.4 | 31.5 | 31.5 | 31.6 |
| >=12000 | 14.3                       | 30.1 | 31.8 | 33.6 | 34.0 | 34.3 | 34.3 | 34.4 | 34.4 | 34.5 |
| >=10000 | 16.4                       | 35.2 | 37.7 | 39.6 | 40.4 | 40.7 | 40.7 | 40.9 | 40.9 | 41.0 |
| >= 9000 | 17.3                       | 36.7 | 39.4 | 41.4 | 42.1 | 42.5 | 42.5 | 42.7 | 42.7 | 42.8 |
| >= 8000 | 20.3                       | 42.8 | 45.8 | 48.1 | 49.1 | 49.4 | 49.4 | 49.6 | 49.6 | 49.7 |
| >= 7000 | 21.4                       | 45.5 | 47.8 | 50.3 | 51.5 | 51.8 | 51.8 | 52.1 | 52.1 | 52.2 |
| >= 6000 | 22.1                       | 45.5 | 48.8 | 51.3 | 52.5 | 52.9 | 52.9 | 53.2 | 53.2 | 53.3 |
| >= 5000 | 23.3                       | 47.9 | 51.4 | 54.0 | 55.4 | 55.7 | 55.7 | 56.0 | 56.0 | 56.1 |
| >= 4500 | 23.9                       | 49.2 | 52.8 | 55.5 | 56.8 | 57.1 | 57.2 | 57.5 | 57.5 | 57.6 |
| >= 4000 | 26.5                       | 54.1 | 57.9 | 60.8 | 62.1 | 62.4 | 62.4 | 63.1 | 63.1 | 63.2 |
| >= 3500 | 28.0                       | 56.8 | 60.6 | 63.6 | 65.0 | 65.3 | 65.3 | 66.1 | 66.1 | 66.2 |
| >= 3000 | 30.6                       | 63.0 | 67.1 | 70.7 | 72.3 | 72.7 | 73.2 | 73.5 | 73.5 | 73.6 |
| >= 2500 | 31.7                       | 64.6 | 68.9 | 73.2 | 74.9 | 75.3 | 75.8 | 76.2 | 76.3 | 76.4 |
| >= 2000 | 32.6                       | 67.2 | 71.6 | 76.4 | 78.5 | 78.9 | 79.4 | 79.9 | 80.1 | 80.2 |
| >= 1800 | 32.6                       | 67.2 | 71.7 | 76.5 | 78.6 | 79.0 | 79.5 | 80.0 | 80.2 | 80.3 |
| >= 1500 | 33.5                       | 69.2 | 74.2 | 79.3 | 81.7 | 82.1 | 82.8 | 83.6 | 83.8 | 84.0 |
| >= 1200 | 33.9                       | 69.9 | 75.0 | 80.1 | 82.5 | 83.0 | 84.0 | 84.7 | 84.9 | 85.1 |
| >= 1000 | 34.7                       | 71.8 | 77.2 | 82.9 | 86.0 | 86.6 | 88.0 | 89.1 | 89.2 | 89.9 |
| >= 900  | 34.7                       | 71.9 | 77.3 | 83.0 | 86.2 | 86.8 | 88.2 | 89.3 | 89.4 | 90.2 |
| >= 800  | 35.2                       | 73.4 | 78.9 | 84.8 | 88.4 | 89.1 | 90.5 | 91.9 | 92.0 | 93.1 |
| >= 700  | 35.4                       | 73.7 | 79.3 | 85.2 | 88.9 | 89.5 | 90.9 | 92.4 | 92.5 | 93.9 |
| >= 600  | 35.5                       | 74.3 | 79.9 | 86.2 | 89.9 | 90.5 | 92.2 | 93.8 | 93.9 | 95.2 |
| >= 500  | 35.6                       | 74.9 | 80.7 | 87.1 | 91.2 | 91.9 | 93.5 | 95.1 | 95.2 | 96.7 |
| >= 400  | 35.6                       | 75.0 | 80.9 | 87.2 | 91.7 | 92.4 | 94.4 | 95.9 | 96.1 | 97.9 |
| >= 300  | 35.7                       | 75.1 | 81.0 | 87.3 | 91.9 | 92.7 | 94.7 | 96.3 | 96.5 | 98.4 |
| >= 200  | 35.7                       | 75.1 | 81.0 | 87.3 | 91.9 | 92.7 | 94.8 | 96.4 | 96.6 | 98.6 |
| >= 100  | 35.7                       | 75.1 | 81.0 | 87.3 | 91.9 | 92.7 | 94.8 | 96.4 | 96.6 | 98.6 |
| >= 0    | 35.7                       | 75.1 | 81.0 | 87.3 | 91.9 | 92.7 | 94.8 | 96.4 | 96.6 | 98.6 |

TOTAL NO. OF OBS : 961

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUN  
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 |
| UNLIMIT | 8.2                        | 17.3 | 18.8 | 20.0 | 20.8 | 21.0 | 21.5 | 21.7 | 21.7 | 21.7 | 21.9 | 21.9 | 21.9 | 21.9  | 21.9  | 21.9  |
| >=20000 | 9.1                        | 21.4 | 23.4 | 25.1 | 26.2 | 26.5 | 27.2 | 27.4 | 27.5 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7  | 27.7  | 27.8  |
| >=18000 | 9.1                        | 21.7 | 23.8 | 25.4 | 26.5 | 26.9 | 27.5 | 27.8 | 27.8 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0  | 28.1  | 28.1  |
| >=16000 | 9.2                        | 21.8 | 23.9 | 25.6 | 26.7 | 27.1 | 27.7 | 28.0 | 28.0 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3  | 28.3  | 28.3  |
| >=14000 | 9.9                        | 23.2 | 25.4 | 27.2 | 28.4 | 28.8 | 29.6 | 29.8 | 29.9 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1  | 30.2  | 30.2  |
| >=12000 | 11.4                       | 26.0 | 28.4 | 30.4 | 31.7 | 32.2 | 32.9 | 33.2 | 33.3 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6  | 33.6  | 33.6  |
| >=10000 | 13.7                       | 30.7 | 33.6 | 36.0 | 37.6 | 38.2 | 39.1 | 39.6 | 39.6 | 39.9 | 39.9 | 40.0 | 40.0 | 40.0  | 40.0  | 40.0  |
| >=9000  | 14.2                       | 31.7 | 34.7 | 37.1 | 38.8 | 39.3 | 40.3 | 40.8 | 40.8 | 41.1 | 41.1 | 41.2 | 41.2 | 41.2  | 41.2  | 41.2  |
| >=8000  | 16.1                       | 36.3 | 39.8 | 42.6 | 44.6 | 45.2 | 46.3 | 46.9 | 46.9 | 47.3 | 47.3 | 47.4 | 47.4 | 47.4  | 47.4  | 47.4  |
| >=7000  | 17.0                       | 38.0 | 41.8 | 44.7 | 46.8 | 47.4 | 48.7 | 49.3 | 49.4 | 49.7 | 49.7 | 49.8 | 49.9 | 49.9  | 49.9  | 49.9  |
| >=6000  | 17.3                       | 38.7 | 42.5 | 45.5 | 47.6 | 48.3 | 49.6 | 50.2 | 50.2 | 50.6 | 50.7 | 50.7 | 50.8 | 50.8  | 50.8  | 50.8  |
| >=5000  | 18.3                       | 41.1 | 45.2 | 48.3 | 50.6 | 51.3 | 52.7 | 53.4 | 53.4 | 53.8 | 53.9 | 54.0 | 54.1 | 54.1  | 54.1  | 54.1  |
| >=4500  | 18.9                       | 42.3 | 46.4 | 49.6 | 51.9 | 52.6 | 54.0 | 54.8 | 54.8 | 55.2 | 55.3 | 55.4 | 55.5 | 55.5  | 55.5  | 55.5  |
| >=4000  | 20.7                       | 46.6 | 51.1 | 54.7 | 57.2 | 58.0 | 59.5 | 60.3 | 60.4 | 60.8 | 61.0 | 61.0 | 61.2 | 61.2  | 61.2  | 61.2  |
| >=3500  | 21.6                       | 48.6 | 53.4 | 57.2 | 59.8 | 60.6 | 62.2 | 63.0 | 63.1 | 63.5 | 63.7 | 63.7 | 63.9 | 63.9  | 63.9  | 63.9  |
| >=3000  | 23.6                       | 53.6 | 59.1 | 63.5 | 66.6 | 67.4 | 69.3 | 70.3 | 70.4 | 70.9 | 71.1 | 71.1 | 71.3 | 71.3  | 71.3  | 71.4  |
| >=2500  | 24.5                       | 55.4 | 61.1 | 65.9 | 69.2 | 70.1 | 72.1 | 73.2 | 73.3 | 73.9 | 74.1 | 74.2 | 74.4 | 74.4  | 74.4  | 74.4  |
| >=2000  | 25.3                       | 58.1 | 64.2 | 69.7 | 73.4 | 74.4 | 76.7 | 78.0 | 78.1 | 78.9 | 79.2 | 79.3 | 79.5 | 79.5  | 79.5  | 79.5  |
| >=1800  | 25.3                       | 58.2 | 64.3 | 69.8 | 73.5 | 74.5 | 76.8 | 78.0 | 78.2 | 79.0 | 79.3 | 79.4 | 79.6 | 79.6  | 79.6  | 79.6  |
| >=1500  | 26.0                       | 60.1 | 66.7 | 72.7 | 76.9 | 77.9 | 80.5 | 82.0 | 82.1 | 83.2 | 83.6 | 83.6 | 83.9 | 83.9  | 84.0  | 84.0  |
| >=1200  | 26.2                       | 60.6 | 67.3 | 73.4 | 77.6 | 78.7 | 81.4 | 82.9 | 83.0 | 84.1 | 84.5 | 84.6 | 84.9 | 84.9  | 84.9  | 84.9  |
| >=1000  | 26.7                       | 62.4 | 69.4 | 76.2 | 81.0 | 82.1 | 85.3 | 87.1 | 87.4 | 88.9 | 89.4 | 89.5 | 89.7 | 89.7  | 90.0  | 90.0  |
| >=900   | 26.7                       | 62.4 | 69.4 | 76.2 | 81.0 | 82.2 | 85.4 | 87.3 | 87.5 | 89.1 | 89.6 | 89.7 | 90.2 | 90.2  | 90.2  | 90.2  |
| >=800   | 27.0                       | 63.3 | 70.8 | 77.8 | 83.0 | 84.3 | 87.7 | 89.7 | 90.0 | 91.9 | 92.5 | 92.6 | 93.2 | 93.2  | 93.3  | 93.3  |
| >=700   | 27.1                       | 63.5 | 71.0 | 78.1 | 83.4 | 84.7 | 88.2 | 90.3 | 90.6 | 92.6 | 93.2 | 93.3 | 94.0 | 94.1  | 94.1  | 94.1  |
| >=600   | 27.1                       | 63.8 | 71.3 | 78.6 | 84.1 | 85.4 | 89.1 | 91.4 | 91.7 | 93.8 | 94.5 | 94.6 | 95.3 | 95.4  | 95.4  | 95.4  |
| >=500   | 27.3                       | 64.2 | 71.9 | 79.4 | 85.1 | 86.5 | 90.3 | 92.8 | 93.1 | 95.6 | 96.3 | 96.4 | 97.3 | 97.4  | 97.5  | 97.5  |
| >=400   | 27.3                       | 64.2 | 71.9 | 79.4 | 85.4 | 86.8 | 90.9 | 93.4 | 93.8 | 96.4 | 97.2 | 97.4 | 98.3 | 98.4  | 98.6  | 98.6  |
| >=300   | 27.3                       | 64.3 | 72.0 | 79.5 | 85.5 | 86.9 | 91.1 | 93.7 | 94.0 | 96.7 | 97.6 | 97.8 | 98.8 | 98.9  | 99.1  | 99.2  |
| >=200   | 27.3                       | 64.3 | 72.0 | 79.6 | 85.6 | 87.0 | 91.2 | 93.8 | 94.2 | 96.9 | 97.8 | 98.0 | 99.2 | 99.2  | 99.5  | 99.7  |
| >=100   | 27.3                       | 64.3 | 72.1 | 79.6 | 85.6 | 87.0 | 91.2 | 93.8 | 94.2 | 96.9 | 97.9 | 98.0 | 99.2 | 99.3  | 99.6  | 99.9  |
| >=0     | 27.3                       | 64.3 | 72.1 | 79.6 | 85.6 | 87.0 | 91.2 | 93.9 | 94.2 | 97.0 | 97.9 | 98.0 | 99.3 | 99.4  | 99.7  | 100.0 |

TOTAL NO. OF OBS : 7698

# 1 - SURFACE WINDS

643323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 0000 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |    |    |    |    |       | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|----|-------|------------|-----------------------|
|                | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |    |    |    |    |       |            |                       |
| N              | 1.5           | 2.1  | 1.6  | 1.1   | .4    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 6.7   | 7.2        |                       |
| NNE            | .9            | 1.6  | 2.3  | .9    | .5    | .2    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 6.5   | 8.7        |                       |
| NE             | 1.2           | 2.4  | 2.9  | 1.4   | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 8.1   | 7.4        |                       |
| ENE            | 1.0           | 1.8  | 1.5  | .6    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 5.0   | 6.5        |                       |
| E              | .9            | .9   | .7   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 2.8   | 5.6        |                       |
| ESE            | .3            | .4   | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .9    | 5.6        |                       |
| SE             | .3            | .3   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .7    | 4.1        |                       |
| SSE            | 1.0           | 1.0  | 1.4  | .4    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 4.1   | 6.5        |                       |
| S              | 3.3           | 5.0  | 4.9  | 2.5   | .6    | .2    | .1    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 16.6  | 7.4        |                       |
| SSW            | 2.3           | 5.1  | 6.6  | 4.7   | 1.3   | .2    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 20.3  | 8.8        |                       |
| SW             | .9            | 2.3  | 2.8  | 2.2   | .9    | .3    | .1    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 9.5   | 9.8        |                       |
| WSW            | .9            | 1.0  | .9   | .6    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 3.6   | 7.2        |                       |
| W              | .6            | .4   | .2   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 1.3   | 5.8        |                       |
| WNW            | .3            | .8   | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 1.4   | 4.7        |                       |
| NW             | .6            | .2   | .4   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 1.4   | 5.3        |                       |
| NNW            | .7            | .8   | .7   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 2.4   | 6.0        |                       |
| VAR            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0    | .0         |                       |
| CLM            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 8.6   | .0         |                       |
| ALL            | 17.0          | 26.1 | 27.5 | 15.2  | 4.4   | .9    | .2    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 100.0 | 7.1        |                       |

TOTAL NO. OF OBS : 1053

NOTES :  
 \* = PERCENT < .05

1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JUL  
HOUR : 0300 LST

PERCENTAGE FREQUENCY OF WIND  
DIRECTION VS SPEED  
(FROM HOURLY OBSERVATIONS)

|             |      | SPEED (KNOTS) |      |      |      |      |      |      |       |       |       |       |       |       |       |     |       | TOTAL |      | MEAN |  |
|-------------|------|---------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-------|------|------|--|
| 16 PT. DIR. |      | 1             | 2    | 3    | 4    | 5    | 6    | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | %     |       | WIND |      |  |
| N           | 1.7  | 2.0           | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 1.4   | .3    | .0    | .0    | .0    | .0    | .0    | .0  | 7.4   | 7.3   |      |      |  |
| NNE         | 1.4  | 1.7           | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.1   | .7    | .2    | .0    | .0    | .0    | .0    | .0  | 9.0   | 8.9   |      |      |  |
| NE          | 1.4  | 2.8           | 2.5  | 2.5  | 2.5  | 2.5  | 2.5  | 2.5  | 1.9   | .4    | .0    | .0    | .0    | .0    | .0    | .0  | 8.9   | 7.8   |      |      |  |
| ENE         | .4   | 1.7           | .8   | .8   | .8   | .8   | .8   | .8   | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 3.3   | 6.7   |      |      |  |
| E           | .9   | 1.3           | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 3.3   | 5.0   |      |      |  |
| ESE         | .6   | .4            | .4   | .4   | .4   | .4   | .4   | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.0   | 3.7   |      |      |  |
| SE          | .2   | .4            | .4   | .4   | .4   | .4   | .4   | .4   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .7    | 5.3   |      |      |  |
| SSE         | 1.1  | .6            | .5   | .5   | .5   | .5   | .5   | .5   | .1    | .0    | .0    | .0    | .1    | .0    | .0    | .0  | 2.4   | 5.9   |      |      |  |
| S           | 2.4  | 3.9           | 3.6  | 3.6  | 3.6  | 3.6  | 3.6  | 3.6  | 1.6   | .7    | .1    | .1    | .0    | .0    | .0    | .0  | 12.5  | 7.7   |      |      |  |
| SSW         | 2.9  | 4.4           | 5.6  | 5.6  | 5.6  | 5.6  | 5.6  | 5.6  | 4.4   | 1.3   | .4    | .1    | .0    | .0    | .0    | .0  | 19.1  | 8.9   |      |      |  |
| SW          | .9   | 2.8           | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 1.5   | .7    | .2    | .0    | .0    | .0    | .0    | .0  | 8.6   | 8.9   |      |      |  |
| WSW         | .9   | 1.1           | .7   | .7   | .7   | .7   | .7   | .7   | .7    | .1    | .1    | .0    | .0    | .0    | .0    | .0  | 3.5   | 7.6   |      |      |  |
| W           | .4   | .8            | .5   | .5   | .5   | .5   | .5   | .5   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.7   | 6.0   |      |      |  |
| WNW         | .6   | .6            | .1   | .1   | .1   | .1   | .1   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.2   | 3.8   |      |      |  |
| NW          | .6   | .8            | .3   | .3   | .3   | .3   | .3   | .3   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.7   | 4.8   |      |      |  |
| NNW         | 1.2  | 1.0           | .6   | .6   | .6   | .6   | .6   | .6   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 3.2   | 6.0   |      |      |  |
| VAR         | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0    |      |      |  |
| CLM         | .0   | .0            | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0    |      |      |  |
| ALL         | 17.6 | 26.1          | 23.9 | 23.9 | 23.9 | 23.9 | 23.9 | 23.9 | 14.6  | 4.3   | .9    | .2    | .1    | .0    | .0    | .0  | 100.0 | 6.8   |      |      |  |

TOTAL NO. OF OBS : 1054

NOTES :  
# = PERCENT < .05

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 0600 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. |      | SPEED (KNOTS) |      |   |   |      |       |       |       |       |       |       |       |      |       | TOTAL | MEAN  |
|-------------|------|---------------|------|---|---|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| 1           | 2    | 3             | 4    | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     | WIND  | SPEED |
| N           | 1.9  |               | 2.8  |   |   | 1.7  | 1.6   | .6    | .1    | .0    | .0    | .0    | .0    | .0   | 8.6   | 7.6   |       |
| NNE         | 1.2  |               | 3.2  |   |   | 2.4  | 1.5   | .4    | .2    | .0    | .0    | .0    | .0    | .0   | 8.9   | 7.8   |       |
| NE          | 1.2  |               | 2.2  |   |   | 2.8  | 1.6   | .5    | .0    | .0    | .0    | .0    | .0    | .0   | 8.4   | 8.1   |       |
| ENE         | .9   |               | 3.0  |   |   | 1.3  | .7    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 6.0   | 6.3   |       |
| E           | .9   |               | 1.2  |   |   | .4   | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.9   | 5.4   |       |
| ESE         | .5   |               | .3   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 3.3   |       |
| SE          | .8   |               | .5   |   |   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.3   | 3.2   |       |
| SSE         | .5   |               | .9   |   |   | .4   | .2    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | 2.0   | 6.4   |       |
| S           | 2.2  |               | 3.3  |   |   | 3.3  | 1.2   | .9    | .5    | .0    | .0    | .0    | .0    | .0   | 11.5  | 8.4   |       |
| SSW         | 2.0  |               | 3.4  |   |   | 4.7  | 3.7   | .9    | .5    | .0    | .0    | .0    | .0    | .0   | 15.2  | 9.2   |       |
| SW          | .9   |               | 1.5  |   |   | 2.0  | 1.5   | .6    | .3    | .0    | .1    | .0    | .0    | .0   | 6.8   | 9.8   |       |
| WSW         | .9   |               | .9   |   |   | .5   | .6    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 3.0   | 6.9   |       |
| W           | .5   |               | .5   |   |   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0   | 3.9   |       |
| WNW         | .5   |               | .5   |   |   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0   | 3.7   |       |
| NW          | 1.0  |               | .5   |   |   | .3   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   | 4.7   |       |
| NNW         | 1.9  |               | 1.4  |   |   | .8   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 4.5   | 5.0   |       |
| VAR         | .0   |               | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0    |       |
| CLM         | .0   |               | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 16.0  | .0    |       |
| ALL         | 17.8 |               | 26.0 |   |   | 20.8 | 13.5  | 4.3   | 1.6   | .0    | .1    | .0    | .0    | .0   | 100.0 | 6.4   |       |

TOTAL NO. OF OBS : 1053

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

J43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |     |       |      |  |  |  | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|--|--|--|---------|-----------------|
|             | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |       |      |  |  |  |         |                 |
| N           | 2.8           | 3.7  | 1.7  | 1.4   | .3    | .0    | .0    | .0    | .0    | .0    | .0  | 10.0  | 6.4  |  |  |  |         |                 |
| NNE         | 3.2           | 5.1  | 3.1  | 2.4   | .6    | .1    | .0    | .0    | .0    | .0    | .0  | 14.5  | 7.2  |  |  |  |         |                 |
| NE          | 2.5           | 2.9  | 2.6  | 1.7   | .1    | .2    | .0    | .0    | .0    | .0    | .0  | 10.0  | 7.0  |  |  |  |         |                 |
| ENE         | 2.6           | 1.8  | .9   | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 5.8   | 4.9  |  |  |  |         |                 |
| E           | 4.2           | 2.4  | .6   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 7.2   | 3.4  |  |  |  |         |                 |
| ESE         | 1.8           | .6   | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.7   | 3.8  |  |  |  |         |                 |
| SE          | .4            | .6   | .3   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.3   | 5.3  |  |  |  |         |                 |
| SSE         | 1.0           | .9   | .7   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.8   | 5.0  |  |  |  |         |                 |
| S           | 1.3           | 2.8  | 4.5  | 2.5   | .2    | .1    | .0    | .0    | .0    | .0    | .0  | 11.3  | 8.3  |  |  |  |         |                 |
| SSW         | .8            | 2.3  | 3.7  | 5.6   | 1.5   | .1    | .2    | .0    | .0    | .0    | .0  | 14.2  | 11.1 |  |  |  |         |                 |
| SW          | .6            | .9   | 2.3  | 2.5   | .7    | .0    | .0    | .0    | .0    | .0    | .0  | 6.8   | 10.2 |  |  |  |         |                 |
| WSW         | .0            | 1.1  | .7   | 1.1   | .1    | .1    | .0    | .0    | .0    | .0    | .0  | 3.1   | 9.7  |  |  |  |         |                 |
| W           | .1            | .2   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .3    | 4.0  |  |  |  |         |                 |
| WNW         | .2            | .0   | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .4    | 6.0  |  |  |  |         |                 |
| NW          | .0            | .2   | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .3    | 7.0  |  |  |  |         |                 |
| NNW         | .4            | .4   | .5   | .1    | .2    | .0    | .0    | .0    | .0    | .0    | .0  | 1.5   | 7.6  |  |  |  |         |                 |
| VAR         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0   |  |  |  |         |                 |
| CLM         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 7.9   | .0   |  |  |  |         |                 |
| ALL         | 21.8          | 25.8 | 21.7 | 18.3  | 3.6   | .6    | .2    | .0    | .0    | .0    | .0  | 100.0 | 6.9  |  |  |  |         |                 |

TOTAL NO. OF OBS : 1053

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |   |   |      |   |   |      |       |       |       |       |       |       |       |      |       | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|---|---|------|---|---|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|-----------------------|
|                | 1             | 2 | 3 | 4    | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |            |                       |
| N              | 1.0           |   |   | 2.8  |   |   | 1.3  | .5    | .6    | .1    | .0    | .0    | .0    | .0    | .0   | 6.4   | 7.2        |                       |
| NNE            | 1.9           |   |   | 3.4  |   |   | 3.5  | 2.1   | .3    | .1    | .0    | .0    | .0    | .0    | .0   | 11.3  | 7.8        |                       |
| NE             | 1.6           |   |   | 3.0  |   |   | 2.0  | 1.5   | .1    | .2    | .0    | .0    | .0    | .0    | .0   | 8.5   | 7.2        |                       |
| ENE            | .9            |   |   | 2.8  |   |   | .6   | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.8   | 5.8        |                       |
| E              | 3.0           |   |   | 3.2  |   |   | .5   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.7   | 3.8        |                       |
| ESE            | 1.2           |   |   | 1.9  |   |   | .6   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.8   | 4.8        |                       |
| SE             | .2            |   |   | .9   |   |   | .2   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.4   | 5.8        |                       |
| SSE            | .1            |   |   | .9   |   |   | 1.9  | .9    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.7   | 8.8        |                       |
| S              | .8            |   |   | 2.8  |   |   | 6.8  | 4.9   | .4    | .2    | .0    | .0    | .0    | .0    | .0   | 16.0  | 9.6        |                       |
| SSW            | .8            |   |   | 2.9  |   |   | 6.4  | 6.6   | 2.1   | .5    | .0    | .0    | .0    | .0    | .0   | 19.3  | 11.1       |                       |
| SW             | .2            |   |   | 2.3  |   |   | 2.4  | 1.9   | 1.3   | .2    | .0    | .0    | .0    | .0    | .0   | 8.3   | 10.6       |                       |
| WSW            | .6            |   |   | .4   |   |   | .8   | .8    | .2    | .1    | .0    | .0    | .0    | .0    | .0   | 2.8   | 9.6        |                       |
| W              | .3            |   |   | .0   |   |   | .0   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .5    | 6.6        |                       |
| WNW            | .1            |   |   | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .1    | 1.0        |                       |
| NW             | .0            |   |   | .2   |   |   | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    | 8.0        |                       |
| NNW            | .2            |   |   | .5   |   |   | .6   | .2    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 1.5   | 7.6        |                       |
| VAR            | .0            |   |   | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |                       |
| CLM            | .0            |   |   | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.7   | .0         |                       |
| LLL            | 12.8          |   |   | 28.0 |   |   | 27.6 | 20.4  | 5.0   | 1.3   | .0    | .0    | .0    | .0    | .0   | 100.0 | 8.1        |                       |

TOTAL NO. OF OBS : 1053

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
|             | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |         |                 |
| N           | .9            | 1.4   | 1.2  | .8    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 4.6     | 7.2             |
| NNE         | .7            | 1.9   | 2.6  | 1.7   | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 7.1     | 8.5             |
| NE          | 1.0           | 1.8   | 2.4  | .8    | .3    | .2    | .0    | .0    | .0    | .0    | .0   | 6.5     | 8.0             |
| ENE         | .5            | .6    | 1.0  | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.6     | 7.3             |
| E           | 1.8           | 1.0   | .5   | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.7     | 4.9             |
| ESE         | .5            | .6    | .6   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.7     | 5.7             |
| SE          | .6            | .5    | .6   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.9     | 6.5             |
| SSE         | .8            | .9    | 1.6  | 1.0   | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 4.5     | 8.0             |
| S           | .8            | 2.8   | 8.6  | 8.3   | 1.0   | .1    | .1    | .0    | .0    | .0    | .0   | 21.7    | 10.3            |
| SSW         | .3            | 2.7   | 10.2 | 10.3  | 2.8   | .2    | .0    | .0    | .0    | .0    | .0   | 26.3    | 11.3            |
| SW          | .8            | 2.1   | 4.5  | 3.6   | .9    | .0    | .0    | .0    | .0    | .0    | .0   | 11.2    | 9.5             |
| WSW         | .3            | 1.0   | 1.1  | .3    | .4    | .1    | .0    | .0    | .0    | .0    | .0   | 3.2     | 8.8             |
| W           | .1            | .4    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6      | 5.8             |
| WNW         | .0            | .3    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3      | 4.7             |
| NW          | .1            | .3    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4      | 4.0             |
| NNW         | .2            | .0    | .1   | .2    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .6      | 9.5             |
| VAR         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0      | .0              |
| CLM         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.2     | .0              |
| ALL         | 9.2           | 18.3  | 35.0 | 27.5  | 6.0   | .6    | .1    | .0    | .0    | .0    | .0   | 100.0   | 9.1             |

TOTAL NO. OF OBS : 1053

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 1800 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1   | 2    | 3    | 4    | 5   | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN       |
|--------|-----|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|
| DIR.   | 1   | 2    | 3    | 4    | 5   | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     | WIND SPEED |
| N      | .4  | .6   | .9   | .5   | .1  | .2  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.5   | 8.7        |
| NNE    | .2  | .8   | 1.0  | 1.4  | .2  | .5  | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.8   | 10.8       |
| NE     | .6  | 1.1  | 1.2  | 1.0  | .5  | .9  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.5   | 8.9        |
| ENE    | .6  | 1.3  | .9   | .9   | .1  | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.8   | 7.4        |
| E      | .6  | 1.2  | 2.3  | .8   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.8   | 8.0        |
| ESE    | .2  | .5   | .9   | .2   | .1  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.8   | 7.6        |
| SE     | .3  | .7   | .5   | .1   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.6   | 7.4        |
| SSE    | .3  | 1.0  | 1.8  | .7   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.8   | 7.8        |
| S      | .7  | 3.7  | 10.7 | 7.0  | .8  | .5  | 1.0  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 23.4  | 10.0       |
| SSW    | 1.6 | 5.9  | 9.9  | 9.5  | 2.3 | 1.0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 30.2  | 10.5       |
| SW     | 1.2 | 2.6  | 3.6  | 1.9  | .5  | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 9.9   | 8.4        |
| WSW    | .5  | .9   | .9   | .6   | .3  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.1   | 8.7        |
| W      | .5  | 1.0  | .3   | .1   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.9   | 5.1        |
| WNW    | .1  | .2   | .2   | .1   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6    | 7.0        |
| NW     | .1  | .1   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    | 7.3        |
| NNW    | .2  | .0   | .3   | .1   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6    | 8.3        |
| VAR    | .0  | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |
| CLM    | .0  | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.5   | .0         |
| ALL    | 7.9 | 21.6 | 35.3 | 25.0 | 4.7 | 2.0 | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 100.0 | 9.0        |

TOTAL NO. OF OBS : 1053

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 2100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |       |      |  |  | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|--|--|---------|-----------------|
|             | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |      |  |  |         |                 |
| N           | .3            | 1.0   | .8   | .9    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 3.1   | 8.8  |  |  |         |                 |
| NNE         | .7            | .9    | 1.4  | .9    | .2    | .3    | .0    | .0    | .0    | .0    | .0   | 4.5   | 9.3  |  |  |         |                 |
| NE          | .3            | 1.1   | 1.8  | 1.5   | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 5.0   | 9.1  |  |  |         |                 |
| NNE         | .6            | 1.3   | 2.0  | .9    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.7   | 7.4  |  |  |         |                 |
| E           | .9            | 2.0   | 2.6  | .6    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.1   | 6.7  |  |  |         |                 |
| ESE         | .2            | .6    | .9   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.8   | 6.5  |  |  |         |                 |
| SE          | .3            | 1.3   | .3   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   | 5.6  |  |  |         |                 |
| SSE         | 1.0           | 1.9   | 1.0  | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.5   | 5.8  |  |  |         |                 |
| S           | 1.8           | 6.4   | 8.4  | 4.0   | .5    | .1    | .0    | .0    | .0    | .0    | .0   | 21.2  | 8.1  |  |  |         |                 |
| SSW         | 1.1           | 4.6   | 9.2  | 7.1   | 2.1   | .6    | .0    | .0    | .0    | .0    | .0   | 24.8  | 10.1 |  |  |         |                 |
| SW          | 1.0           | 1.5   | 3.2  | 1.6   | .9    | .0    | .1    | .0    | .0    | .0    | .0   | 8.3   | 9.4  |  |  |         |                 |
| WSW         | .6            | .6    | .9   | .9    | .5    | .1    | .0    | .0    | .0    | .0    | .0   | 3.5   | 10.0 |  |  |         |                 |
| W           | .5            | .6    | .4   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.5   | 5.2  |  |  |         |                 |
| WNW         | .6            | .5    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0   | 3.4  |  |  |         |                 |
| NW          | .3            | .3    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6    | 3.8  |  |  |         |                 |
| NNW         | .5            | .5    | .3   | .3    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 1.7   | 7.6  |  |  |         |                 |
| VAR         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   |  |  |         |                 |
| CLM         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.7   | .0   |  |  |         |                 |
| ALL         | 10.6          | 25.1  | 33.3 | 19.4  | 4.6   | 1.1   | .1    | .0    | .0    | .0    | .0   | 100.0 | 8.0  |  |  |         |                 |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |    |    |    |    |    | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|----|----|------------|-----------------------|
|                | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |    |    |    |    |    |            |                       |
| N              | 1.3           | 2.1  | 1.4  | 1.0   | .3    | .0*   | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 6.2        | 7.3                   |
| NNE            | 1.3           | 2.3  | 2.4  | 1.6   | .4    | .2    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 8.2        | 8.2                   |
| NE             | 1.2           | 2.2  | 2.3  | 1.4   | .3    | .1    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 7.5        | 7.8                   |
| ENE            | .9            | 1.8  | 1.2  | .6    | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 4.5        | 6.4                   |
| E              | 1.7           | 1.7  | 1.1  | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 4.7        | 5.2                   |
| ESE            | .7            | .6   | .4   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.8        | 5.2                   |
| SE             | .4            | .6   | .2   | .1    | .0    | .0*   | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.4        | 5.6                   |
| SSE            | .7            | 1.0  | 1.2  | .5    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 3.5        | 6.9                   |
| S              | 1.6           | 3.8  | 6.4  | 4.0   | .6    | .2    | .0*   | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 16.8       | 8.9                   |
| SSW            | 1.5           | 3.9  | 7.0  | 6.5   | 1.8   | .4    | .0*   | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 21.2       | 10.2                  |
| SW             | .8            | 2.0  | 2.9  | 2.0   | .8    | .1    | .0*   | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 8.7        | 9.5                   |
| WSW            | .6            | .9   | .8   | .7    | .2    | .1    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 3.2        | 8.5                   |
| W              | .4            | .5   | .2   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.1        | 5.4                   |
| WNW            | .3            | .3   | .1   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .8         | 4.3                   |
| NW             | .4            | .3   | .1   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .9         | 5.1                   |
| NNW            | .7            | .6   | .5   | .2    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 2.0        | 6.4                   |
| VAR            | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .0         | .0                    |
| CCLM           | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 7.7        | .0                    |
| ALL            | 14.3          | 24.6 | 28.2 | 19.2  | 4.6   | 1.1   | .1    | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 100.0      | 7.7                   |

TOTAL NO. OF OBS : 8426

NOTES : \* = PERCENT < .05

## 2 - CEILING VS VISIBILITY

643323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 0000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |         |         |         |      |
|---------|----------------------------|------|------|------|------|---------|---------|---------|---------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2 1/2 | >=1 1/2 | >=1 1/4 | >=1  |
| UNLIMIT | 14.6                       | 25.5 | 26.2 | 27.6 | 28.3 | 28.5    | 28.9    | 28.9    | 28.9    | 29.0 |
| >=20000 | 16.1                       | 28.8 | 29.9 | 31.7 | 32.5 | 32.7    | 33.4    | 33.4    | 33.4    | 33.5 |
| >=18000 | 16.1                       | 28.9 | 30.0 | 31.8 | 32.6 | 32.8    | 33.5    | 33.5    | 33.5    | 33.6 |
| >=16000 | 16.2                       | 29.0 | 30.1 | 31.9 | 32.8 | 33.0    | 33.7    | 33.7    | 33.7    | 33.8 |
| >=14000 | 16.4                       | 29.3 | 30.4 | 32.3 | 33.2 | 33.4    | 34.1    | 34.1    | 34.1    | 34.2 |
| >=12000 | 17.8                       | 31.3 | 32.5 | 34.4 | 35.3 | 35.5    | 36.2    | 36.2    | 36.2    | 36.3 |
| >=10000 | 20.3                       | 36.3 | 37.8 | 40.1 | 41.1 | 41.3    | 42.1    | 42.3    | 42.3    | 42.4 |
| >=9000  | 20.9                       | 37.6 | 39.2 | 41.7 | 42.7 | 42.9    | 43.7    | 43.9    | 43.9    | 44.0 |
| >=8000  | 23.1                       | 43.8 | 45.7 | 48.6 | 50.0 | 50.3    | 51.1    | 51.5    | 51.5    | 51.8 |
| >=7000  | 24.5                       | 45.6 | 47.6 | 50.5 | 51.9 | 52.3    | 53.2    | 53.6    | 53.6    | 53.9 |
| >=6000  | 25.2                       | 46.7 | 48.8 | 51.8 | 53.2 | 53.8    | 54.7    | 55.1    | 55.1    | 55.4 |
| >=5000  | 26.4                       | 49.2 | 51.4 | 54.6 | 56.0 | 56.6    | 57.5    | 57.9    | 57.9    | 58.2 |
| >=4500  | 26.6                       | 49.5 | 51.7 | 54.9 | 56.3 | 56.9    | 57.8    | 58.2    | 58.2    | 58.5 |
| >=4000  | 29.0                       | 54.3 | 56.6 | 60.0 | 61.8 | 62.5    | 63.7    | 64.2    | 64.2    | 64.5 |
| >=3500  | 29.4                       | 55.6 | 58.1 | 61.5 | 63.3 | 64.0    | 65.2    | 65.8    | 65.8    | 66.1 |
| >=3000  | 32.0                       | 61.1 | 64.4 | 68.7 | 70.7 | 71.4    | 72.9    | 73.5    | 73.5    | 73.9 |
| >=2500  | 33.6                       | 64.2 | 67.6 | 71.9 | 74.0 | 74.8    | 76.3    | 76.9    | 76.9    | 77.3 |
| >=2000  | 34.7                       | 66.8 | 70.3 | 74.8 | 76.9 | 77.8    | 79.6    | 80.2    | 80.2    | 80.7 |
| >=1800  | 34.7                       | 66.8 | 70.3 | 74.8 | 77.0 | 77.9    | 79.7    | 80.3    | 80.3    | 80.8 |
| >=1500  | 36.5                       | 70.0 | 73.8 | 78.6 | 81.2 | 82.2    | 84.2    | 84.9    | 84.9    | 85.7 |
| >=1200  | 37.1                       | 70.7 | 74.6 | 79.5 | 82.1 | 83.1    | 85.1    | 85.8    | 85.8    | 86.6 |
| >=1000  | 38.3                       | 72.9 | 77.3 | 82.4 | 85.4 | 86.5    | 88.8    | 89.7    | 89.7    | 91.0 |
| >=900   | 38.3                       | 72.9 | 77.5 | 82.6 | 85.6 | 86.7    | 89.0    | 89.9    | 89.9    | 91.2 |
| >=800   | 38.9                       | 74.1 | 78.9 | 84.4 | 87.8 | 88.9    | 91.3    | 92.2    | 92.2    | 93.6 |
| >=700   | 39.0                       | 74.2 | 79.1 | 84.9 | 88.3 | 89.4    | 92.1    | 93.0    | 93.0    | 94.4 |
| >=600   | 39.1                       | 74.4 | 79.3 | 85.1 | 88.6 | 89.9    | 92.6    | 93.7    | 93.7    | 95.1 |
| >=500   | 39.2                       | 74.7 | 79.7 | 85.7 | 89.2 | 90.5    | 93.2    | 94.4    | 94.4    | 96.2 |
| >=400   | 39.2                       | 74.7 | 79.7 | 85.7 | 89.3 | 90.6    | 93.3    | 94.5    | 94.5    | 96.4 |
| >=300   | 39.3                       | 75.1 | 80.2 | 86.2 | 89.8 | 91.1    | 93.9    | 95.1    | 95.1    | 97.0 |
| >=200   | 39.3                       | 75.2 | 80.3 | 86.3 | 89.9 | 91.2    | 94.0    | 95.3    | 95.3    | 97.2 |
| >=100   | 39.3                       | 75.2 | 80.3 | 86.3 | 89.9 | 91.2    | 94.0    | 95.3    | 95.3    | 97.2 |
| >=0     | 39.3                       | 75.2 | 80.3 | 86.3 | 89.9 | 91.2    | 94.0    | 95.3    | 95.3    | 97.2 |

TOTAL NO. OF OBS : 1000

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 0300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 13.2                       | 24.6 | 26.0 | 27.1 | 28.1 | 28.4 | 28.8 | 28.9 | 28.9 | 29.1 |
| >=20000 | 14.1                       | 26.4 | 28.0 | 29.3 | 30.8 | 31.2 | 31.8 | 32.0 | 32.0 | 32.3 |
| >=18000 | 14.1                       | 26.4 | 28.0 | 29.3 | 30.8 | 31.2 | 31.8 | 32.0 | 32.0 | 32.3 |
| >=16000 | 14.1                       | 26.4 | 28.0 | 29.3 | 30.8 | 31.2 | 31.8 | 32.0 | 32.0 | 32.3 |
| >=14000 | 14.4                       | 26.8 | 28.3 | 29.8 | 31.4 | 31.8 | 32.4 | 32.6 | 32.6 | 32.9 |
| >=12000 | 15.6                       | 28.3 | 30.0 | 31.5 | 33.1 | 33.5 | 34.1 | 34.3 | 34.3 | 34.5 |
| >=10000 | 18.3                       | 33.5 | 35.4 | 37.3 | 39.5 | 40.0 | 40.7 | 41.0 | 41.0 | 41.4 |
| >=9000  | 19.2                       | 35.0 | 37.1 | 39.1 | 41.4 | 41.9 | 42.7 | 43.0 | 43.0 | 43.4 |
| >=8000  | 20.9                       | 39.0 | 41.3 | 43.5 | 46.3 | 46.8 | 47.5 | 47.9 | 47.9 | 48.3 |
| >=7000  | 21.8                       | 40.2 | 42.5 | 44.8 | 47.5 | 48.0 | 48.8 | 49.2 | 49.2 | 49.7 |
| >=6000  | 22.3                       | 40.7 | 43.2 | 45.6 | 48.3 | 48.9 | 49.8 | 50.2 | 50.2 | 50.7 |
| >=5000  | 23.7                       | 43.0 | 45.8 | 48.2 | 51.4 | 52.0 | 53.1 | 53.4 | 53.4 | 53.9 |
| >=4500  | 23.7                       | 43.0 | 45.8 | 48.3 | 51.5 | 52.1 | 53.3 | 53.7 | 53.7 | 54.2 |
| >=4000  | 25.7                       | 46.9 | 49.7 | 52.5 | 55.8 | 56.4 | 57.9 | 58.4 | 58.4 | 59.0 |
| >=3500  | 26.1                       | 48.1 | 51.1 | 54.1 | 57.6 | 58.2 | 59.6 | 60.1 | 60.1 | 60.7 |
| >=3000  | 29.1                       | 54.7 | 58.2 | 62.3 | 66.3 | 66.9 | 68.7 | 69.5 | 69.6 | 70.4 |
| >=2500  | 31.5                       | 58.2 | 61.9 | 66.3 | 70.6 | 71.3 | 73.2 | 74.1 | 74.2 | 75.0 |
| >=2000  | 32.8                       | 61.4 | 65.5 | 70.3 | 74.7 | 75.5 | 78.0 | 79.4 | 79.5 | 80.3 |
| >=1800  | 32.8                       | 61.4 | 65.5 | 70.3 | 74.7 | 75.5 | 78.0 | 79.4 | 79.5 | 80.3 |
| >=1500  | 34.2                       | 64.3 | 68.6 | 73.8 | 78.6 | 79.5 | 82.4 | 84.0 | 84.2 | 85.0 |
| >=1200  | 34.4                       | 64.8 | 69.1 | 74.3 | 79.1 | 80.0 | 83.0 | 84.6 | 84.8 | 85.7 |
| >=1000  | 35.2                       | 67.0 | 71.7 | 77.3 | 82.5 | 83.6 | 87.4 | 89.3 | 89.5 | 90.6 |
| >=900   | 35.2                       | 67.0 | 71.7 | 77.3 | 82.5 | 83.6 | 87.6 | 89.5 | 89.7 | 90.9 |
| >=800   | 35.3                       | 68.2 | 73.1 | 78.9 | 84.4 | 85.5 | 89.8 | 91.8 | 92.0 | 93.4 |
| >=700   | 35.5                       | 68.5 | 73.4 | 79.2 | 84.8 | 85.9 | 90.4 | 92.4 | 92.6 | 94.1 |
| >=600   | 35.6                       | 68.6 | 73.5 | 79.4 | 85.0 | 86.2 | 90.8 | 92.9 | 93.1 | 94.6 |
| >=500   | 35.7                       | 68.7 | 73.6 | 79.6 | 85.3 | 86.5 | 91.2 | 93.4 | 93.6 | 95.3 |
| >=400   | 35.7                       | 68.7 | 73.6 | 79.6 | 85.5 | 86.8 | 91.5 | 93.7 | 93.9 | 95.6 |
| >=300   | 35.8                       | 69.0 | 74.0 | 80.0 | 86.1 | 87.4 | 92.2 | 94.5 | 94.7 | 96.5 |
| >=200   | 35.8                       | 69.0 | 74.1 | 80.1 | 86.2 | 87.5 | 92.3 | 94.6 | 94.8 | 96.6 |
| >=100   | 35.8                       | 69.0 | 74.1 | 80.1 | 86.2 | 87.5 | 92.3 | 94.6 | 94.8 | 96.7 |
| >=0     | 35.8                       | 69.0 | 74.1 | 80.1 | 86.2 | 87.5 | 92.3 | 94.6 | 94.8 | 96.7 |

TOTAL NO. OF OBS : 1016

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 0600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
|         | >=10                       | >6   | >5   | >4   | >3   | >=2  | 1/2  | >=2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 |
| UNLIMIT | 6.3                        | 14.4 | 16.5 | 17.9 | 18.8 | 19.4 | 19.9 | 20.5 | 20.6 | 21.5 | 21.6 | 21.6 | 21.6 | 21.6  | 21.6  | 21.9  |
| >=20000 | 7.1                        | 16.8 | 19.4 | 21.0 | 22.1 | 22.9 | 23.5 | 24.2 | 24.3 | 25.3 | 25.4 | 25.4 | 25.4 | 25.4  | 25.4  | 25.7  |
| >=18000 | 7.1                        | 16.9 | 19.5 | 21.1 | 22.3 | 23.1 | 23.7 | 24.5 | 24.6 | 25.6 | 25.7 | 25.7 | 25.7 | 25.7  | 25.7  | 26.0  |
| >=16000 | 7.4                        | 17.2 | 19.7 | 21.4 | 22.6 | 23.4 | 23.9 | 24.9 | 25.0 | 26.0 | 26.1 | 26.1 | 26.1 | 26.1  | 26.1  | 26.4  |
| >=14000 | 7.6                        | 17.6 | 20.3 | 22.0 | 23.2 | 23.9 | 24.5 | 25.6 | 25.7 | 26.7 | 26.9 | 26.9 | 26.9 | 26.9  | 27.1  | 27.2  |
| >=12000 | 8.7                        | 19.2 | 22.2 | 24.1 | 25.6 | 26.6 | 27.5 | 28.6 | 28.7 | 29.7 | 30.0 | 30.0 | 30.0 | 30.0  | 30.2  | 30.3  |
| >=10000 | 10.0                       | 23.1 | 26.8 | 29.1 | 31.3 | 32.4 | 33.5 | 34.9 | 35.0 | 36.1 | 36.4 | 36.4 | 36.4 | 36.4  | 36.6  | 36.7  |
| >=9000  | 10.7                       | 24.3 | 28.1 | 30.5 | 32.7 | 33.8 | 35.1 | 36.5 | 36.6 | 37.6 | 37.9 | 37.9 | 37.9 | 37.9  | 38.1  | 38.2  |
| >=8000  | 11.9                       | 27.6 | 32.3 | 35.3 | 37.9 | 39.0 | 40.5 | 41.9 | 42.0 | 43.1 | 43.4 | 43.6 | 43.6 | 43.6  | 43.8  | 43.9  |
| >=7000  | 12.6                       | 28.9 | 33.9 | 37.1 | 39.8 | 40.9 | 42.3 | 43.8 | 43.9 | 45.2 | 45.5 | 45.7 | 45.7 | 45.7  | 45.8  | 45.9  |
| >=6000  | 13.0                       | 29.6 | 34.8 | 38.0 | 40.7 | 41.7 | 43.3 | 44.9 | 45.0 | 46.2 | 46.5 | 46.6 | 46.7 | 46.7  | 46.9  | 47.0  |
| >=5000  | 13.5                       | 31.6 | 37.0 | 40.3 | 43.1 | 44.3 | 45.9 | 47.6 | 47.7 | 49.1 | 49.4 | 49.7 | 49.7 | 49.7  | 49.9  | 50.0  |
| >=4500  | 13.8                       | 32.2 | 37.5 | 40.9 | 43.7 | 44.9 | 46.5 | 48.3 | 48.4 | 49.8 | 50.0 | 50.3 | 50.3 | 50.3  | 50.5  | 50.6  |
| >=4000  | 14.7                       | 34.4 | 40.6 | 44.1 | 47.5 | 48.7 | 50.5 | 52.5 | 52.6 | 54.1 | 54.4 | 54.8 | 54.8 | 54.8  | 55.0  | 55.1  |
| >=3500  | 15.2                       | 35.6 | 41.9 | 45.7 | 49.1 | 50.2 | 52.2 | 54.3 | 54.3 | 55.8 | 56.3 | 56.4 | 56.7 | 56.7  | 56.9  | 57.0  |
| >=3000  | 16.9                       | 39.6 | 46.9 | 51.4 | 55.5 | 56.8 | 59.0 | 61.6 | 61.8 | 63.4 | 64.0 | 64.2 | 64.6 | 64.6  | 64.8  | 64.9  |
| >=2500  | 17.9                       | 41.3 | 48.8 | 53.4 | 57.6 | 58.9 | 61.2 | 63.9 | 64.2 | 66.0 | 66.6 | 66.8 | 67.2 | 67.2  | 67.4  | 67.4  |
| >=2000  | 19.1                       | 44.2 | 52.2 | 57.6 | 62.4 | 64.0 | 66.6 | 69.9 | 70.3 | 72.0 | 72.8 | 73.1 | 73.5 | 73.5  | 73.8  | 73.9  |
| >=1800  | 19.2                       | 44.3 | 52.3 | 57.7 | 62.5 | 64.1 | 66.7 | 70.0 | 70.4 | 72.1 | 72.9 | 73.2 | 73.6 | 73.6  | 73.9  | 74.0  |
| >=1500  | 20.1                       | 46.5 | 54.7 | 60.5 | 65.7 | 67.4 | 70.3 | 73.9 | 74.3 | 76.4 | 77.2 | 77.5 | 78.0 | 78.0  | 78.3  | 78.4  |
| >=1200  | 20.3                       | 46.9 | 55.3 | 61.2 | 66.4 | 68.2 | 71.1 | 74.9 | 75.3 | 77.5 | 78.4 | 78.7 | 79.2 | 79.2  | 79.5  | 79.6  |
| >=1000  | 20.7                       | 48.8 | 57.5 | 63.9 | 69.7 | 71.8 | 75.6 | 79.6 | 80.0 | 82.9 | 83.8 | 84.2 | 84.8 | 84.8  | 85.0  | 85.1  |
| >=900   | 20.8                       | 49.1 | 57.8 | 64.2 | 70.0 | 72.1 | 76.0 | 80.0 | 80.4 | 83.4 | 84.4 | 84.8 | 85.3 | 85.3  | 85.6  | 85.7  |
| >=800   | 21.2                       | 50.1 | 59.1 | 65.8 | 71.6 | 73.7 | 77.8 | 82.3 | 82.8 | 86.2 | 87.3 | 87.7 | 88.4 | 88.4  | 88.7  | 88.8  |
| >=700   | 21.5                       | 50.7 | 59.8 | 66.6 | 72.3 | 74.5 | 78.7 | 83.2 | 83.7 | 87.1 | 88.3 | 88.7 | 89.4 | 89.4  | 89.7  | 89.8  |
| >=600   | 21.6                       | 51.1 | 60.4 | 67.3 | 73.1 | 75.3 | 79.5 | 84.1 | 84.7 | 88.1 | 89.2 | 89.6 | 90.4 | 90.4  | 90.7  | 90.8  |
| >=500   | 21.9                       | 51.9 | 61.4 | 68.5 | 74.5 | 76.7 | 81.6 | 86.7 | 87.5 | 91.3 | 92.6 | 93.0 | 94.1 | 94.2  | 94.6  | 94.8  |
| >=400   | 22.1                       | 52.3 | 61.8 | 69.2 | 75.2 | 77.4 | 82.6 | 87.9 | 88.8 | 92.6 | 93.8 | 94.5 | 95.5 | 95.6  | 96.2  | 96.5  |
| >=300   | 22.1                       | 52.5 | 62.1 | 69.5 | 75.5 | 77.7 | 83.0 | 88.3 | 89.1 | 93.1 | 94.5 | 95.0 | 96.5 | 96.6  | 97.3  | 97.8  |
| >=200   | 22.1                       | 52.5 | 62.1 | 69.5 | 75.5 | 77.7 | 83.0 | 88.5 | 89.3 | 93.3 | 94.8 | 95.3 | 96.9 | 96.9  | 97.8  | 98.8  |
| >=100   | 22.1                       | 52.5 | 62.1 | 69.5 | 75.5 | 77.7 | 83.0 | 88.5 | 89.3 | 93.3 | 94.8 | 95.3 | 96.9 | 97.0  | 98.0  | 99.5  |
| >=0     | 22.1                       | 52.5 | 62.1 | 69.5 | 75.5 | 77.7 | 83.0 | 88.5 | 89.3 | 93.3 | 94.8 | 95.3 | 97.1 | 97.2  | 98.2  | 100.0 |

TOTAL NO. OF OBS : 1023

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 0900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 |
| UNLIMIT | 7.5                        | 15.2 | 17.9 | 19.3 | 21.2 | 21.8 | 22.3 | 22.7 | 22.7 | 23.5 | 23.6 | 23.6 | 23.9 | 23.9 | 23.9  | 23.9  |
| >=20000 | 8.2                        | 17.9 | 20.9 | 22.8 | 24.8 | 25.5 | 26.1 | 26.6 | 26.7 | 27.6 | 27.7 | 27.7 | 28.1 | 28.1 | 28.1  | 28.1  |
| >=18000 | 8.3                        | 18.0 | 21.0 | 22.9 | 24.9 | 25.6 | 26.2 | 26.7 | 26.8 | 27.7 | 27.8 | 27.8 | 28.2 | 28.2 | 28.2  | 28.2  |
| >=16000 | 8.3                        | 18.0 | 21.0 | 22.9 | 24.9 | 25.6 | 26.3 | 26.8 | 26.9 | 27.8 | 27.9 | 27.9 | 28.3 | 28.3 | 28.3  | 28.3  |
| >=14000 | 8.4                        | 18.5 | 21.5 | 23.4 | 25.5 | 26.3 | 27.0 | 27.5 | 27.6 | 28.5 | 28.6 | 28.6 | 29.0 | 29.0 | 29.0  | 29.0  |
| >=12000 | 9.5                        | 21.5 | 24.7 | 27.0 | 29.5 | 30.3 | 31.1 | 32.0 | 32.1 | 33.2 | 33.3 | 33.3 | 33.7 | 33.7 | 33.7  | 33.7  |
| >=10000 | 10.9                       | 25.6 | 29.4 | 32.3 | 35.0 | 35.9 | 37.0 | 37.9 | 38.3 | 39.7 | 39.9 | 39.9 | 40.4 | 40.4 | 40.4  | 40.4  |
| >= 8000 | 11.0                       | 26.1 | 29.9 | 32.9 | 35.6 | 36.5 | 37.7 | 38.6 | 39.0 | 40.5 | 40.7 | 40.7 | 41.2 | 41.2 | 41.2  | 41.2  |
| >= 6000 | 12.4                       | 29.8 | 33.6 | 37.7 | 40.9 | 41.9 | 43.6 | 44.6 | 45.0 | 46.8 | 47.0 | 47.0 | 47.6 | 47.6 | 47.6  | 47.6  |
| >= 7000 | 13.0                       | 30.8 | 34.6 | 39.1 | 42.4 | 43.6 | 45.3 | 46.4 | 46.7 | 48.6 | 48.8 | 48.8 | 49.4 | 49.4 | 49.4  | 49.4  |
| >= 6000 | 13.1                       | 31.3 | 35.1 | 39.5 | 43.0 | 44.2 | 46.0 | 47.1 | 47.5 | 49.4 | 49.6 | 49.6 | 50.2 | 50.2 | 50.2  | 50.2  |
| >= 5000 | 13.5                       | 32.8 | 36.9 | 41.6 | 45.2 | 46.4 | 48.2 | 49.8 | 50.2 | 52.1 | 52.3 | 52.3 | 52.9 | 52.9 | 52.9  | 53.0  |
| >= 4500 | 13.6                       | 33.4 | 37.5 | 42.2 | 45.8 | 47.1 | 48.9 | 50.5 | 50.9 | 52.8 | 53.0 | 53.0 | 53.6 | 53.6 | 53.6  | 53.6  |
| >= 4000 | 14.4                       | 36.0 | 40.5 | 45.9 | 49.8 | 51.3 | 53.2 | 54.8 | 55.5 | 57.6 | 57.8 | 57.8 | 58.4 | 58.4 | 58.4  | 58.5  |
| >= 3500 | 15.3                       | 38.0 | 42.7 | 48.3 | 52.4 | 53.8 | 55.7 | 57.4 | 58.1 | 60.2 | 60.4 | 60.4 | 60.9 | 60.9 | 60.9  | 61.0  |
| >= 3000 | 16.8                       | 41.1 | 46.7 | 52.9 | 57.2 | 59.3 | 61.7 | 63.7 | 64.5 | 66.8 | 67.1 | 67.1 | 67.7 | 67.7 | 67.7  | 67.8  |
| >= 2500 | 17.8                       | 43.3 | 49.2 | 55.5 | 60.5 | 62.6 | 65.1 | 67.4 | 68.1 | 70.5 | 70.9 | 71.0 | 71.7 | 71.7 | 71.7  | 71.8  |
| >= 2000 | 19.5                       | 46.5 | 52.7 | 59.5 | 64.7 | 67.1 | 70.0 | 72.5 | 73.3 | 75.8 | 76.2 | 76.3 | 77.1 | 77.1 | 77.2  | 77.3  |
| >= 1800 | 19.6                       | 46.7 | 52.9 | 59.7 | 64.9 | 67.3 | 70.2 | 72.7 | 73.5 | 76.0 | 76.4 | 76.5 | 77.3 | 77.3 | 77.4  | 77.5  |
| >= 1500 | 20.4                       | 49.1 | 55.8 | 62.9 | 68.9 | 71.4 | 75.0 | 77.9 | 78.8 | 81.7 | 82.1 | 82.2 | 83.1 | 83.1 | 83.2  | 83.3  |
| >= 1200 | 20.8                       | 49.9 | 56.8 | 63.9 | 70.0 | 72.5 | 76.2 | 79.3 | 80.2 | 83.3 | 83.8 | 83.9 | 84.8 | 84.8 | 84.9  | 85.0  |
| >= 1000 | 21.3                       | 51.8 | 59.1 | 66.9 | 73.4 | 75.9 | 80.3 | 83.8 | 84.7 | 88.6 | 89.3 | 89.3 | 90.4 | 90.4 | 90.5  | 90.6  |
| >= 900  | 21.3                       | 51.8 | 59.1 | 66.9 | 73.4 | 75.9 | 80.4 | 83.9 | 84.8 | 88.7 | 89.3 | 89.4 | 90.6 | 90.6 | 90.7  | 90.8  |
| >= 800  | 21.5                       | 52.6 | 60.0 | 67.9 | 74.8 | 77.4 | 82.1 | 85.8 | 86.8 | 90.8 | 91.7 | 91.8 | 93.2 | 93.2 | 93.3  | 93.5  |
| >= 700  | 21.5                       | 52.7 | 60.2 | 68.1 | 75.0 | 77.7 | 82.4 | 86.3 | 87.3 | 91.3 | 92.4 | 92.5 | 93.9 | 93.9 | 94.0  | 94.2  |
| >= 600  | 21.5                       | 52.9 | 60.4 | 68.4 | 75.6 | 78.3 | 83.4 | 87.6 | 88.7 | 92.8 | 94.0 | 94.1 | 95.6 | 95.6 | 95.7  | 95.9  |
| >= 500  | 21.6                       | 53.6 | 61.1 | 69.3 | 76.5 | 79.2 | 84.5 | 88.7 | 89.8 | 94.1 | 95.5 | 95.6 | 97.1 | 97.2 | 97.3  | 97.5  |
| >= 400  | 21.6                       | 53.6 | 61.3 | 69.6 | 76.8 | 79.5 | 84.8 | 89.2 | 90.3 | 95.0 | 96.4 | 96.4 | 98.4 | 98.5 | 98.6  | 98.9  |
| >= 300  | 21.6                       | 53.7 | 61.4 | 69.7 | 76.9 | 79.6 | 85.0 | 89.4 | 90.6 | 95.4 | 96.7 | 96.8 | 99.1 | 99.1 | 99.2  | 99.5  |
| >= 200  | 21.6                       | 53.7 | 61.4 | 69.7 | 76.9 | 79.6 | 85.0 | 89.4 | 90.6 | 95.4 | 96.7 | 96.8 | 99.1 | 99.1 | 99.2  | 99.5  |
| >= 100  | 21.6                       | 53.8 | 61.5 | 69.8 | 77.0 | 79.7 | 85.1 | 89.5 | 90.7 | 95.6 | 97.1 | 97.2 | 99.4 | 99.4 | 99.5  | 99.8  |
| >= 0    | 21.6                       | 53.8 | 61.5 | 69.8 | 77.0 | 79.7 | 85.1 | 89.5 | 90.7 | 95.6 | 97.1 | 97.2 | 99.5 | 99.6 | 99.7  | 100.0 |

TOTAL NO. OF OBS : 1014

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 1200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | >=1  | 1/4  |
| UNLIMIT | 10.6                       | 23.6 | 26.6 | 29.8 | 31.3 | 31.6 | 32.1 | 32.4 | 32.4 | 32.6 |
| >=20000 | 11.8                       | 27.7 | 31.8 | 35.3 | 37.1 | 37.5 | 38.2 | 38.5 | 38.5 | 38.7 |
| >=18000 | 11.9                       | 27.8 | 31.9 | 35.4 | 37.2 | 37.6 | 38.3 | 38.6 | 38.7 | 38.9 |
| >=16000 | 11.9                       | 28.0 | 32.1 | 35.7 | 37.5 | 37.9 | 38.6 | 38.9 | 39.0 | 39.2 |
| >=14000 | 12.7                       | 29.3 | 33.4 | 37.0 | 38.8 | 39.2 | 39.9 | 40.2 | 40.3 | 40.5 |
| >=12000 | 14.0                       | 32.3 | 37.0 | 40.7 | 42.5 | 43.0 | 43.7 | 44.1 | 44.1 | 44.4 |
| >=10000 | 15.6                       | 37.0 | 42.2 | 46.3 | 48.6 | 49.1 | 50.2 | 50.6 | 50.7 | 51.1 |
| >= 9000 | 16.2                       | 37.8 | 43.0 | 47.5 | 49.9 | 50.5 | 51.7 | 52.1 | 52.2 | 52.6 |
| >= 8000 | 17.3                       | 41.6 | 47.4 | 52.8 | 55.5 | 56.3 | 57.7 | 58.4 | 58.5 | 59.0 |
| >= 7000 | 17.9                       | 42.8 | 49.0 | 54.6 | 57.5 | 58.3 | 59.8 | 60.5 | 60.6 | 61.2 |
| >= 6000 | 18.1                       | 43.7 | 49.9 | 55.6 | 58.6 | 59.5 | 61.0 | 61.7 | 61.8 | 62.4 |
| >= 5000 | 18.3                       | 44.5 | 51.4 | 57.2 | 60.4 | 61.3 | 62.8 | 63.5 | 63.6 | 64.2 |
| >= 4500 | 18.4                       | 44.8 | 51.8 | 57.7 | 60.9 | 61.8 | 63.3 | 64.0 | 64.1 | 64.7 |
| >= 4000 | 19.2                       | 47.5 | 54.8 | 61.6 | 64.8 | 65.8 | 67.7 | 68.5 | 68.6 | 69.1 |
| >= 3500 | 20.0                       | 49.4 | 56.7 | 63.8 | 67.2 | 68.2 | 70.0 | 70.9 | 71.0 | 71.6 |
| >= 3000 | 21.7                       | 53.8 | 62.1 | 69.9 | 73.6 | 74.7 | 76.8 | 77.9 | 78.0 | 78.8 |
| >= 2500 | 22.2                       | 55.3 | 64.0 | 72.2 | 76.0 | 77.1 | 79.3 | 80.4 | 80.5 | 81.3 |
| >= 2000 | 23.1                       | 57.5 | 66.8 | 75.5 | 79.4 | 80.5 | 82.8 | 84.1 | 84.2 | 85.2 |
| >= 1800 | 23.1                       | 57.7 | 67.0 | 75.7 | 79.6 | 80.7 | 83.0 | 84.3 | 84.4 | 85.5 |
| >= 1500 | 23.8                       | 60.0 | 69.5 | 78.9 | 82.9 | 84.2 | 86.7 | 88.2 | 88.4 | 89.7 |
| >= 1200 | 23.8                       | 60.5 | 70.2 | 79.7 | 83.7 | 85.0 | 87.5 | 89.0 | 89.2 | 90.6 |
| >= 1000 | 24.2                       | 61.8 | 71.6 | 81.3 | 86.0 | 87.6 | 90.2 | 92.1 | 92.4 | 94.1 |
| >= 900  | 24.2                       | 61.8 | 71.6 | 81.3 | 86.0 | 87.6 | 90.2 | 92.1 | 92.4 | 94.1 |
| >= 800  | 24.3                       | 62.1 | 72.1 | 82.1 | 87.2 | 88.9 | 91.5 | 93.5 | 93.8 | 95.7 |
| >= 700  | 24.3                       | 62.1 | 72.2 | 82.4 | 87.5 | 89.2 | 91.8 | 93.8 | 94.1 | 96.0 |
| >= 600  | 24.3                       | 62.2 | 72.3 | 82.6 | 87.9 | 89.6 | 92.2 | 94.2 | 94.6 | 96.5 |
| >= 500  | 24.3                       | 62.4 | 72.6 | 83.0 | 88.3 | 90.0 | 92.8 | 95.0 | 95.5 | 97.5 |
| >= 400  | 24.3                       | 62.4 | 72.7 | 83.1 | 88.5 | 90.2 | 93.0 | 95.2 | 95.7 | 97.8 |
| >= 300  | 24.3                       | 62.4 | 72.7 | 83.1 | 88.5 | 90.2 | 93.1 | 95.3 | 95.8 | 97.9 |
| >= 200  | 24.3                       | 62.4 | 72.7 | 83.1 | 88.5 | 90.2 | 93.2 | 95.4 | 95.9 | 98.0 |
| >= 100  | 24.3                       | 62.4 | 72.7 | 83.1 | 88.5 | 90.2 | 93.2 | 95.4 | 95.9 | 98.0 |
| >= 0    | 24.3                       | 62.4 | 72.7 | 83.1 | 88.5 | 90.2 | 93.2 | 95.4 | 95.9 | 98.0 |

TOTAL NO. OF OBS : 1008



043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 1500 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |         |      |         |         |
|---------|----------------------------|------|------|------|------|------|---------|------|---------|---------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2 >=2 | >=1  | 1/2 >=1 | 1/4 >=1 |
| UNLIMIT | 14.8                       | 30.3 | 33.0 | 34.7 | 34.9 | 35.1 | 35.2    | 35.2 | 35.2    | 35.2    |
| >=20000 | 16.4                       | 36.4 | 39.9 | 42.5 | 42.7 | 42.9 | 43.0    | 43.3 | 43.3    | 43.3    |
| >=18000 | 16.4                       | 36.5 | 40.0 | 42.7 | 42.9 | 43.1 | 43.2    | 43.5 | 43.5    | 43.5    |
| >=16000 | 16.5                       | 36.7 | 40.2 | 42.9 | 43.1 | 43.3 | 43.4    | 43.7 | 43.7    | 43.7    |
| >=14000 | 17.4                       | 38.2 | 41.7 | 44.5 | 44.7 | 45.0 | 45.2    | 45.5 | 45.5    | 45.5    |
| >=12000 | 18.7                       | 41.2 | 44.9 | 48.1 | 48.5 | 48.8 | 49.0    | 49.3 | 49.3    | 49.3    |
| >=10000 | 21.6                       | 47.4 | 51.5 | 55.2 | 55.8 | 56.1 | 56.7    | 57.1 | 57.2    | 57.2    |
| >= 9000 | 22.4                       | 48.4 | 52.6 | 56.5 | 57.1 | 57.4 | 58.0    | 58.4 | 58.5    | 58.5    |
| >= 8000 | 24.2                       | 52.2 | 56.9 | 61.3 | 62.1 | 62.5 | 63.1    | 63.6 | 63.7    | 63.7    |
| >= 7000 | 25.3                       | 53.9 | 58.6 | 63.4 | 64.3 | 64.8 | 65.5    | 66.1 | 66.2    | 66.2    |
| >= 6000 | 25.9                       | 55.1 | 59.9 | 64.8 | 65.7 | 66.2 | 66.9    | 67.4 | 67.5    | 67.7    |
| >= 5000 | 26.1                       | 56.3 | 61.5 | 66.5 | 67.6 | 68.2 | 68.9    | 69.4 | 69.5    | 69.7    |
| >= 4500 | 26.3                       | 56.9 | 62.2 | 67.2 | 68.5 | 69.0 | 69.7    | 70.2 | 70.3    | 70.5    |
| >= 4000 | 26.8                       | 59.5 | 65.3 | 71.0 | 72.4 | 73.0 | 73.7    | 74.2 | 74.5    | 74.5    |
| >= 3500 | 27.3                       | 61.3 | 67.4 | 73.4 | 74.8 | 75.5 | 76.2    | 76.7 | 77.1    | 77.1    |
| >= 3000 | 29.3                       | 65.6 | 72.3 | 78.9 | 80.5 | 81.1 | 81.9    | 82.7 | 83.1    | 83.1    |
| >= 2500 | 29.9                       | 67.2 | 74.1 | 81.1 | 82.9 | 83.5 | 84.4    | 85.3 | 85.7    | 85.7    |
| >= 2000 | 30.6                       | 69.2 | 76.4 | 83.5 | 85.3 | 86.0 | 86.9    | 87.8 | 88.4    | 88.5    |
| >= 1800 | 30.6                       | 69.3 | 76.5 | 83.6 | 85.4 | 86.1 | 87.0    | 87.9 | 88.5    | 88.6    |
| >= 1500 | 31.4                       | 71.4 | 78.8 | 86.1 | 88.0 | 88.7 | 89.7    | 90.7 | 91.4    | 91.5    |
| >= 1200 | 31.5                       | 71.8 | 79.3 | 86.6 | 88.5 | 89.2 | 90.3    | 91.3 | 92.0    | 92.2    |
| >= 1000 | 31.8                       | 72.8 | 80.3 | 88.1 | 90.3 | 91.2 | 92.3    | 93.5 | 94.5    | 94.7    |
| >= 900  | 31.8                       | 72.8 | 80.3 | 88.1 | 90.3 | 91.3 | 92.4    | 93.6 | 94.6    | 94.9    |
| >= 800  | 31.8                       | 73.2 | 81.0 | 89.2 | 91.6 | 92.6 | 93.8    | 95.1 | 96.3    | 96.8    |
| >= 700  | 31.8                       | 73.2 | 81.1 | 89.5 | 91.9 | 92.9 | 94.3    | 95.7 | 97.0    | 97.4    |
| >= 600  | 31.8                       | 73.2 | 81.1 | 89.7 | 92.3 | 93.3 | 94.8    | 96.2 | 97.5    | 97.9    |
| >= 500  | 31.8                       | 73.4 | 81.4 | 90.2 | 92.9 | 94.0 | 95.8    | 97.5 | 99.2    | 99.3    |
| >= 400  | 31.8                       | 73.4 | 81.4 | 90.2 | 92.9 | 94.0 | 95.8    | 97.5 | 99.3    | 99.4    |
| >= 300  | 31.8                       | 73.4 | 81.5 | 90.4 | 93.1 | 94.2 | 96.2    | 97.9 | 99.7    | 99.8    |
| >= 200  | 31.8                       | 73.4 | 81.5 | 90.4 | 93.1 | 94.2 | 96.2    | 97.9 | 99.8    | 99.9    |
| >= 100  | 31.8                       | 73.4 | 81.5 | 90.4 | 93.1 | 94.2 | 96.2    | 97.9 | 99.8    | 99.9    |
| >= 0    | 31.8                       | 73.4 | 81.5 | 90.4 | 93.1 | 94.2 | 96.2    | 97.9 | 99.8    | 99.9    |

TOTAL NO. OF OBS : 986

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 1800 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=1/4 |
| UNLIMIT | 13.8                       | 25.9 | 28.2 | 29.6 | 30.1 | 30.1    | 30.4 | 30.4    | 30.4 | 30.4  |
| >=20000 | 15.4                       | 31.3 | 34.7 | 36.3 | 36.8 | 36.8    | 37.1 | 37.2    | 37.2 | 37.2  |
| >=18000 | 15.4                       | 31.6 | 35.0 | 36.6 | 37.2 | 37.2    | 37.6 | 37.7    | 37.7 | 37.2  |
| >=16000 | 15.5                       | 31.7 | 35.1 | 36.7 | 37.3 | 37.3    | 37.7 | 37.8    | 37.8 | 37.7  |
| >=14000 | 16.3                       | 32.9 | 36.3 | 38.2 | 38.8 | 38.8    | 39.1 | 39.2    | 39.2 | 37.8  |
| >=12000 | 17.7                       | 36.4 | 40.4 | 42.4 | 43.1 | 43.1    | 43.4 | 43.5    | 43.5 | 39.2  |
| >=10000 | 19.8                       | 42.2 | 46.7 | 49.3 | 50.3 | 50.3    | 50.8 | 51.0    | 51.1 | 43.6  |
| >= 9000 | 20.1                       | 43.3 | 48.0 | 50.9 | 51.9 | 51.9    | 52.4 | 52.6    | 52.7 | 51.2  |
| >= 8000 | 21.8                       | 48.4 | 53.9 | 57.7 | 59.0 | 59.0    | 59.6 | 59.8    | 59.9 | 51.2  |
| >= 7000 | 22.3                       | 50.5 | 56.2 | 60.0 | 61.6 | 61.6    | 62.3 | 62.6    | 62.7 | 52.8  |
| >= 6000 | 22.5                       | 50.8 | 56.5 | 60.3 | 61.9 | 61.9    | 62.7 | 62.9    | 63.0 | 60.1  |
| >= 5000 | 23.3                       | 53.6 | 59.7 | 63.9 | 65.5 | 65.5    | 66.3 | 66.8    | 66.9 | 62.9  |
| >= 4500 | 23.4                       | 54.4 | 60.4 | 64.8 | 66.4 | 66.4    | 67.2 | 67.7    | 67.8 | 63.2  |
| >= 4000 | 25.2                       | 58.5 | 64.9 | 70.0 | 71.8 | 71.8    | 72.6 | 73.1    | 73.2 | 67.1  |
| >= 3500 | 25.9                       | 60.3 | 66.9 | 72.5 | 74.2 | 74.3    | 75.1 | 75.6    | 75.7 | 68.0  |
| >= 3000 | 28.1                       | 66.3 | 73.7 | 79.6 | 81.4 | 81.5    | 82.4 | 82.9    | 83.0 | 73.4  |
| >= 2500 | 28.5                       | 67.9 | 75.7 | 81.6 | 83.6 | 83.7    | 84.6 | 85.1    | 85.2 | 75.9  |
| >= 2000 | 29.1                       | 69.4 | 77.8 | 83.9 | 86.0 | 86.1    | 87.1 | 87.7    | 87.9 | 83.2  |
| >= 1800 | 29.3                       | 69.5 | 77.9 | 84.0 | 86.1 | 86.2    | 87.2 | 87.8    | 88.0 | 85.4  |
| >= 1500 | 30.3                       | 72.1 | 80.6 | 86.7 | 89.1 | 89.3    | 90.4 | 91.2    | 91.6 | 88.1  |
| >= 1200 | 30.3                       | 72.2 | 80.7 | 87.0 | 89.5 | 89.7    | 90.8 | 91.6    | 92.0 | 88.2  |
| >= 1000 | 30.5                       | 73.3 | 82.1 | 89.0 | 91.5 | 92.0    | 93.3 | 94.2    | 95.0 | 91.8  |
| >= 900  | 30.5                       | 73.3 | 82.1 | 89.1 | 91.6 | 92.1    | 93.4 | 94.3    | 95.1 | 92.3  |
| >= 800  | 30.6                       | 73.8 | 82.8 | 90.1 | 92.8 | 93.3    | 94.6 | 95.5    | 96.5 | 95.4  |
| >= 700  | 30.6                       | 73.9 | 82.9 | 90.2 | 93.0 | 93.5    | 94.8 | 95.7    | 96.7 | 95.5  |
| >= 600  | 30.6                       | 73.9 | 83.0 | 90.4 | 93.3 | 93.8    | 95.1 | 96.2    | 97.2 | 96.8  |
| >= 500  | 30.6                       | 74.3 | 83.6 | 91.0 | 94.0 | 94.7    | 96.2 | 97.5    | 98.6 | 97.1  |
| >= 400  | 30.6                       | 74.3 | 83.6 | 91.1 | 94.2 | 94.9    | 96.5 | 97.8    | 98.9 | 97.6  |
| >= 300  | 30.6                       | 74.4 | 83.7 | 91.2 | 94.3 | 95.0    | 96.7 | 98.0    | 99.1 | 99.1  |
| >= 200  | 30.6                       | 74.4 | 83.7 | 91.2 | 94.3 | 95.0    | 96.7 | 98.0    | 99.1 | 99.2  |
| >= 100  | 30.6                       | 74.4 | 83.7 | 91.2 | 94.3 | 95.0    | 96.7 | 98.0    | 99.1 | 99.4  |
| >= 0    | 30.6                       | 74.4 | 83.7 | 91.2 | 94.3 | 95.0    | 96.7 | 98.0    | 99.1 | 99.4  |

TOTAL NO. OF OBS : 988

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : 2100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
|         | >=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   |
| UNLIMIT | 15.5                       | 28.7 | 30.3 | 31.4 | 32.1 | 32.2    | 32.7 | 32.9    | 32.9    | 32.9 | 32.9  | 32.9  | 32.9  | 32.9   | 32.9  | 32.9  |
| >=20000 | 17.2                       | 33.4 | 35.3 | 36.7 | 37.6 | 37.8    | 38.3 | 38.5    | 38.5    | 38.6 | 38.6  | 38.6  | 38.6  | 38.6   | 38.6  | 38.6  |
| >=18000 | 17.2                       | 33.6 | 35.5 | 36.9 | 37.8 | 38.0    | 38.5 | 38.7    | 38.7    | 38.8 | 38.8  | 38.8  | 38.8  | 38.8   | 38.8  | 38.8  |
| >=16000 | 17.3                       | 33.7 | 35.6 | 37.0 | 38.0 | 38.2    | 38.7 | 39.0    | 39.0    | 39.1 | 39.1  | 39.1  | 39.1  | 39.1   | 39.1  | 39.1  |
| >=14000 | 18.0                       | 34.8 | 36.8 | 38.4 | 39.5 | 39.7    | 40.2 | 40.4    | 40.4    | 40.5 | 40.5  | 40.5  | 40.5  | 40.5   | 40.5  | 40.5  |
| >=12000 | 19.5                       | 36.6 | 38.6 | 40.4 | 41.4 | 41.6    | 42.1 | 42.3    | 42.3    | 42.5 | 42.5  | 42.5  | 42.5  | 42.5   | 42.5  | 42.5  |
| >=10000 | 21.9                       | 42.3 | 44.4 | 46.5 | 47.9 | 48.1    | 48.6 | 48.8    | 48.8    | 49.0 | 49.0  | 49.0  | 49.0  | 49.0   | 49.0  | 49.0  |
| >=9000  | 22.4                       | 43.3 | 45.6 | 47.7 | 49.1 | 49.3    | 49.8 | 50.1    | 50.1    | 50.3 | 50.3  | 50.3  | 50.3  | 50.3   | 50.3  | 50.3  |
| >=8000  | 24.1                       | 48.3 | 51.0 | 53.5 | 55.1 | 55.3    | 55.6 | 56.2    | 56.2    | 56.4 | 56.4  | 56.4  | 56.4  | 56.4   | 56.4  | 56.4  |
| >=7000  | 25.0                       | 50.3 | 53.0 | 55.6 | 57.3 | 57.6    | 58.2 | 58.6    | 58.6    | 58.8 | 58.8  | 58.8  | 58.8  | 58.8   | 58.8  | 58.8  |
| >=6000  | 25.6                       | 51.2 | 54.0 | 56.6 | 58.4 | 58.7    | 59.3 | 59.8    | 59.8    | 60.0 | 60.0  | 60.0  | 60.0  | 60.0   | 60.0  | 60.0  |
| >=5000  | 26.9                       | 53.6 | 56.4 | 59.1 | 60.9 | 61.3    | 62.0 | 62.5    | 62.5    | 62.7 | 62.7  | 62.7  | 62.7  | 62.7   | 62.7  | 62.7  |
| >=4500  | 27.4                       | 54.1 | 56.9 | 59.7 | 61.6 | 61.9    | 62.6 | 63.1    | 63.1    | 63.3 | 63.3  | 63.3  | 63.3  | 63.3   | 63.3  | 63.3  |
| >=4000  | 29.0                       | 57.1 | 60.4 | 64.1 | 66.1 | 66.4    | 67.1 | 67.6    | 67.6    | 67.8 | 67.8  | 67.8  | 67.8  | 67.8   | 67.8  | 67.8  |
| >=3500  | 29.8                       | 59.0 | 62.7 | 66.4 | 68.7 | 69.0    | 69.8 | 70.3    | 70.3    | 70.5 | 70.5  | 70.5  | 70.5  | 70.5   | 70.5  | 70.5  |
| >=3000  | 32.2                       | 64.2 | 68.6 | 73.1 | 75.9 | 76.2    | 77.1 | 77.7    | 77.7    | 78.0 | 78.0  | 78.0  | 78.0  | 78.0   | 78.0  | 78.0  |
| >=2500  | 33.2                       | 66.7 | 71.2 | 75.7 | 78.5 | 78.8    | 79.8 | 80.4    | 80.4    | 80.7 | 80.7  | 80.7  | 80.7  | 80.7   | 80.7  | 80.7  |
| >=2000  | 34.3                       | 69.8 | 75.2 | 79.9 | 82.8 | 83.1    | 84.5 | 85.1    | 85.1    | 85.4 | 85.4  | 85.4  | 85.4  | 85.4   | 85.4  | 85.4  |
| >=1800  | 34.3                       | 69.8 | 75.2 | 79.9 | 82.8 | 83.1    | 84.5 | 85.1    | 85.1    | 85.4 | 85.4  | 85.4  | 85.4  | 85.4   | 85.4  | 85.4  |
| >=1500  | 36.1                       | 72.0 | 77.7 | 82.7 | 86.0 | 86.5    | 87.8 | 88.5    | 88.5    | 89.2 | 89.2  | 89.2  | 89.2  | 89.2   | 89.2  | 89.2  |
| >=1200  | 36.9                       | 73.9 | 79.6 | 84.7 | 87.9 | 88.4    | 89.7 | 90.4    | 90.4    | 91.1 | 91.1  | 91.1  | 91.1  | 91.1   | 91.1  | 91.1  |
| >=1000  | 37.6                       | 75.7 | 81.5 | 86.9 | 90.6 | 91.2    | 92.6 | 93.3    | 93.3    | 94.1 | 94.1  | 94.1  | 94.1  | 94.1   | 94.1  | 94.1  |
| >=900   | 37.6                       | 75.7 | 81.5 | 86.9 | 90.6 | 91.2    | 92.6 | 93.3    | 93.3    | 94.1 | 94.1  | 94.1  | 94.1  | 94.1   | 94.1  | 94.1  |
| >=800   | 37.8                       | 76.6 | 82.5 | 87.9 | 91.9 | 92.5    | 94.1 | 95.0    | 95.0    | 96.0 | 96.0  | 96.0  | 96.0  | 96.0   | 96.0  | 96.0  |
| >=700   | 37.8                       | 76.8 | 82.7 | 88.2 | 92.3 | 92.9    | 94.8 | 95.6    | 95.6    | 96.6 | 96.6  | 96.6  | 96.6  | 96.6   | 96.6  | 96.6  |
| >=600   | 37.8                       | 76.8 | 82.7 | 88.2 | 92.4 | 93.0    | 94.9 | 95.7    | 95.7    | 96.7 | 96.7  | 96.7  | 96.7  | 96.7   | 96.7  | 96.7  |
| >=500   | 38.0                       | 77.5 | 83.6 | 89.1 | 93.3 | 94.0    | 96.1 | 96.9    | 96.9    | 98.1 | 98.1  | 98.2  | 98.5  | 98.5   | 98.5  | 98.5  |
| >=400   | 38.0                       | 77.5 | 83.6 | 89.2 | 93.4 | 94.1    | 96.2 | 97.2    | 97.2    | 98.4 | 98.4  | 98.5  | 98.9  | 98.9   | 99.1  | 99.1  |
| >=300   | 38.0                       | 77.6 | 83.7 | 89.3 | 93.6 | 94.3    | 96.6 | 97.5    | 97.5    | 98.7 | 98.8  | 98.8  | 99.4  | 99.4   | 99.6  | 99.6  |
| >=200   | 38.0                       | 77.6 | 83.7 | 89.3 | 93.6 | 94.3    | 96.8 | 97.7    | 97.7    | 98.9 | 99.0  | 99.0  | 99.8  | 99.8   | 100.0 | 100.0 |
| >=100   | 38.0                       | 77.6 | 83.7 | 89.3 | 93.6 | 94.3    | 96.8 | 97.7    | 97.7    | 98.9 | 99.0  | 99.0  | 99.8  | 99.8   | 100.0 | 100.0 |
| >=0     | 38.0                       | 77.6 | 83.7 | 89.3 | 93.6 | 94.3    | 96.8 | 97.7    | 97.7    | 98.9 | 99.0  | 99.0  | 99.8  | 99.8   | 100.0 | 100.0 |

TOTAL NO. OF OBS : 991

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JUL  
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |       |       |       |        |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | >=1  | 1/2  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 |
| UNLIMIT | 12.0                       | 23.5 | 25.5 | 27.1 | 28.0 | 28.3 | 28.7 | 28.9 | 29.0 | 29.0 | 29.2 | 29.3  | 29.3  | 29.4  | 29.4   | 29.4  |
| >=20000 | 13.2                       | 27.3 | 29.9 | 31.9 | 33.0 | 33.4 | 33.9 | 34.2 | 34.2 | 34.2 | 34.5 | 34.6  | 34.6  | 34.7  | 34.7   | 34.7  |
| >=18000 | 13.3                       | 27.4 | 30.0 | 32.0 | 33.1 | 33.5 | 34.0 | 34.3 | 34.4 | 34.4 | 34.7 | 34.8  | 34.8  | 34.8  | 34.8   | 34.9  |
| >=16000 | 13.4                       | 27.5 | 30.2 | 32.2 | 33.3 | 33.7 | 34.2 | 34.5 | 34.6 | 34.6 | 34.9 | 35.0  | 35.0  | 35.0  | 35.0   | 35.1  |
| >=14000 | 13.9                       | 28.3 | 31.0 | 33.1 | 34.3 | 34.7 | 35.2 | 35.6 | 35.6 | 35.6 | 35.9 | 36.0  | 36.0  | 36.1  | 36.1   | 36.1  |
| >=12000 | 15.1                       | 30.8 | 33.7 | 36.0 | 37.3 | 37.7 | 38.3 | 38.7 | 38.7 | 38.7 | 39.1 | 39.2  | 39.2  | 39.3  | 39.3   | 39.4  |
| >=10000 | 17.3                       | 35.8 | 39.2 | 41.9 | 43.6 | 44.1 | 44.9 | 45.4 | 45.5 | 45.5 | 45.9 | 46.1  | 46.1  | 46.2  | 46.2   | 46.2  |
| >=9000  | 17.8                       | 36.9 | 40.3 | 43.3 | 45.0 | 45.5 | 46.3 | 46.8 | 46.9 | 46.9 | 47.4 | 47.5  | 47.5  | 47.6  | 47.6   | 47.7  |
| >=8000  | 19.4                       | 41.2 | 45.2 | 48.7 | 50.7 | 51.3 | 52.3 | 52.9 | 53.0 | 53.0 | 53.6 | 53.7  | 53.7  | 53.9  | 53.9   | 53.9  |
| >=7000  | 20.2                       | 42.7 | 46.8 | 50.5 | 52.7 | 53.3 | 54.3 | 55.0 | 55.1 | 55.1 | 55.7 | 55.9  | 55.9  | 56.0  | 56.0   | 56.1  |
| >=6000  | 20.7                       | 43.5 | 47.7 | 51.4 | 53.6 | 54.3 | 55.4 | 56.1 | 56.1 | 56.1 | 56.8 | 56.9  | 57.0  | 57.1  | 57.1   | 57.1  |
| >=5000  | 21.4                       | 45.5 | 49.9 | 53.8 | 56.2 | 56.8 | 58.0 | 58.8 | 58.9 | 58.9 | 59.5 | 59.7  | 59.7  | 59.8  | 59.8   | 59.9  |
| >=4500  | 21.6                       | 45.9 | 50.4 | 54.4 | 56.7 | 57.4 | 58.6 | 59.4 | 59.5 | 59.5 | 60.1 | 60.3  | 60.3  | 60.4  | 60.4   | 60.5  |
| >=4000  | 22.9                       | 49.2 | 54.0 | 58.5 | 61.1 | 61.9 | 63.2 | 64.1 | 64.2 | 64.2 | 64.9 | 65.1  | 65.1  | 65.2  | 65.2   | 65.3  |
| >=3500  | 23.6                       | 50.8 | 55.8 | 60.6 | 63.3 | 64.0 | 65.4 | 66.3 | 66.4 | 66.4 | 67.1 | 67.3  | 67.3  | 67.5  | 67.5   | 67.5  |
| >=3000  | 25.7                       | 55.7 | 61.5 | 67.0 | 70.0 | 70.9 | 72.5 | 73.6 | 73.7 | 73.7 | 74.6 | 74.8  | 74.8  | 75.0  | 75.0   | 75.1  |
| >=2500  | 26.8                       | 57.9 | 64.0 | 69.6 | 72.8 | 73.7 | 75.4 | 76.6 | 76.8 | 76.8 | 77.6 | 77.9  | 77.9  | 78.1  | 78.1   | 78.2  |
| >=2000  | 27.9                       | 60.5 | 67.0 | 73.0 | 76.4 | 77.4 | 79.4 | 80.8 | 81.0 | 81.0 | 81.9 | 82.2  | 82.3  | 82.5  | 82.5   | 82.6  |
| >=1800  | 27.9                       | 60.6 | 67.1 | 73.1 | 76.5 | 77.5 | 79.5 | 80.9 | 81.1 | 81.1 | 82.0 | 82.3  | 82.4  | 82.6  | 82.6   | 82.7  |
| >=1500  | 29.1                       | 63.1 | 69.8 | 76.2 | 80.0 | 81.1 | 83.2 | 84.8 | 85.1 | 85.1 | 86.3 | 86.6  | 86.7  | 87.0  | 87.0   | 87.1  |
| >=1200  | 29.4                       | 63.7 | 70.6 | 77.0 | 80.8 | 81.9 | 84.1 | 85.8 | 86.0 | 86.0 | 87.3 | 87.6  | 87.7  | 88.0  | 88.0   | 88.1  |
| >=1000  | 29.9                       | 65.4 | 72.5 | 79.4 | 83.6 | 84.9 | 87.5 | 89.4 | 89.6 | 89.6 | 91.3 | 91.7  | 91.8  | 92.2  | 92.2   | 92.3  |
| >=900   | 29.9                       | 65.4 | 72.6 | 79.4 | 83.7 | 85.0 | 87.6 | 89.5 | 89.8 | 89.8 | 91.5 | 91.9  | 92.0  | 92.4  | 92.4   | 92.5  |
| >=800   | 30.1                       | 66.2 | 73.6 | 80.7 | 85.2 | 86.5 | 89.3 | 91.4 | 91.7 | 91.7 | 93.5 | 94.0  | 94.1  | 94.6  | 94.6   | 94.7  |
| >=700   | 30.2                       | 66.4 | 73.8 | 81.0 | 85.6 | 86.9 | 89.8 | 91.9 | 92.2 | 92.2 | 94.1 | 94.7  | 94.8  | 95.2  | 95.2   | 95.4  |
| >=600   | 30.3                       | 66.5 | 74.0 | 81.3 | 86.0 | 87.4 | 90.4 | 92.5 | 92.8 | 92.8 | 94.8 | 95.4  | 95.5  | 96.0  | 96.0   | 96.1  |
| >=500   | 30.4                       | 67.0 | 74.5 | 82.0 | 86.7 | 88.1 | 91.4 | 93.7 | 94.1 | 94.1 | 96.2 | 96.9  | 97.0  | 97.7  | 97.7   | 97.8  |
| >=400   | 30.4                       | 67.0 | 74.6 | 82.1 | 86.9 | 88.4 | 91.7 | 94.1 | 94.5 | 94.5 | 96.7 | 97.3  | 97.5  | 98.2  | 98.3   | 98.5  |
| >=300   | 30.4                       | 67.2 | 74.8 | 82.3 | 87.2 | 88.6 | 92.0 | 94.5 | 94.8 | 94.8 | 97.1 | 97.8  | 97.9  | 98.8  | 98.9   | 99.2  |
| >=200   | 30.4                       | 67.2 | 74.8 | 82.4 | 87.2 | 88.6 | 92.1 | 94.6 | 94.9 | 94.9 | 97.2 | 98.0  | 98.1  | 99.1  | 99.2   | 99.6  |
| >=100   | 30.4                       | 67.2 | 74.9 | 82.4 | 87.2 | 88.7 | 92.1 | 94.6 | 95.0 | 95.0 | 97.2 | 98.0  | 98.1  | 99.2  | 99.2   | 99.9  |
| >=0     | 30.4                       | 67.2 | 74.9 | 82.4 | 87.2 | 88.7 | 92.1 | 94.6 | 95.0 | 95.0 | 97.2 | 98.0  | 98.1  | 99.2  | 99.3   | 100.0 |

TOTAL NO. OF OBS : 8026

# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : 0000 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |     |       |      |  |  |  | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|--|--|--|---------|-----------------|
|             | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |       |      |  |  |  |         |                 |
| N           | .9            | 1.1   | 1.3  | 1.3   | .4    | .2    | .0    | .0    | .0    | .0    | .0  | 5.2   | 9.1  |  |  |  |         |                 |
| NNE         | .9            | 2.1   | 2.4  | 2.3   | .9    | .3    | .1    | .0    | .0    | .0    | .0  | 8.8   | 10.1 |  |  |  |         |                 |
| NE          | .9            | 1.5   | 1.2  | .4    | .4    | .1    | .0    | .1    | .0    | .0    | .0  | 4.6   | 8.1  |  |  |  |         |                 |
| ENE         | 1.0           | 1.9   | 2.0  | .7    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 5.7   | 7.0  |  |  |  |         |                 |
| E           | 1.3           | 1.0   | .5   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.9   | 4.5  |  |  |  |         |                 |
| ESE         | .7            | .4    | .2   | .1    | .0    | .0    | .1    | .0    | .0    | .0    | .0  | 1.4   | 6.6  |  |  |  |         |                 |
| SE          | .2            | .3    | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .8    | 5.8  |  |  |  |         |                 |
| SSE         | 1.4           | 1.6   | 1.0  | .3    | .0    | .0    | .0    | .1    | .0    | .0    | .0  | 4.5   | 6.0  |  |  |  |         |                 |
| S           | 2.6           | 4.6   | 4.1  | 2.6   | 1.1   | .4    | .2    | .0    | .0    | .0    | .0  | 15.6  | 8.6  |  |  |  |         |                 |
| SSW         | 2.5           | 6.4   | 6.6  | 5.5   | .7    | .1    | .0    | .0    | .0    | .0    | .0  | 21.7  | 8.4  |  |  |  |         |                 |
| SW          | .7            | 2.3   | 3.9  | 1.6   | .4    | .0    | .0    | .0    | .0    | .0    | .0  | 8.8   | 8.4  |  |  |  |         |                 |
| WSW         | .3            | 1.3   | .7   | .8    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 3.0   | 7.5  |  |  |  |         |                 |
| W           | .8            | 1.0   | .5   | .0    | .0    | .1    | .0    | .0    | .0    | .0    | .0  | 2.4   | 5.6  |  |  |  |         |                 |
| WNW         | .9            | .8    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.6   | 2.9  |  |  |  |         |                 |
| NW          | .7            | .5    | .4   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.6   | 5.1  |  |  |  |         |                 |
| NNW         | .6            | .9    | .8   | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 2.8   | 6.9  |  |  |  |         |                 |
| VAR         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0   |  |  |  |         |                 |
| CLM         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 8.6   | .0   |  |  |  |         |                 |
| ALL         | 16.0          | 27.8  | 25.8 | 16.0  | 4.0   | 1.1   | .4    | .2    | .0    | .0    | .0  | 100.0 | 7.2  |  |  |  |         |                 |

TOTAL NO. OF OBS : 1054

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

143323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : 0300 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |            |                       |
| N              | 1.4           | 1.9   | 2.5  | 2.1   | .6    | .2    | .2    | .0    | .0    | .0    | .0   | 8.8        | 9.6                   |
| NNE            | .9            | 1.5   | 2.4  | 3.0   | 1.1   | .1    | .1    | .0    | .0    | .0    | .0   | 9.1        | 10.5                  |
| NE             | 1.1           | 1.4   | 2.3  | .9    | .2    | .1    | .0    | .0    | .0    | .0    | .0   | 6.0        | 8.0                   |
| ENE            | .7            | 2.4   | 1.4  | .6    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 5.4        | 7.1                   |
| E              | 1.1           | 1.1   | .5   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.8        | 4.3                   |
| ESE            | .7            | .2    | .1   | .0    | .0    | .0    | .0    | .1    | .0    | .0    | .0   | 1.0        | 6.0                   |
| SE             | .2            | .4    | .2   | .0    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | .9         | 7.8                   |
| SSE            | .7            | 1.2   | .7   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.8        | 5.6                   |
| S              | 2.3           | 4.0   | 3.7  | 2.2   | 1.2   | .3    | .0    | .1    | .0    | .0    | .0   | 13.8       | 8.6                   |
| SSW            | 1.7           | 5.2   | 5.5  | 3.5   | .8    | .2    | .0    | .0    | .0    | .0    | .0   | 16.9       | 8.4                   |
| SW             | 1.2           | 1.8   | 2.9  | 1.5   | .5    | .0    | .0    | .0    | .0    | .0    | .0   | 8.0        | 8.3                   |
| WSW            | .5            | 1.7   | .8   | .6    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.5        | 6.7                   |
| W              | .4            | .9    | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.6        | 4.7                   |
| WNW            | .7            | .7    | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.6        | 4.3                   |
| NW             | 1.2           | 1.6   | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.1        | 4.2                   |
| NNW            | .9            | 1.3   | .4   | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.0        | 5.4                   |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0         | .0                    |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 11.7       | .0                    |
| ALL            | 15.7          | 27.4  | 24.1 | 15.1  | 4.7   | .9    | .3    | .2    | .0    | .0    | .0   | 100.0      | 7.0                   |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 PERIOD OF RECORD : 1953-1987 MONTH : AUG  
 CLASS : ALL WEATHER HOUR : 0600 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |       | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------|-----------------|
|             | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |         |                 |
| N           | 2.8           | 2.6   | 3.3  | 2.6   | 1.1   | .3    | .0    | .0    | .0    | .0    | .0   | 12.6  | 8.7     |                 |
| NNE         | .8            | 2.8   | 2.2  | 2.4   | .6    | .1    | .1    | .2    | .0    | .0    | .0   | 9.0   | 9.7     |                 |
| NE          | .2            | 2.4   | 2.5  | 1.4   | .3    | .1    | .0    | .0    | .0    | .0    | .0   | 6.8   | 8.6     |                 |
| NNE         | 1.0           | 1.8   | 1.6  | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.8   | 6.0     |                 |
| E           | .8            | 1.4   | .7   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.0   | 5.2     |                 |
| ESE         | .2            | .5    | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0   | 6.1     |                 |
| SE          | .4            | .2    | .2   | .0    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | .9    | 7.7     |                 |
| SSE         | .9            | .6    | .6   | .3    | .0    | .0    | .1    | .0    | .0    | .0    | .0   | 2.5   | 6.5     |                 |
| S           | 2.2           | 3.5   | 2.9  | 2.4   | .3    | .6    | .0    | .0    | .0    | .0    | .0   | 11.9  | 8.2     |                 |
| SSW         | 1.4           | 3.2   | 4.7  | 3.4   | .8    | .2    | .0    | .0    | .0    | .0    | .0   | 13.8  | 9.0     |                 |
| SW          | .9            | 1.3   | 1.9  | 1.2   | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 5.5   | 7.7     |                 |
| WSW         | 1.1           | .8    | 1.8  | .5    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 4.3   | 7.2     |                 |
| W           | .5            | .6    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1   | 4.1     |                 |
| WNW         | .9            | .2    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.2   | 3.3     |                 |
| NW          | 1.6           | 1.6   | .3   | .2    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 3.8   | 4.5     |                 |
| NNW         | 1.5           | 1.4   | .8   | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.2   | 5.6     |                 |
| VAR         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0      |                 |
| CLM         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 13.5  | .0      |                 |
| ALL         | 17.3          | 24.8  | 24.0 | 15.4  | 3.4   | 1.3   | .2    | .2    | .0    | .0    | .0   | 100.0 | 6.7     |                 |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
|             | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |         |                 |
| N           | 1.8           | 1.9  | 2.4  | 1.1   | .5    | .3    | .0    | .0    | .0    | .0    | .0   | 8.0     | 8.1             |
| NNE         | 2.5           | 4.3  | 3.9  | 3.7   | .6    | .4    | .0    | .0    | .0    | .0    | .0   | 15.3    | 8.4             |
| NE          | 2.9           | 4.9  | 2.7  | 1.7   | .1    | .2    | .1    | .0    | .0    | .0    | .0   | 12.6    | 6.6             |
| ENE         | 2.2           | 2.5  | 1.9  | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 7.0     | 5.5             |
| E           | 3.9           | 3.4  | .5   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8.0     | 3.8             |
| ESE         | 1.0           | 1.2  | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.4     | 3.8             |
| SE          | .4            | .5   | .4   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.3     | 5.3             |
| SSE         | .7            | .4   | .8   | .6    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 2.6     | 8.5             |
| S           | .6            | 2.5  | 4.3  | 2.8   | 1.1   | .4    | .0    | .0    | .0    | .0    | .0   | 11.6    | 9.9             |
| SSW         | .4            | 3.1  | 4.5  | 4.7   | .9    | .3    | .0    | .0    | .0    | .0    | .0   | 13.9    | 10.2            |
| SW          | .1            | 1.8  | 2.2  | 1.2   | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 5.6     | 8.9             |
| WSW         | .1            | .9   | 1.4  | 1.0   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.4     | 8.9             |
| W           | .5            | .7   | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.4     | 4.9             |
| WNW         | .3            | .3   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6      | 3.3             |
| NW          | .4            | .3   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7      | 3.4             |
| NNW         | .2            | .5   | .8   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 1.6     | 8.2             |
| VAR         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0      | .0              |
| CLM         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.1     | .0              |
| ALL         | 17.9          | 29.1 | 25.7 | 17.9  | 3.6   | 1.6   | .1    | .0    | .0    | .0    | .0   | 100.0   | 7.5             |

TOTAL NO. OF OBS : 1053

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1    | - | 3    | 4 | - | 6 | 7-10 | 11-16 | 17-21 | SPEED (KNOTS) |       |       |       |       |      | TOTAL |            | MEAN |
|--------|------|---|------|---|---|---|------|-------|-------|---------------|-------|-------|-------|-------|------|-------|------------|------|
| DIR.   |      |   |      |   |   |   |      |       |       | 22-27         | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     | WIND SPEED |      |
| N      | .7   |   | 2.1  |   |   |   | 2.1  | .9    | .5    | .2            | .1    | .0    | .0    | .0    | .0   | 6.5   | 9.0        |      |
| NNE    | 1.0  |   | 3.8  |   |   |   | 3.5  | 2.4   | .8    | .1            | .0    | .0    | .0    | .0    | .0   | 11.6  | 8.6        |      |
| NE     | 1.6  |   | 3.3  |   |   |   | 2.4  | 1.5   | .4    | .1            | .1    | .0    | .0    | .0    | .0   | 9.4   | 7.5        |      |
| ENE    | 1.9  |   | 2.2  |   |   |   | 1.6  | .8    | .0    | .0            | .0    | .0    | .0    | .0    | .0   | 6.5   | 5.9        |      |
| E      | 2.7  |   | 4.2  |   |   |   | 1.0  | .4    | .1    | .0            | .0    | .0    | .0    | .0    | .0   | 8.4   | 4.9        |      |
| ESE    | .5   |   | 1.0  |   |   |   | .7   | .0    | .0    | .0            | .0    | .0    | .0    | .0    | .0   | 2.2   | 5.1        |      |
| SE     | .6   |   | 1.1  |   |   |   | .5   | .3    | .0    | .0            | .0    | .0    | .0    | .0    | .0   | 2.5   | 5.9        |      |
| SSE    | .7   |   | 1.0  |   |   |   | 2.6  | 1.0   | .2    | .0            | .0    | .0    | .0    | .0    | .0   | 4.9   | 8.0        |      |
| S      | .7   |   | 3.0  |   |   |   | 4.8  | 4.9   | 1.1   | 1.0           | .2    | .1    | .0    | .0    | .0   | 15.8  | 11.1       |      |
| SSW    | .6   |   | 2.0  |   |   |   | 8.0  | 7.1   | 1.2   | .7            | .2    | .0    | .0    | .0    | .0   | 19.8  | 11.2       |      |
| SW     | .6   |   | 1.0  |   |   |   | 2.9  | 2.0   | .5    | .1            | .0    | .0    | .0    | .0    | .0   | 7.1   | 9.8        |      |
| WSW    | .4   |   | .6   |   |   |   | .8   | .5    | .1    | .0            | .0    | .0    | .0    | .0    | .0   | 2.3   | 8.9        |      |
| W      | .1   |   | .3   |   |   |   | .2   | .3    | .0    | .0            | .0    | .0    | .0    | .0    | .0   | .9    | 8.4        |      |
| WNW    | .1   |   | .0   |   |   |   | .1   | .0    | .0    | .0            | .0    | .0    | .0    | .0    | .0   | .2    | 5.0        |      |
| NW     | .2   |   | .2   |   |   |   | .0   | .0    | .0    | .0            | .0    | .0    | .0    | .0    | .0   | .4    | 3.0        |      |
| NNW    | .1   |   | .2   |   |   |   | .1   | .0    | .0    | .0            | .0    | .0    | .0    | .0    | .0   | .4    | 5.3        |      |
| VAR    | .0   |   | .0   |   |   |   | .0   | .0    | .0    | .0            | .0    | .0    | .0    | .0    | .0   | .0    | .0         |      |
| CLM    | .0   |   | .0   |   |   |   | .0   | .0    | .0    | .0            | .0    | .0    | .0    | .0    | .0   | 1.3   | .0         |      |
| ALL    | 12.3 |   | 26.2 |   |   |   | 30.6 | 22.0  | 4.9   | 2.1           | .6    | .1    | .0    | .0    | .0   | 100.0 | 8.7        |      |

TOTAL NO. OF OBS : 1051

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| N              | .4    | .3    | .9   | .6    | .2    | .2    | .1    | .0    | .0    | .0    | .0   | 2.6        | 11.0                  |
| NNE            | 1.0   | 2.0   | 2.4  | 2.1   | .4    | .2    | .0    | .0    | .0    | .0    | .0   | 8.1        | 8.9                   |
| NE             | .8    | 1.8   | 1.5  | 1.1   | .3    | .2    | .0    | .0    | .0    | .0    | .0   | 5.7        | 8.3                   |
| ENE            | .9    | .9    | 1.5  | .9    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 4.5        | 8.0                   |
| E              | 1.5   | 2.0   | 1.7  | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.5        | 5.7                   |
| ESE            | .3    | .7    | .5   | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 1.9        | 7.8                   |
| SE             | .7    | .5    | .4   | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0        | 6.6                   |
| SSE            | .3    | 1.2   | 2.0  | 1.0   | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 4.6        | 8.7                   |
| S              | .4    | 3.1   | 9.2  | 8.3   | 1.9   | .8    | .4    | .0    | .0    | .0    | .0   | 24.0       | 11.3                  |
| SSW            | .4    | 4.4   | 9.7  | 10.2  | 2.3   | .5    | .1    | .0    | .0    | .0    | .0   | 27.5       | 10.8                  |
| SW             | .2    | 1.2   | 3.6  | 2.9   | .4    | .1    | .0    | .0    | .0    | .0    | .0   | 8.4        | 9.9                   |
| WSW            | .1    | .9    | .8   | .6    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.4        | 8.3                   |
| W              | .2    | .3    | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6         | 5.8                   |
| WNW            | .0    | .0    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .1         | 7.0                   |
| NW             | .0    | .0    | .0   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .1         | 20.0                  |
| NNW            | .0    | .4    | .2   | .1    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | .8         | 9.8                   |
| VAR            | .0    | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0         | .0                    |
| CLM            | .0    | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0         | .0                    |
| ALL            | 7.0   | 19.6  | 34.4 | 29.1  | 5.8   | 2.1   | .6    | .0    | .0    | .0    | .0   | 100.0      | 9.7                   |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

Q43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : 1800 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |   |   |   |      |   |      |       |       |       |       |       |       |       |      | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|---|---|---|------|---|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
|                | 1             | 2 | 3 | 4 | 5    | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |            |                       |
| N              | .4            |   |   |   | .5   |   | .3   | .4    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 1.7        | 8.8                   |
| NNE            | .1            |   |   |   | .4   |   | .8   | 1.8   | .6    | .3    | .1    | .0    | .0    | .0    | .0   | 4.1        | 13.9                  |
| NE             | .4            |   |   |   | .8   |   | 1.3  | 1.0   | .1    | .2    | .0    | .0    | .0    | .0    | .0   | 3.8        | 9.9                   |
| ENE            | .3            |   |   |   | .4   |   | 1.3  | 1.2   | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 3.3        | 9.3                   |
| E              | .6            |   |   |   | 1.1  |   | 2.8  | 1.3   | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 5.9        | 8.4                   |
| ESE            | .2            |   |   |   | .9   |   | .9   | .4    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | 2.5        | 8.1                   |
| SE             | .3            |   |   |   | .4   |   | .4   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1        | 6.3                   |
| SSE            | .6            |   |   |   | .9   |   | 1.6  | .6    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 3.8        | 8.2                   |
| S              | .7            |   |   |   | 5.0  |   | 9.6  | 9.1   | 1.1   | .6    | .1    | .0    | .0    | .0    | .0   | 26.2       | 10.1                  |
| SSW            | 1.0           |   |   |   | 5.6  |   | 9.3  | 8.4   | 2.0   | .3    | .0    | .0    | .0    | .0    | .0   | 26.7       | 10.0                  |
| SW             | .7            |   |   |   | 4.5  |   | 3.0  | 2.7   | .5    | .0    | .0    | .0    | .0    | .0    | .0   | 11.3       | 8.4                   |
| WSW            | .9            |   |   |   | 2.0  |   | .6   | .6    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 4.2        | 6.6                   |
| W              | .6            |   |   |   | .7   |   | .4   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.7        | 5.4                   |
| WNW            | .2            |   |   |   | .2   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4         | 3.5                   |
| NW             | .0            |   |   |   | .4   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4         | 4.5                   |
| NNW            | .3            |   |   |   | .1   |   | .2   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8         | 7.0                   |
| VAR            | .0            |   |   |   | .0   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0         | .0                    |
| CLM            | .0            |   |   |   | .0   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.3        | .0                    |
| ALL            | 7.0           |   |   |   | 23.7 |   | 32.4 | 27.9  | 4.9   | 1.5   | .2    | .1    | .0    | .0    | .0   | 100.0      | 9.2                   |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 PERIOD OF RECORD : 1953-1987 MONTH : AUG  
 CLASS : ALL WEATHER HOUR : 2100 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. |      | SPEED (KNOTS) |     |   |      |      |       |       |       |       |       |       |       |      |       |      |  | TOTAL | MEAN |
|--------|------|---------------|-----|---|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|--|-------|------|
| DIR.   |      | 1             | - 3 | 4 | - 6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     |      |  |       |      |
| N      | .7   | .5            |     |   |      | .5   | .8    | .3    | .1    | .1    | .0    | .0    | .0    | .0   | 2.8   | 10.2 |  |       |      |
| NNE    | .1   | .8            |     |   | 1.1  | 1.9  |       | .4    | .1    | .1    | .0    | .0    | .0    | .0   | 4.5   | 11.5 |  |       |      |
| NE     | .3   | .9            |     |   | 1.1  | 1.1  |       | .4    | .2    | .1    | .0    | .0    | .0    | .0   | 4.1   | 10.8 |  |       |      |
| ENE    | .2   | 1.0           |     |   | 2.8  | .9   |       | .0    | .0    | .1    | .0    | .0    | .0    | .0   | 4.9   | 8.5  |  |       |      |
| E      | .9   | 2.6           |     |   | 2.5  | .7   |       | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.5   | 6.7  |  |       |      |
| ESE    | .5   | 1.5           |     |   | .8   | .1   |       | .0    | .0    | .1    | .1    | .0    | .0    | .0   | 3.0   | 7.6  |  |       |      |
| SE     | .8   | .8            |     |   | .8   | .0   |       | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.3   | 5.2  |  |       |      |
| SSE    | 1.3  | 2.2           |     |   | .8   | .6   |       | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.8   | 5.6  |  |       |      |
| S      | 1.5  | 6.6           |     |   | 7.5  | 3.8  |       | .7    | .4    | .2    | .1    | .0    | .0    | .0   | 20.8  | 8.6  |  |       |      |
| SSW    | 2.4  | 5.7           |     |   | 7.5  | 6.6  |       | 1.6   | .1    | .1    | .0    | .0    | .0    | .0   | 24.0  | 9.2  |  |       |      |
| SW     | .9   | 1.7           |     |   | 3.0  | 2.7  |       | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 8.5   | 9.1  |  |       |      |
| WSW    | .9   | .9            |     |   | .8   | 1.0  |       | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 3.9   | 8.0  |  |       |      |
| W      | .9   | .3            |     |   | .1   | .1   |       | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.4   | 3.9  |  |       |      |
| WNW    | .6   | .3            |     |   | .1   | .0   |       | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .9    | 3.4  |  |       |      |
| NW     | .1   | .4            |     |   | .2   | .0   |       | .1    | .1    | .0    | .0    | .0    | .0    | .0   | .9    | 9.3  |  |       |      |
| NNW    | .4   | .3            |     |   | .4   | .3   |       | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.3   | 7.1  |  |       |      |
| VAR    | .0   | .0            |     |   | .0   | .0   |       | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   |  |       |      |
| CLM    | .0   | .0            |     |   | .0   | .0   |       | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.2   | .0   |  |       |      |
| ALL    | 12.3 | 26.4          |     |   | 29.8 | 20.5 |       | 3.8   | 1.0   | .8    | .2    | .0    | .0    | .0   | 100.0 | 8.1  |  |       |      |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1    | 3    | 4    | 6    | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN       |
|--------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|
| DIR.   | 1    | 3    | 4    | 6    | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     | WIND SPEED |
| N      | 1.1  | 1.4  | 1.6  | 1.2  | 1.2  | 1.2   | .5    | .2    | .1    | .0    | .0    | .0    | .0   | 6.0   | 9.1        |
| NNE    | .9   | 2.2  | 2.3  | 2.4  | 2.4  | 2.4   | .7    | .2    | .1    | .0*   | .0    | .0    | .0   | 8.8   | 9.7        |
| NE     | 1.0  | 2.1  | 1.9  | 1.2  | 1.2  | 1.2   | .3    | .1    | .0*   | .0*   | .0    | .0    | .0   | 6.6   | 8.1        |
| ENE    | 1.0  | 1.6  | 1.8  | .8   | .8   | .8    | .1    | .0*   | .0*   | .0    | .0    | .0    | .0   | 5.3   | 6.9        |
| E      | 1.6  | 2.1  | 1.3  | .4   | .4   | .4    | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | 5.4   | 5.5        |
| ESE    | .5   | .8   | .4   | .1   | .1   | .1    | .0*   | .0*   | .0*   | .0*   | .0    | .0    | .0   | 1.9   | 6.5        |
| SE     | .4   | .5   | .4   | .1   | .1   | .1    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0   | 1.5   | 6.1        |
| SSE    | .8   | 1.1  | 1.2  | .6   | .6   | .6    | .1    | .0*   | .0*   | .0*   | .0    | .0    | .0   | 3.8   | 7.1        |
| S      | 1.4  | 4.1  | 5.8  | 4.5  | 4.5  | 4.5   | 1.1   | .5    | .1    | .0*   | .0    | .0    | .0   | 17.4  | 9.7        |
| SSW    | 1.3  | 4.4  | 7.0  | 6.2  | 6.2  | 6.2   | 1.3   | .3    | .0*   | .0    | .0    | .0    | .0   | 20.5  | 9.7        |
| SW     | .7   | 2.0  | 2.9  | 2.0  | 2.0  | 2.0   | .3    | .0*   | .0    | .0    | .0    | .0    | .0   | 7.9   | 8.8        |
| WSW    | .5   | 1.1  | .9   | .7   | .7   | .7    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 3.4   | 7.7        |
| W      | .5   | .6   | .2   | .1   | .1   | .1    | .0    | .0*   | .0    | .0    | .0    | .0    | .0   | 1.4   | 5.2        |
| WNW    | .5   | .3   | .1   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 3.6        |
| NW     | .5   | .6   | .1   | .0*  | .0*  | .0*   | .0*   | .0*   | .0    | .0    | .0    | .0    | .0   | 1.4   | 4.9        |
| NNW    | .5   | .6   | .4   | .2   | .2   | .2    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0   | 1.9   | 6.5        |
| VAR    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |
| CLM    | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |
| ALL    | 13.2 | 25.6 | 28.4 | 20.5 | 20.5 | 20.5  | 4.4   | 1.5   | .4    | .1    | .0    | .0    | .0   | 100.0 | 8.0        |

TOTAL NO. OF OBS : 8428

NOTES :  
 \* = PERCENT < .05

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : AJG  
HOUR : 0000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 21.5                       | 38.5 | 40.3 | 41.8 | 42.6 | 43.1 | 43.5 | 43.6 | 43.6 | 43.8 |
| >=20000 | 22.8                       | 41.1 | 43.3 | 45.0 | 46.1 | 46.6 | 47.0 | 47.1 | 47.1 | 47.3 |
| >=18000 | 22.8                       | 41.2 | 43.4 | 45.1 | 46.2 | 46.7 | 47.1 | 47.2 | 47.2 | 47.4 |
| >=16000 | 22.8                       | 41.3 | 43.5 | 45.2 | 46.3 | 46.8 | 47.2 | 47.3 | 47.3 | 47.5 |
| >=14000 | 23.5                       | 42.1 | 44.4 | 46.2 | 47.3 | 47.9 | 48.3 | 48.5 | 48.5 | 48.7 |
| >=12000 | 24.9                       | 44.3 | 46.8 | 48.6 | 49.8 | 50.3 | 50.7 | 50.9 | 50.9 | 51.1 |
| >=10000 | 27.2                       | 48.3 | 51.1 | 53.0 | 54.5 | 55.1 | 55.5 | 55.7 | 55.7 | 56.0 |
| >= 9000 | 27.8                       | 49.4 | 52.3 | 54.3 | 55.9 | 56.5 | 56.9 | 57.1 | 57.1 | 57.4 |
| >= 8000 | 29.4                       | 54.3 | 57.5 | 60.2 | 62.1 | 62.8 | 63.3 | 63.5 | 63.5 | 63.8 |
| >= 7000 | 30.7                       | 56.2 | 59.4 | 62.5 | 64.6 | 65.3 | 65.8 | 66.0 | 66.0 | 66.3 |
| >= 6000 | 30.9                       | 56.5 | 59.7 | 62.9 | 65.0 | 65.6 | 66.2 | 66.4 | 66.4 | 66.7 |
| >= 5000 | 31.8                       | 58.5 | 61.8 | 65.1 | 67.5 | 68.2 | 68.8 | 69.0 | 69.0 | 69.3 |
| >= 4500 | 32.1                       | 58.9 | 62.3 | 65.5 | 68.1 | 68.8 | 69.4 | 69.6 | 69.6 | 69.9 |
| >= 4000 | 32.7                       | 60.9 | 64.5 | 67.8 | 70.6 | 71.3 | 72.0 | 72.2 | 72.2 | 72.5 |
| >= 3500 | 33.1                       | 61.9 | 65.7 | 69.4 | 72.3 | 73.0 | 73.6 | 73.8 | 73.8 | 74.1 |
| >= 3000 | 34.9                       | 66.7 | 70.8 | 74.7 | 77.8 | 78.6 | 79.4 | 79.6 | 79.6 | 79.9 |
| >= 2500 | 35.7                       | 68.5 | 72.7 | 76.9 | 80.0 | 80.8 | 81.5 | 81.7 | 81.7 | 82.1 |
| >= 2000 | 37.8                       | 72.0 | 76.3 | 80.8 | 84.3 | 85.2 | 86.1 | 86.3 | 86.3 | 86.7 |
| >= 1800 | 37.8                       | 72.0 | 76.3 | 80.8 | 84.3 | 85.2 | 86.1 | 86.3 | 86.3 | 86.7 |
| >= 1500 | 39.1                       | 74.7 | 79.5 | 84.4 | 88.5 | 89.3 | 90.4 | 90.8 | 90.8 | 91.3 |
| >= 1200 | 39.4                       | 75.3 | 80.1 | 85.0 | 89.0 | 89.9 | 91.0 | 91.4 | 91.4 | 91.9 |
| >= 1000 | 40.9                       | 78.2 | 83.2 | 88.5 | 92.8 | 93.7 | 95.2 | 95.6 | 95.6 | 96.2 |
| >= 900  | 41.0                       | 78.4 | 83.4 | 88.6 | 93.0 | 93.9 | 95.4 | 95.8 | 95.8 | 96.3 |
| >= 800  | 41.4                       | 79.6 | 84.6 | 90.0 | 94.4 | 95.3 | 96.9 | 97.3 | 97.3 | 98.0 |
| >= 700  | 41.5                       | 79.7 | 84.7 | 90.1 | 94.5 | 95.4 | 97.0 | 97.4 | 97.4 | 98.1 |
| >= 600  | 41.5                       | 79.7 | 84.9 | 90.3 | 94.7 | 95.6 | 97.2 | 97.7 | 97.7 | 98.4 |
| >= 500  | 41.6                       | 80.1 | 85.3 | 90.8 | 95.4 | 96.2 | 98.0 | 98.6 | 98.6 | 99.4 |
| >= 400  | 41.7                       | 80.2 | 85.4 | 90.9 | 95.5 | 96.3 | 98.1 | 98.8 | 98.8 | 99.7 |
| >= 300  | 41.7                       | 80.2 | 85.4 | 90.9 | 95.5 | 96.3 | 98.1 | 98.8 | 98.8 | 99.7 |
| >= 200  | 41.7                       | 80.2 | 85.4 | 90.9 | 95.5 | 96.3 | 98.1 | 98.8 | 98.8 | 99.7 |
| >= 100  | 41.7                       | 80.2 | 85.4 | 90.9 | 95.5 | 96.3 | 98.1 | 98.8 | 98.8 | 99.7 |
| >= 0    | 41.7                       | 80.2 | 85.4 | 90.9 | 95.5 | 96.3 | 98.1 | 98.8 | 98.8 | 99.7 |

TOTAL NO. OF OBS : 1013

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1   |
| UNLIMIT | 19.8                       | 36.2 | 37.9 | 38.8 | 40.7 | 40.9 | 41.9 | 42.0 | 42.0 | 42.1  |
| >=20000 | 20.3                       | 38.1 | 40.2 | 41.6 | 43.5 | 43.8 | 45.1 | 45.3 | 45.3 | 45.4  |
| >=18000 | 20.4                       | 38.3 | 40.4 | 41.6 | 43.7 | 44.0 | 45.3 | 45.5 | 45.5 | 45.6  |
| >=16000 | 20.5                       | 38.5 | 40.6 | 41.8 | 43.9 | 44.2 | 45.5 | 45.7 | 45.7 | 45.7  |
| >=14000 | 20.8                       | 38.8 | 40.9 | 42.2 | 44.3 | 44.6 | 45.9 | 46.2 | 46.2 | 46.3  |
| >=12000 | 21.6                       | 40.8 | 42.8 | 44.2 | 46.2 | 46.5 | 48.0 | 48.3 | 48.3 | 48.4  |
| >=10000 | 23.6                       | 44.0 | 46.2 | 47.9 | 50.2 | 50.7 | 52.3 | 52.6 | 52.6 | 52.9  |
| >=9000  | 23.9                       | 45.1 | 47.4 | 49.1 | 51.5 | 52.0 | 53.6 | 53.9 | 53.9 | 54.2  |
| >=8000  | 25.3                       | 47.9 | 50.6 | 52.9 | 55.7 | 56.3 | 58.0 | 58.5 | 58.5 | 58.9  |
| >=7000  | 26.1                       | 49.4 | 52.1 | 54.4 | 57.6 | 58.2 | 59.8 | 60.4 | 60.4 | 60.9  |
| >=6000  | 26.2                       | 49.6 | 52.3 | 54.6 | 57.8 | 58.5 | 60.1 | 60.7 | 61.2 | 61.2  |
| >=5000  | 27.4                       | 51.7 | 54.4 | 57.0 | 60.2 | 60.9 | 62.7 | 63.2 | 63.2 | 63.7  |
| >=4500  | 27.5                       | 51.9 | 54.6 | 57.2 | 60.4 | 61.1 | 63.0 | 63.6 | 63.6 | 64.1  |
| >=4000  | 29.2                       | 55.7 | 58.7 | 61.4 | 64.9 | 65.6 | 67.5 | 68.1 | 68.1 | 68.6  |
| >=3500  | 29.9                       | 57.5 | 60.6 | 63.3 | 67.0 | 67.6 | 69.7 | 70.3 | 70.3 | 70.8  |
| >=3000  | 31.1                       | 61.4 | 64.7 | 67.9 | 71.7 | 72.5 | 74.9 | 75.7 | 75.7 | 76.2  |
| >=2500  | 32.5                       | 63.8 | 67.4 | 70.9 | 74.9 | 75.7 | 78.1 | 79.0 | 79.0 | 79.6  |
| >=2000  | 33.9                       | 67.9 | 72.0 | 76.1 | 80.4 | 81.1 | 83.8 | 84.8 | 84.8 | 85.7  |
| >=1800  | 34.0                       | 68.0 | 72.1 | 76.2 | 80.4 | 81.2 | 83.9 | 84.9 | 84.9 | 85.8  |
| >=1500  | 35.6                       | 71.6 | 76.1 | 80.6 | 85.0 | 85.8 | 88.7 | 89.8 | 89.8 | 90.9  |
| >=1200  | 35.8                       | 71.8 | 76.4 | 81.0 | 85.4 | 86.2 | 89.1 | 90.2 | 90.2 | 91.4  |
| >=1000  | 36.9                       | 74.5 | 79.4 | 84.5 | 89.1 | 90.0 | 93.1 | 94.4 | 94.4 | 95.8  |
| >=900   | 37.0                       | 74.6 | 79.5 | 84.6 | 89.1 | 90.1 | 93.2 | 94.5 | 94.5 | 95.9  |
| >=800   | 37.2                       | 75.5 | 80.6 | 85.9 | 90.8 | 91.9 | 95.0 | 96.5 | 96.5 | 98.1  |
| >=700   | 37.2                       | 75.6 | 80.8 | 86.1 | 91.0 | 92.1 | 95.2 | 96.7 | 96.7 | 98.3  |
| >=600   | 37.2                       | 75.6 | 80.9 | 86.2 | 91.1 | 92.2 | 95.3 | 96.8 | 96.8 | 98.6  |
| >=500   | 37.2                       | 75.9 | 81.2 | 86.6 | 91.5 | 92.6 | 95.8 | 97.3 | 97.3 | 99.1  |
| >=400   | 37.2                       | 76.1 | 81.4 | 86.8 | 91.7 | 92.8 | 96.1 | 97.7 | 97.7 | 99.5  |
| >=300   | 37.2                       | 76.1 | 81.4 | 86.9 | 91.8 | 93.0 | 96.3 | 97.9 | 97.9 | 99.8  |
| >=200   | 37.2                       | 76.1 | 81.4 | 86.9 | 91.8 | 93.0 | 96.4 | 98.0 | 98.0 | 99.9  |
| >=100   | 37.2                       | 76.1 | 81.4 | 86.9 | 91.8 | 93.0 | 96.4 | 98.0 | 98.0 | 100.0 |
| >=0     | 37.2                       | 76.1 | 81.4 | 86.9 | 91.8 | 93.0 | 96.4 | 98.0 | 98.0 | 100.0 |

TOTAL NO. OF OBS : 1023

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : 0600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |
| UNLIMIT | 10.1                       | 22.6 | 25.9 | 28.4 | 30.2 | 30.3 | 31.4 | 32.1 | 32.4 | 33.1 | 33.3 | 33.3 | 33.3  | 33.3  | 33.3  | 33.3   | 33.3  | 33.3  |
| >=20000 | 11.6                       | 26.0 | 29.6 | 32.4 | 34.4 | 34.6 | 36.0 | 36.6 | 37.0 | 37.7 | 38.0 | 38.0 | 38.0  | 38.0  | 38.0  | 38.0   | 38.0  | 38.0  |
| >=18000 | 11.6                       | 26.3 | 29.9 | 32.7 | 34.8 | 35.0 | 36.3 | 37.0 | 37.4 | 38.1 | 38.4 | 38.4 | 38.4  | 38.4  | 38.4  | 38.4   | 38.4  | 38.4  |
| >=16000 | 11.6                       | 26.3 | 29.9 | 32.7 | 34.8 | 35.1 | 36.4 | 37.1 | 37.5 | 38.2 | 38.5 | 38.5 | 38.5  | 38.5  | 38.5  | 38.5   | 38.5  | 38.5  |
| >=14000 | 12.0                       | 27.0 | 30.6 | 33.4 | 35.5 | 35.8 | 37.2 | 37.9 | 38.4 | 39.2 | 39.5 | 39.5 | 39.5  | 39.5  | 39.5  | 39.5   | 39.5  | 39.5  |
| >=12000 | 12.8                       | 28.8 | 32.6 | 35.6 | 37.7 | 38.1 | 39.7 | 40.4 | 40.9 | 41.7 | 42.1 | 42.1 | 42.1  | 42.1  | 42.1  | 42.1   | 42.1  | 42.1  |
| >=10000 | 13.9                       | 32.5 | 36.7 | 40.1 | 42.4 | 42.8 | 44.5 | 45.3 | 45.8 | 46.8 | 47.3 | 47.3 | 47.3  | 47.3  | 47.4  | 47.4   | 47.4  | 47.4  |
| >= 9000 | 14.1                       | 32.7 | 37.1 | 40.6 | 42.9 | 43.4 | 45.2 | 46.0 | 46.5 | 47.4 | 48.0 | 48.0 | 48.0  | 48.0  | 48.1  | 48.1   | 48.1  | 48.1  |
| >= 8000 | 15.4                       | 36.0 | 40.8 | 44.6 | 47.2 | 47.7 | 49.7 | 50.6 | 51.1 | 52.2 | 52.8 | 52.8 | 52.8  | 52.8  | 53.0  | 53.0   | 53.0  | 53.0  |
| >= 7000 | 15.8                       | 37.6 | 42.5 | 46.6 | 49.4 | 49.9 | 52.1 | 52.9 | 53.4 | 54.6 | 55.5 | 55.5 | 55.5  | 55.5  | 55.7  | 55.7   | 55.8  | 55.8  |
| >= 6000 | 16.0                       | 38.0 | 42.9 | 47.1 | 49.9 | 50.4 | 52.7 | 53.5 | 54.0 | 55.2 | 56.1 | 56.1 | 56.1  | 56.1  | 56.3  | 56.3   | 56.4  | 56.4  |
| >= 5000 | 16.8                       | 39.7 | 44.8 | 48.9 | 52.0 | 52.5 | 54.7 | 55.7 | 56.2 | 57.4 | 58.3 | 58.3 | 58.3  | 58.3  | 58.4  | 58.4   | 58.5  | 58.5  |
| >= 4500 | 17.0                       | 40.3 | 45.4 | 49.6 | 52.8 | 53.2 | 55.6 | 56.6 | 57.1 | 58.3 | 59.2 | 59.2 | 59.2  | 59.2  | 59.4  | 59.4   | 59.5  | 59.5  |
| >= 4000 | 18.0                       | 42.6 | 48.1 | 52.8 | 56.0 | 56.5 | 58.8 | 60.0 | 60.5 | 61.9 | 62.9 | 62.9 | 62.9  | 62.9  | 63.1  | 63.1   | 63.2  | 63.2  |
| >= 3500 | 18.7                       | 43.6 | 49.2 | 54.0 | 57.5 | 58.0 | 60.3 | 61.5 | 62.1 | 63.5 | 64.4 | 64.4 | 64.4  | 64.4  | 64.6  | 64.6   | 64.7  | 64.7  |
| >= 3000 | 19.6                       | 47.3 | 53.2 | 58.5 | 62.4 | 63.1 | 65.6 | 66.9 | 67.5 | 69.0 | 69.9 | 69.9 | 69.9  | 69.9  | 70.1  | 70.1   | 70.2  | 70.2  |
| >= 2500 | 20.6                       | 49.7 | 55.8 | 61.6 | 65.7 | 66.6 | 69.3 | 70.7 | 71.3 | 73.1 | 74.1 | 74.1 | 74.1  | 74.1  | 74.3  | 74.3   | 74.4  | 74.4  |
| >= 2000 | 21.6                       | 53.7 | 60.5 | 66.6 | 71.5 | 72.2 | 75.0 | 76.6 | 77.3 | 79.1 | 80.1 | 80.1 | 80.1  | 80.1  | 80.5  | 80.5   | 80.6  | 80.6  |
| >= 1800 | 21.6                       | 53.8 | 60.6 | 66.7 | 71.4 | 72.3 | 75.1 | 76.7 | 77.4 | 79.2 | 80.2 | 80.2 | 80.2  | 80.2  | 80.6  | 80.6   | 80.6  | 80.6  |
| >= 1500 | 22.4                       | 56.2 | 63.8 | 70.6 | 75.9 | 76.9 | 80.1 | 82.0 | 82.7 | 84.6 | 85.7 | 85.7 | 85.7  | 85.7  | 86.1  | 86.1   | 86.1  | 86.1  |
| >= 1200 | 22.8                       | 57.1 | 64.6 | 71.5 | 76.9 | 77.9 | 81.2 | 83.2 | 83.9 | 86.0 | 87.0 | 87.0 | 87.0  | 87.0  | 87.4  | 87.4   | 87.5  | 87.5  |
| >= 1000 | 23.7                       | 59.0 | 67.0 | 74.5 | 80.2 | 81.1 | 85.0 | 87.0 | 88.0 | 90.4 | 91.6 | 91.6 | 91.6  | 91.6  | 91.9  | 91.9   | 92.0  | 92.0  |
| >= 900  | 23.9                       | 59.4 | 67.5 | 75.0 | 80.7 | 81.7 | 85.6 | 87.6 | 88.6 | 91.0 | 92.1 | 92.1 | 92.1  | 92.1  | 92.5  | 92.5   | 92.6  | 92.6  |
| >= 800  | 24.2                       | 60.3 | 68.7 | 76.7 | 82.7 | 83.8 | 87.9 | 90.1 | 91.2 | 93.8 | 95.0 | 95.0 | 95.0  | 95.0  | 95.6  | 95.6   | 95.8  | 95.8  |
| >= 700  | 24.2                       | 60.6 | 69.2 | 77.2 | 83.2 | 84.3 | 88.5 | 90.7 | 91.7 | 94.4 | 95.6 | 95.6 | 95.6  | 95.6  | 96.2  | 96.2   | 96.4  | 96.4  |
| >= 600  | 24.3                       | 60.7 | 69.4 | 77.4 | 83.4 | 84.5 | 89.0 | 91.4 | 92.4 | 95.1 | 96.3 | 96.3 | 96.3  | 96.3  | 96.9  | 96.9   | 97.1  | 97.1  |
| >= 500  | 24.4                       | 61.3 | 69.9 | 78.1 | 84.2 | 85.4 | 90.1 | 92.4 | 93.5 | 96.3 | 97.4 | 97.4 | 97.4  | 97.4  | 98.1  | 98.1   | 98.3  | 98.3  |
| >= 400  | 24.4                       | 61.4 | 70.0 | 78.2 | 84.3 | 85.5 | 90.2 | 92.5 | 93.6 | 96.4 | 97.5 | 97.5 | 97.5  | 97.5  | 98.3  | 98.4   | 98.5  | 98.5  |
| >= 300  | 24.6                       | 61.8 | 70.5 | 78.8 | 84.9 | 86.1 | 90.8 | 93.1 | 94.2 | 97.0 | 98.1 | 98.1 | 98.1  | 98.1  | 98.9  | 99.0   | 99.1  | 99.1  |
| >= 200  | 24.6                       | 61.9 | 70.7 | 79.0 | 85.1 | 86.2 | 91.0 | 93.3 | 94.4 | 97.2 | 98.4 | 98.4 | 98.4  | 98.4  | 99.2  | 99.3   | 99.4  | 99.4  |
| >= 100  | 24.6                       | 61.9 | 70.7 | 79.0 | 85.1 | 86.2 | 91.0 | 93.3 | 94.4 | 97.2 | 98.4 | 98.4 | 98.4  | 98.4  | 99.2  | 99.3   | 99.4  | 99.4  |
| >= 0    | 24.6                       | 61.9 | 70.7 | 79.0 | 85.1 | 86.2 | 91.0 | 93.3 | 94.4 | 97.2 | 98.4 | 98.4 | 98.4  | 98.4  | 99.2  | 99.3   | 99.4  | 100.0 |

TOTAL NO. OF OBS : 1018



## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : 0900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 |
| UNLIMIT | 9.9                        | 22.5 | 25.1 | 27.3 | 29.4 | 30.3 | 31.9 | 33.4 | 33.5 | 34.1 | 34.4 | 34.4 | 34.4 | 34.4  | 34.4  | 34.6  |
| >=20000 | 11.2                       | 26.1 | 28.7 | 31.5 | 33.8 | 34.6 | 36.2 | 37.9 | 38.0 | 38.7 | 39.2 | 39.2 | 39.2 | 39.2  | 39.2  | 39.4  |
| >=18000 | 11.2                       | 26.3 | 28.9 | 31.7 | 34.0 | 34.8 | 36.4 | 38.1 | 38.2 | 39.0 | 39.5 | 39.5 | 39.5 | 39.5  | 39.5  | 39.7  |
| >=16000 | 11.2                       | 26.3 | 28.9 | 31.7 | 34.1 | 35.0 | 36.6 | 38.3 | 38.4 | 39.2 | 39.7 | 39.7 | 39.7 | 39.7  | 39.7  | 39.9  |
| >=14000 | 11.9                       | 27.7 | 30.4 | 33.4 | 35.8 | 36.8 | 38.4 | 40.3 | 40.4 | 41.2 | 41.7 | 41.7 | 41.7 | 41.7  | 41.9  | 41.9  |
| >=12000 | 12.9                       | 30.0 | 32.9 | 36.0 | 38.6 | 39.8 | 41.9 | 43.8 | 43.9 | 44.7 | 45.2 | 45.2 | 45.2 | 45.2  | 45.4  | 45.4  |
| >=10000 | 14.9                       | 34.6 | 37.9 | 41.3 | 44.1 | 45.4 | 47.8 | 49.9 | 50.0 | 50.9 | 51.6 | 51.6 | 51.6 | 51.6  | 51.9  | 51.9  |
| >= 9000 | 15.5                       | 35.6 | 39.1 | 42.4 | 45.4 | 46.7 | 49.2 | 51.3 | 51.5 | 52.4 | 53.1 | 53.1 | 53.1 | 53.1  | 53.4  | 53.4  |
| >= 8000 | 16.7                       | 38.5 | 42.5 | 46.4 | 49.6 | 50.8 | 53.4 | 55.8 | 56.0 | 57.3 | 57.9 | 57.9 | 57.9 | 57.9  | 58.2  | 58.2  |
| >= 7000 | 17.4                       | 39.4 | 43.6 | 47.6 | 50.8 | 52.2 | 54.8 | 57.2 | 57.4 | 58.7 | 59.4 | 59.4 | 59.4 | 59.4  | 59.8  | 59.8  |
| >= 6000 | 17.4                       | 39.4 | 43.8 | 47.8 | 51.0 | 52.4 | 55.0 | 57.5 | 57.7 | 59.1 | 59.8 | 59.8 | 59.8 | 59.8  | 60.2  | 60.2  |
| >= 5000 | 18.2                       | 41.0 | 45.8 | 49.8 | 53.3 | 54.7 | 57.4 | 60.0 | 60.2 | 61.7 | 62.5 | 62.5 | 62.5 | 62.5  | 62.9  | 62.9  |
| >= 4500 | 18.5                       | 42.0 | 46.8 | 50.7 | 54.4 | 55.9 | 58.6 | 61.3 | 61.5 | 63.0 | 63.8 | 63.8 | 63.8 | 63.8  | 64.3  | 64.3  |
| >= 4000 | 19.0                       | 44.2 | 49.5 | 53.7 | 57.7 | 59.1 | 62.1 | 64.8 | 65.0 | 66.6 | 67.4 | 67.4 | 67.4 | 67.4  | 67.9  | 67.9  |
| >= 3500 | 19.4                       | 44.9 | 50.2 | 54.6 | 58.7 | 60.2 | 63.2 | 65.8 | 66.0 | 67.8 | 68.6 | 68.6 | 68.6 | 68.6  | 69.1  | 69.1  |
| >= 3000 | 20.4                       | 47.6 | 53.9 | 59.0 | 63.4 | 65.0 | 68.0 | 70.8 | 71.0 | 72.9 | 73.6 | 73.6 | 73.6 | 73.6  | 74.1  | 74.1  |
| >= 2500 | 21.5                       | 50.3 | 57.0 | 62.2 | 66.8 | 68.4 | 71.5 | 74.4 | 74.6 | 76.6 | 77.4 | 77.4 | 77.4 | 77.4  | 77.9  | 77.9  |
| >= 2000 | 22.1                       | 53.4 | 60.5 | 66.1 | 71.5 | 73.2 | 76.7 | 79.7 | 80.0 | 82.0 | 82.9 | 82.9 | 82.9 | 82.9  | 83.5  | 83.5  |
| >= 1800 | 22.2                       | 53.5 | 60.6 | 66.3 | 71.8 | 73.5 | 77.0 | 80.0 | 80.3 | 82.3 | 83.2 | 83.2 | 83.2 | 83.2  | 83.8  | 83.8  |
| >= 1500 | 23.3                       | 56.7 | 64.6 | 71.0 | 76.8 | 78.8 | 82.5 | 86.0 | 86.3 | 88.5 | 89.6 | 89.6 | 89.6 | 89.6  | 90.2  | 90.2  |
| >= 1200 | 23.7                       | 57.4 | 65.4 | 71.8 | 77.8 | 79.8 | 83.6 | 87.1 | 87.4 | 89.7 | 90.9 | 90.9 | 90.9 | 90.9  | 91.5  | 91.5  |
| >= 1000 | 24.0                       | 58.7 | 67.0 | 73.9 | 80.3 | 82.3 | 86.4 | 90.2 | 90.5 | 93.1 | 94.3 | 94.3 | 94.3 | 94.3  | 94.9  | 94.9  |
| >= 900  | 24.0                       | 58.7 | 67.0 | 73.9 | 80.3 | 82.3 | 86.4 | 90.2 | 90.5 | 93.1 | 94.3 | 94.3 | 94.3 | 94.3  | 94.9  | 94.9  |
| >= 800  | 24.2                       | 58.7 | 67.0 | 73.9 | 80.3 | 82.3 | 86.4 | 90.2 | 90.5 | 93.1 | 94.3 | 94.3 | 94.3 | 94.3  | 94.9  | 94.9  |
| >= 700  | 24.2                       | 58.7 | 67.0 | 73.9 | 80.3 | 82.3 | 86.4 | 90.2 | 90.5 | 93.1 | 94.3 | 94.3 | 94.3 | 94.3  | 94.9  | 94.9  |
| >= 600  | 24.2                       | 58.7 | 67.0 | 73.9 | 80.3 | 82.3 | 86.4 | 90.2 | 90.5 | 93.1 | 94.3 | 94.3 | 94.3 | 94.3  | 94.9  | 94.9  |
| >= 500  | 24.4                       | 59.7 | 68.9 | 76.3 | 82.9 | 85.0 | 89.3 | 94.0 | 94.4 | 97.1 | 98.4 | 98.4 | 98.4 | 98.4  | 99.1  | 99.1  |
| >= 400  | 24.4                       | 59.8 | 69.1 | 76.6 | 83.3 | 85.4 | 89.9 | 94.5 | 94.9 | 97.6 | 98.9 | 98.9 | 98.9 | 98.9  | 99.6  | 99.6  |
| >= 300  | 24.4                       | 59.8 | 69.1 | 76.6 | 83.3 | 85.4 | 89.9 | 94.5 | 94.9 | 97.6 | 98.9 | 98.9 | 98.9 | 98.9  | 99.9  | 99.9  |
| >= 200  | 24.4                       | 59.8 | 69.1 | 76.6 | 83.3 | 85.4 | 89.9 | 94.5 | 94.9 | 97.6 | 98.9 | 98.9 | 98.9 | 98.9  | 100.0 | 100.0 |
| >= 100  | 24.4                       | 59.8 | 69.1 | 76.6 | 83.3 | 85.4 | 89.9 | 94.5 | 94.9 | 97.6 | 98.9 | 98.9 | 98.9 | 98.9  | 100.0 | 100.0 |
| >= 0    | 24.4                       | 59.8 | 69.1 | 76.6 | 83.3 | 85.4 | 89.9 | 94.5 | 94.9 | 97.6 | 98.9 | 98.9 | 98.9 | 98.9  | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1013

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : 1200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 15.8                       | 34.0 | 36.8 | 40.3 | 41.8 | 42.1 | 42.7 | 43.4 | 43.4 | 43.6 |
| >=20000 | 17.7                       | 39.2 | 42.7 | 46.9 | 48.5 | 48.8 | 49.5 | 50.3 | 50.3 | 50.5 |
| >=18000 | 17.7                       | 39.3 | 42.8 | 47.0 | 48.6 | 48.9 | 49.7 | 50.5 | 50.5 | 50.7 |
| >=16000 | 17.7                       | 39.3 | 42.8 | 47.0 | 48.6 | 48.9 | 49.7 | 50.5 | 50.5 | 50.7 |
| >=14000 | 18.5                       | 41.0 | 44.6 | 49.2 | 51.0 | 51.4 | 52.3 | 53.1 | 53.1 | 53.3 |
| >=12000 | 20.2                       | 44.7 | 48.5 | 53.2 | 55.2 | 55.7 | 56.6 | 57.5 | 57.5 | 57.7 |
| >=10000 | 22.5                       | 48.7 | 52.8 | 57.8 | 59.8 | 60.4 | 61.5 | 62.6 | 62.6 | 62.9 |
| >= 9000 | 23.0                       | 49.5 | 53.6 | 58.7 | 60.7 | 61.3 | 62.4 | 63.5 | 63.5 | 63.8 |
| >= 8000 | 23.8                       | 52.1 | 56.6 | 62.3 | 64.4 | 65.0 | 66.1 | 67.2 | 67.3 | 67.8 |
| >= 7000 | 24.0                       | 52.5 | 57.2 | 63.1 | 65.2 | 65.8 | 66.9 | 68.0 | 68.2 | 68.7 |
| >= 6000 | 24.0                       | 52.5 | 57.4 | 63.4 | 65.6 | 66.2 | 67.4 | 68.5 | 68.7 | 69.2 |
| >= 5000 | 24.7                       | 53.8 | 58.8 | 64.8 | 67.2 | 67.9 | 69.1 | 70.4 | 70.6 | 71.1 |
| >= 4500 | 25.1                       | 54.6 | 59.6 | 65.7 | 68.1 | 68.8 | 70.1 | 71.4 | 71.6 | 72.1 |
| >= 4000 | 25.4                       | 56.0 | 61.7 | 68.3 | 70.9 | 71.6 | 73.0 | 74.3 | 74.5 | 75.1 |
| >= 3500 | 25.6                       | 57.1 | 62.8 | 69.7 | 72.3 | 73.0 | 74.4 | 75.7 | 75.9 | 76.5 |
| >= 3000 | 26.7                       | 60.0 | 66.1 | 74.0 | 76.8 | 77.5 | 79.2 | 80.6 | 80.8 | 81.4 |
| >= 2500 | 27.5                       | 62.1 | 68.3 | 76.4 | 79.2 | 79.9 | 81.8 | 83.3 | 83.5 | 84.2 |
| >= 2000 | 28.1                       | 64.4 | 71.1 | 79.7 | 82.8 | 83.5 | 85.7 | 87.3 | 87.6 | 88.5 |
| >= 1800 | 28.2                       | 64.5 | 71.2 | 79.8 | 83.0 | 83.7 | 85.9 | 87.5 | 87.8 | 88.7 |
| >= 1500 | 29.3                       | 66.4 | 73.3 | 82.3 | 85.7 | 86.5 | 88.7 | 90.3 | 90.6 | 91.6 |
| >= 1200 | 29.3                       | 66.7 | 73.6 | 82.6 | 86.0 | 86.9 | 89.3 | 90.9 | 91.2 | 92.2 |
| >= 1000 | 29.7                       | 67.9 | 75.4 | 84.6 | 88.5 | 89.5 | 92.2 | 93.9 | 94.4 | 95.5 |
| >= 900  | 29.7                       | 67.9 | 75.4 | 84.6 | 88.5 | 89.5 | 92.2 | 93.9 | 94.4 | 95.5 |
| >= 800  | 29.7                       | 68.3 | 75.9 | 85.4 | 89.5 | 90.5 | 93.7 | 95.5 | 96.0 | 97.3 |
| >= 700  | 29.7                       | 68.5 | 76.1 | 85.6 | 89.7 | 90.7 | 94.0 | 95.8 | 96.4 | 97.7 |
| >= 600  | 29.7                       | 68.5 | 76.3 | 85.8 | 89.9 | 90.9 | 94.2 | 96.0 | 96.6 | 97.9 |
| >= 500  | 29.7                       | 68.6 | 76.4 | 86.0 | 90.3 | 91.3 | 94.6 | 96.6 | 97.2 | 98.5 |
| >= 400  | 29.7                       | 68.6 | 76.4 | 86.0 | 90.4 | 91.5 | 94.8 | 96.8 | 97.4 | 98.8 |
| >= 300  | 29.7                       | 68.6 | 76.4 | 86.0 | 90.4 | 91.5 | 94.8 | 96.8 | 97.5 | 98.9 |
| >= 200  | 29.7                       | 68.6 | 76.4 | 86.0 | 90.4 | 91.5 | 94.8 | 96.8 | 97.5 | 98.9 |
| >= 100  | 29.7                       | 68.6 | 76.4 | 86.0 | 90.4 | 91.5 | 94.8 | 96.8 | 97.5 | 98.9 |
| >= 0    | 29.7                       | 68.6 | 76.4 | 86.0 | 90.4 | 91.5 | 94.8 | 96.8 | 97.5 | 98.9 |

TOTAL NO. OF OBS : 1000

# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/4  | >=1  |
| UNLIMIT | 22.6                       | 42.8 | 44.4 | 45.9 | 46.3 | 46.4 | 46.8 | 46.8 | 46.8 | 46.9 |
| >=20000 | 25.8                       | 50.9 | 52.8 | 54.6 | 55.1 | 55.2 | 55.7 | 55.7 | 55.7 | 55.8 |
| >=18000 | 25.8                       | 51.0 | 52.9 | 54.7 | 55.2 | 55.3 | 55.8 | 55.8 | 55.8 | 55.9 |
| >=16000 | 25.8                       | 51.1 | 53.0 | 54.8 | 55.3 | 55.4 | 55.9 | 55.9 | 55.9 | 56.0 |
| >=14000 | 26.6                       | 52.6 | 54.5 | 56.6 | 57.2 | 57.3 | 57.8 | 57.8 | 57.8 | 57.9 |
| >=12000 | 27.9                       | 55.9 | 58.3 | 60.5 | 61.1 | 61.3 | 61.8 | 61.8 | 61.8 | 62.0 |
| >=10000 | 29.8                       | 59.8 | 62.5 | 64.9 | 65.6 | 65.9 | 66.5 | 66.6 | 66.6 | 66.8 |
| >= 9000 | 30.4                       | 60.9 | 63.7 | 66.0 | 66.7 | 67.0 | 67.6 | 67.7 | 67.7 | 67.9 |
| >= 8000 | 32.3                       | 64.8 | 68.2 | 70.7 | 71.4 | 71.7 | 72.5 | 72.7 | 72.9 | 72.9 |
| >= 7000 | 32.7                       | 65.6 | 69.2 | 71.8 | 72.5 | 72.8 | 73.7 | 73.9 | 74.1 | 74.1 |
| >= 6000 | 32.8                       | 65.9 | 69.6 | 72.2 | 72.9 | 73.2 | 74.1 | 74.3 | 74.5 | 74.5 |
| >= 5000 | 33.4                       | 67.2 | 71.3 | 73.9 | 74.6 | 74.9 | 75.8 | 76.0 | 76.2 | 76.2 |
| >= 4500 | 33.5                       | 67.6 | 71.7 | 74.3 | 75.0 | 75.3 | 76.2 | 76.4 | 76.6 | 76.6 |
| >= 4000 | 33.9                       | 69.7 | 74.0 | 77.1 | 78.0 | 78.4 | 79.4 | 79.7 | 80.1 | 80.1 |
| >= 3500 | 34.0                       | 69.8 | 74.3 | 77.4 | 78.3 | 78.7 | 79.7 | 80.1 | 80.5 | 80.5 |
| >= 3000 | 35.5                       | 73.0 | 77.7 | 81.1 | 82.3 | 82.7 | 83.8 | 84.2 | 84.6 | 84.6 |
| >= 2500 | 36.5                       | 74.5 | 79.3 | 82.7 | 84.1 | 84.5 | 85.6 | 86.1 | 86.5 | 86.5 |
| >= 2000 | 38.4                       | 77.9 | 82.7 | 86.5 | 87.9 | 88.4 | 89.7 | 90.5 | 91.0 | 91.0 |
| >= 1800 | 38.4                       | 77.9 | 82.7 | 86.5 | 87.9 | 88.4 | 89.7 | 90.5 | 91.0 | 91.0 |
| >= 1500 | 39.1                       | 79.7 | 84.7 | 88.8 | 90.6 | 91.1 | 92.4 | 93.2 | 93.9 | 93.9 |
| >= 1200 | 39.2                       | 80.1 | 85.1 | 89.2 | 91.2 | 91.7 | 93.0 | 93.8 | 94.5 | 94.5 |
| >= 1000 | 39.4                       | 81.1 | 86.4 | 90.8 | 93.0 | 93.5 | 94.9 | 95.8 | 96.3 | 96.9 |
| >= 900  | 39.4                       | 81.1 | 86.4 | 90.8 | 93.0 | 93.5 | 94.9 | 95.8 | 96.3 | 96.9 |
| >= 800  | 39.4                       | 81.3 | 86.7 | 91.2 | 93.5 | 94.2 | 95.8 | 96.8 | 97.4 | 97.9 |
| >= 700  | 39.5                       | 81.5 | 87.0 | 91.5 | 93.8 | 94.5 | 96.1 | 97.1 | 97.7 | 98.2 |
| >= 600  | 39.5                       | 81.5 | 87.0 | 91.6 | 93.9 | 94.6 | 96.3 | 97.3 | 97.9 | 98.5 |
| >= 500  | 39.6                       | 81.8 | 87.4 | 92.1 | 94.5 | 95.2 | 97.0 | 98.0 | 98.7 | 99.4 |
| >= 400  | 39.6                       | 81.8 | 87.4 | 92.1 | 94.5 | 95.2 | 97.1 | 98.1 | 98.8 | 99.5 |
| >= 300  | 39.6                       | 81.8 | 87.4 | 92.1 | 94.5 | 95.2 | 97.2 | 98.2 | 98.9 | 99.6 |
| >= 200  | 39.6                       | 81.8 | 87.4 | 92.1 | 94.5 | 95.2 | 97.2 | 98.2 | 98.9 | 99.6 |
| >= 100  | 39.6                       | 81.8 | 87.4 | 92.1 | 94.5 | 95.2 | 97.2 | 98.2 | 98.9 | 99.6 |
| >= 0    | 39.6                       | 81.8 | 87.4 | 92.1 | 94.5 | 95.2 | 97.2 | 98.2 | 98.9 | 99.6 |

TOTAL NO. OF OBS : 985

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : 1800 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |       |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|-------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/4   | >=1/4 | >=0   |
| UNLIMIT | 18.5                       | 35.5 | 37.8 | 39.5 | 40.4 | 40.5 | 40.9 | 40.9 | 40.9  | 40.9  | 40.9  |
| >=20000 | 21.3                       | 42.8 | 45.5 | 47.8 | 48.8 | 48.9 | 49.3 | 49.3 | 49.3  | 49.3  | 49.3  |
| >=18000 | 21.5                       | 43.1 | 45.9 | 48.2 | 49.2 | 49.3 | 49.7 | 49.7 | 49.7  | 49.7  | 49.7  |
| >=16000 | 21.7                       | 43.4 | 46.3 | 48.6 | 49.6 | 49.7 | 50.1 | 50.1 | 50.1  | 50.1  | 50.1  |
| >=14000 | 22.7                       | 44.7 | 48.0 | 50.3 | 51.3 | 51.4 | 51.9 | 51.9 | 51.9  | 51.9  | 51.9  |
| >=12000 | 24.0                       | 47.6 | 51.1 | 53.6 | 54.7 | 54.8 | 55.3 | 55.3 | 55.3  | 55.3  | 55.3  |
| >=10000 | 26.6                       | 52.4 | 56.8 | 59.7 | 61.0 | 61.1 | 61.6 | 61.6 | 61.6  | 61.6  | 61.6  |
| >=9000  | 27.3                       | 53.6 | 58.0 | 60.8 | 62.1 | 62.2 | 62.9 | 62.9 | 62.9  | 62.9  | 62.9  |
| >=8000  | 29.4                       | 59.3 | 64.5 | 67.9 | 69.5 | 69.6 | 70.2 | 70.5 | 70.6  | 70.6  | 70.6  |
| >=7000  | 30.0                       | 61.0 | 66.3 | 69.8 | 72.0 | 72.1 | 72.8 | 73.1 | 73.3  | 73.3  | 73.3  |
| >=6000  | 30.1                       | 61.3 | 66.6 | 70.1 | 72.3 | 72.4 | 73.4 | 73.6 | 73.6  | 73.6  | 73.6  |
| >=5000  | 31.0                       | 62.8 | 68.3 | 71.9 | 74.4 | 74.5 | 75.4 | 75.6 | 75.6  | 75.6  | 75.6  |
| >=4500  | 31.1                       | 63.3 | 68.8 | 72.4 | 74.9 | 75.0 | 75.9 | 76.1 | 76.1  | 76.1  | 76.1  |
| >=4000  | 31.7                       | 65.2 | 71.2 | 75.2 | 77.7 | 77.8 | 78.7 | 78.9 | 78.9  | 78.9  | 78.9  |
| >=3500  | 32.1                       | 66.2 | 72.6 | 76.7 | 79.2 | 79.3 | 80.2 | 80.4 | 80.4  | 80.4  | 80.4  |
| >=3000  | 33.2                       | 69.4 | 76.1 | 80.6 | 83.3 | 83.4 | 84.4 | 84.6 | 84.6  | 84.6  | 84.6  |
| >=2500  | 33.9                       | 70.7 | 77.4 | 82.0 | 84.9 | 85.0 | 86.0 | 86.2 | 86.2  | 86.2  | 86.2  |
| >=2000  | 34.8                       | 73.5 | 80.3 | 85.3 | 88.5 | 88.6 | 90.1 | 90.3 | 90.3  | 90.3  | 90.3  |
| >=1800  | 34.9                       | 73.6 | 80.4 | 85.4 | 88.6 | 88.7 | 90.2 | 90.4 | 90.4  | 90.4  | 90.4  |
| >=1500  | 36.1                       | 76.1 | 83.3 | 88.5 | 91.6 | 91.7 | 93.2 | 93.9 | 93.9  | 93.9  | 93.9  |
| >=1200  | 36.3                       | 76.4 | 83.6 | 89.0 | 92.2 | 92.3 | 93.8 | 94.2 | 94.3  | 94.5  | 94.5  |
| >=1000  | 36.7                       | 77.6 | 84.9 | 90.7 | 94.4 | 94.5 | 96.6 | 97.0 | 97.1  | 97.1  | 97.1  |
| >=900   | 36.7                       | 77.7 | 85.0 | 90.8 | 94.5 | 94.6 | 96.7 | 97.1 | 97.2  | 97.2  | 97.2  |
| >=800   | 36.7                       | 78.2 | 85.6 | 91.6 | 95.3 | 95.4 | 97.7 | 98.2 | 98.3  | 98.3  | 98.3  |
| >=700   | 36.8                       | 78.4 | 85.8 | 91.8 | 95.5 | 95.6 | 97.9 | 98.4 | 98.5  | 98.5  | 98.5  |
| >=600   | 36.8                       | 78.4 | 85.8 | 91.8 | 95.5 | 95.6 | 98.2 | 98.9 | 99.1  | 99.1  | 99.1  |
| >=500   | 36.8                       | 78.6 | 86.1 | 92.1 | 95.9 | 96.0 | 98.6 | 99.3 | 99.6  | 99.6  | 99.6  |
| >=400   | 36.8                       | 78.6 | 86.1 | 92.2 | 96.0 | 96.1 | 98.7 | 99.4 | 99.7  | 99.7  | 99.7  |
| >=300   | 36.8                       | 78.6 | 86.3 | 92.4 | 96.2 | 96.3 | 98.9 | 99.5 | 99.9  | 99.9  | 99.9  |
| >=200   | 36.8                       | 78.6 | 86.3 | 92.4 | 96.2 | 96.3 | 99.0 | 99.6 | 100.0 | 100.0 | 100.0 |
| >=100   | 36.8                       | 78.6 | 86.3 | 92.4 | 96.2 | 96.3 | 99.1 | 99.7 | 100.0 | 100.0 | 100.0 |
| >=0     | 36.8                       | 78.6 | 86.3 | 92.4 | 96.2 | 96.3 | 99.1 | 99.7 | 100.0 | 100.0 | 100.0 |

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : AUG  
 HOUR : 2100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |       |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|------|
|         | >=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  |
| UNLIMIT | 21.2                       | 39.9 | 41.8 | 43.5 | 44.9 | 45.1 | 45.4 | 45.5 | 45.5 | 45.5 | 45.6 | 45.6 | 45.6 | 45.6  | 45.6  | 45.6  | 45.6   | 45.6  | 45.6 |
| >=20000 | 22.3                       | 43.4 | 45.8 | 47.9 | 49.5 | 49.8 | 50.1 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 | 50.3 | 50.3  | 50.3  | 50.3  | 50.3   | 50.3  | 50.3 |
| >=18000 | 22.5                       | 43.9 | 46.3 | 48.4 | 50.0 | 50.3 | 50.6 | 50.7 | 50.7 | 50.7 | 50.8 | 50.8 | 50.8 | 50.8  | 50.8  | 50.8  | 50.8   | 50.8  | 50.8 |
| >=16000 | 22.6                       | 44.0 | 46.4 | 48.5 | 50.1 | 50.4 | 50.7 | 50.8 | 50.8 | 50.8 | 50.9 | 50.9 | 50.9 | 50.9  | 50.9  | 50.9  | 50.9   | 50.9  | 50.9 |
| >=14000 | 23.3                       | 45.0 | 47.6 | 49.7 | 51.5 | 51.8 | 52.1 | 52.2 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3  | 52.3  | 52.3  | 52.3   | 52.3  | 52.3 |
| >=12000 | 24.7                       | 47.4 | 50.0 | 52.3 | 54.1 | 54.4 | 54.7 | 54.8 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9  | 54.9  | 54.9  | 54.9   | 54.9  | 54.9 |
| >=10000 | 27.7                       | 51.9 | 54.7 | 57.2 | 59.0 | 59.3 | 59.6 | 59.7 | 59.7 | 59.7 | 59.8 | 59.8 | 59.8 | 59.8  | 59.8  | 59.8  | 59.8   | 59.8  | 59.8 |
| >=9000  | 27.9                       | 52.5 | 55.3 | 57.8 | 59.6 | 59.9 | 60.3 | 60.4 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5  | 60.5  | 60.5  | 60.5   | 60.5  | 60.5 |
| >=8000  | 30.3                       | 58.2 | 61.3 | 63.8 | 66.2 | 66.5 | 66.9 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1  | 67.1  | 67.1  | 67.1   | 67.1  | 67.1 |
| >=7000  | 31.4                       | 60.1 | 63.4 | 66.0 | 68.5 | 68.8 | 69.2 | 69.3 | 69.3 | 69.3 | 69.5 | 69.5 | 69.5 | 69.5  | 69.5  | 69.5  | 69.5   | 69.5  | 69.5 |
| >=6000  | 31.7                       | 60.8 | 64.1 | 66.9 | 69.4 | 69.7 | 70.1 | 70.2 | 70.2 | 70.2 | 70.4 | 70.4 | 70.4 | 70.4  | 70.4  | 70.4  | 70.4   | 70.4  | 70.4 |
| >=5000  | 32.3                       | 61.9 | 65.4 | 68.3 | 70.8 | 71.1 | 71.5 | 71.6 | 71.6 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8  | 71.8  | 71.8  | 71.8   | 71.8  | 71.8 |
| >=4500  | 32.6                       | 62.5 | 66.0 | 68.9 | 71.4 | 71.7 | 72.1 | 72.2 | 72.2 | 72.2 | 72.4 | 72.4 | 72.4 | 72.4  | 72.4  | 72.4  | 72.4   | 72.4  | 72.4 |
| >=4000  | 33.7                       | 65.3 | 68.8 | 71.9 | 74.6 | 75.0 | 75.4 | 75.6 | 75.6 | 75.6 | 75.9 | 75.9 | 75.9 | 75.9  | 75.9  | 75.9  | 75.9   | 75.9  | 75.9 |
| >=3500  | 34.1                       | 66.7 | 70.3 | 73.9 | 76.6 | 77.0 | 77.4 | 77.6 | 77.6 | 77.6 | 77.9 | 77.9 | 77.9 | 77.9  | 77.9  | 77.9  | 77.9   | 77.9  | 77.9 |
| >=3000  | 35.6                       | 70.3 | 74.0 | 77.6 | 80.4 | 81.0 | 81.5 | 81.8 | 81.8 | 81.8 | 82.1 | 82.2 | 82.2 | 82.2  | 82.2  | 82.2  | 82.2   | 82.2  | 82.2 |
| >=2500  | 36.7                       | 71.9 | 75.6 | 79.2 | 82.1 | 82.7 | 83.2 | 83.5 | 83.5 | 83.5 | 83.8 | 83.9 | 83.9 | 83.9  | 83.9  | 83.9  | 83.9   | 83.9  | 83.9 |
| >=2000  | 38.5                       | 75.6 | 79.5 | 83.4 | 86.6 | 87.2 | 87.9 | 88.2 | 88.2 | 88.2 | 88.5 | 88.6 | 88.6 | 88.6  | 88.6  | 88.6  | 88.6   | 88.6  | 88.6 |
| >=1800  | 38.5                       | 75.7 | 79.6 | 83.5 | 86.7 | 87.3 | 88.0 | 88.3 | 88.3 | 88.3 | 88.6 | 88.7 | 88.7 | 88.7  | 88.7  | 88.7  | 88.7   | 88.7  | 88.7 |
| >=1500  | 39.7                       | 78.2 | 82.6 | 86.9 | 90.3 | 90.9 | 91.6 | 92.0 | 92.0 | 92.0 | 92.5 | 92.6 | 92.6 | 92.6  | 92.6  | 92.6  | 92.6   | 92.6  | 92.6 |
| >=1200  | 40.2                       | 78.9 | 83.4 | 87.7 | 91.2 | 91.8 | 92.5 | 93.0 | 93.0 | 93.0 | 93.5 | 93.6 | 93.6 | 93.6  | 93.6  | 93.6  | 93.6   | 93.6  | 93.6 |
| >=1000  | 40.8                       | 80.7 | 85.5 | 90.1 | 93.7 | 94.3 | 95.2 | 95.8 | 95.8 | 95.8 | 96.4 | 96.5 | 96.5 | 96.5  | 96.5  | 96.5  | 96.5   | 96.5  | 96.5 |
| >=900   | 40.8                       | 80.8 | 85.6 | 90.2 | 93.8 | 94.4 | 95.3 | 95.9 | 95.9 | 95.9 | 96.5 | 96.6 | 96.6 | 96.6  | 96.6  | 96.6  | 96.6   | 96.6  | 96.6 |
| >=800   | 41.1                       | 81.6 | 86.7 | 91.5 | 95.2 | 95.8 | 96.9 | 97.5 | 97.5 | 97.5 | 98.1 | 98.2 | 98.2 | 98.2  | 98.2  | 98.2  | 98.2   | 98.2  | 98.2 |
| >=700   | 41.1                       | 81.6 | 86.7 | 91.5 | 95.4 | 96.0 | 97.1 | 97.7 | 97.7 | 97.7 | 98.3 | 98.4 | 98.4 | 98.4  | 98.4  | 98.4  | 98.4   | 98.4  | 98.4 |
| >=600   | 41.2                       | 81.7 | 86.8 | 91.7 | 95.6 | 96.2 | 97.3 | 97.9 | 97.9 | 97.9 | 98.5 | 98.6 | 98.6 | 98.6  | 98.6  | 98.6  | 98.6   | 98.6  | 98.6 |
| >=500   | 41.4                       | 82.0 | 87.2 | 92.2 | 96.2 | 96.8 | 97.9 | 98.5 | 98.5 | 98.5 | 99.2 | 99.3 | 99.3 | 99.3  | 99.3  | 99.3  | 99.3   | 99.3  | 99.3 |
| >=400   | 41.4                       | 82.1 | 87.3 | 92.3 | 96.3 | 97.0 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5   | 99.5  | 99.5 |
| >=300   | 41.4                       | 82.1 | 87.3 | 92.3 | 96.3 | 97.0 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5   | 99.5  | 99.5 |
| >=200   | 41.4                       | 82.1 | 87.3 | 92.3 | 96.4 | 97.1 | 98.2 | 98.8 | 98.8 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6  | 99.6  | 99.6  | 99.6   | 99.6  | 99.6 |
| >=100   | 41.4                       | 82.1 | 87.3 | 92.3 | 96.4 | 97.1 | 98.3 | 98.9 | 98.9 | 98.9 | 99.6 | 99.7 | 99.7 | 99.7  | 99.7  | 99.7  | 99.7   | 99.7  | 99.7 |
| >= 0    | 41.4                       | 82.1 | 87.3 | 92.3 | 96.4 | 97.1 | 98.4 | 99.0 | 99.0 | 99.0 | 99.7 | 99.8 | 99.8 | 99.8  | 99.8  | 99.8  | 99.8   | 99.8  | 99.8 |

TOTAL NO. OF OBS : 1000

U43323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : AUG  
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NO. OF OBS : 8032

# 1 - SURFACE WINDS

G43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 0000 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |            |                       |
| N              | 2.4           | 3.4   | 4.7  | 5.9   | 2.0   | .5    | .1    | .0    | .0    | .0    | .0   | 19.0       | 10.2                  |
| NNE            | 1.0           | 2.5   | 5.2  | 3.5   | 1.6   | .4    | .0    | .0    | .0    | .0    | .0   | 14.2       | 10.3                  |
| NE             | .7            | 1.8   | 4.1  | 1.9   | .6    | .0    | .1    | .0    | .0    | .0    | .0   | 9.1        | 9.2                   |
| ENE            | 1.2           | 1.5   | 1.6  | .5    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 4.8        | 6.6                   |
| E              | 1.3           | 1.0   | .6   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.9        | 4.7                   |
| ESE            | .3            | .5    | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1        | 5.2                   |
| SE             | .3            | .4    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8         | 3.8                   |
| SSE            | .6            | .3    | .2   | .1    | .0    | .0    | .1    | .0    | .0    | .0    | .0   | 1.3        | 6.8                   |
| S              | 1.3           | 2.7   | 2.2  | 1.3   | .3    | .1    | .1    | .1    | .1    | .2    | .0   | 8.3        | 9.6                   |
| SSW            | 1.1           | 2.3   | 4.2  | 2.3   | 1.1   | .0    | .0    | .0    | .0    | .0    | .0   | 10.9       | 9.3                   |
| SW             | .5            | 1.0   | .9   | 1.5   | .4    | .1    | .0    | .0    | .0    | .0    | .0   | 4.3        | 9.9                   |
| WSW            | .0            | .4    | .8   | .3    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 1.7        | 10.1                  |
| W              | .5            | .3    | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0        | 5.1                   |
| WNW            | 1.0           | .2    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.3        | 3.0                   |
| NW             | 1.1           | 1.2   | .5   | .2    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | 3.0        | 5.7                   |
| NNW            | .9            | 2.3   | 2.5  | 1.0   | .2    | .0    | .1    | .1    | .0    | .0    | .0   | 7.0        | 8.4                   |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0         | .0                    |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 9.3        | .0                    |
| ALL            | 14.0          | 21.5  | 28.0 | 18.6  | 6.4   | 1.2   | .5    | .2    | .1    | .2    | .0   | 100.0      | 8.1                   |

TOTAL NO. OF OBS : 1017

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 0300 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1    | 2    | 3    | 4    | 5   | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN          |
|--------|------|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------------|
| DIR.   | 1    | 2    | 3    | 4    | 5   | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     | WIND<br>SPEED |
| N      | 1.9  | 3.7  | 3.7  | 7.5  | 7.9 | 3.1 | .6   | .2    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 24.9  | 10.9          |
| NNE    | .8   | 2.3  | 3.7  | 3.7  | 4.3 | 1.4 | .4   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 13.0  | 11.0          |
| NE     | 1.0  | 2.6  | 3.0  | 3.0  | 1.6 | .6  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8.8   | 8.3           |
| ENE    | .4   | 1.2  | 2.1  | 2.1  | .8  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.4   | 7.8           |
| E      | .9   | 1.2  | .4   | .4   | .2  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.6   | 5.1           |
| ESE    | .1   | .3   | .0   | .0   | .1  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .5    | 5.6           |
| SE     | .2   | .3   | .1   | .1   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6    | 5.2           |
| SSE    | .5   | .3   | .3   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 2.6           |
| S      | .5   | 1.3  | 2.2  | 2.2  | .9  | .6  | .0   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.7   | 9.9           |
| SSW    | .6   | 2.2  | 2.9  | 1.8  | 1.8 | .4  | .4   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8.4   | 9.9           |
| SW     | .4   | 1.3  | 1.8  | .6   | .6  | .5  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.6   | 8.7           |
| WSW    | .2   | .3   | .7   | .3   | .3  | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.6   | 8.6           |
| W      | .3   | .3   | .2   | .2   | .1  | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0   | 6.6           |
| WNW    | .1   | .7   | .3   | .3   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1   | 5.5           |
| NW     | 1.5  | 2.1  | .6   | .6   | .2  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.3   | 4.8           |
| NNW    | 2.0  | 3.0  | 2.6  | 1.5  | 1.5 | .2  | .3   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 9.7   | 7.6           |
| VAR    | .0   | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0            |
| CLM    | .0   | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 7.9   | .0            |
| ALL    | 11.2 | 22.9 | 28.1 | 20.1 | 7.0 | 1.9 | .9   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 100.0 | 8.4           |

TOTAL NO. OF OBS : 1019

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 0600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |   |   |      |   |   |      |       |       |       |       |       |       |       |     |       | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|---|---|------|---|---|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------------|-----------------------|
|                | 1             | 2 | 3 | 4    | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |       |            |                       |
| N              | 3.1           |   |   | 4.6  |   |   | 8.4  | 8.1   | 3.0   | .9    | .3    | .2    | .0    | .0    | .0  | 28.8  | 10.6       |                       |
| NNE            | 1.1           |   |   | 1.6  |   |   | 5.9  | 4.5   | 1.5   | .3    | .0    | .0    | .0    | .0    | .0  | 14.8  | 10.4       |                       |
| NE             | .8            |   |   | 1.7  |   |   | 3.4  | 2.2   | .9    | .0    | .1    | .0    | .0    | .0    | .0  | 9.0   | 9.7        |                       |
| ENE            | .8            |   |   | 1.2  |   |   | 1.8  | 1.0   | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 4.8   | 8.0        |                       |
| E              | .6            |   |   | .7   |   |   | .5   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.9   | 5.7        |                       |
| ESE            | .1            |   |   | .4   |   |   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .6    | 5.5        |                       |
| SE             | .0            |   |   | .2   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .2    | 4.5        |                       |
| SSE            | .3            |   |   | .7   |   |   | .3   | .1    | .0    | .0    | .0    | .1    | .0    | .0    | .0  | 1.5   | 7.8        |                       |
| S              | 1.3           |   |   | 1.5  |   |   | 2.0  | .6    | .4    | .2    | .0    | .0    | .0    | .0    | .0  | 5.9   | 8.2        |                       |
| SSW            | .9            |   |   | 1.8  |   |   | 1.4  | 1.9   | .9    | .3    | .0    | .0    | .0    | .0    | .0  | 7.1   | 10.3       |                       |
| SW             | .6            |   |   | 1.4  |   |   | .7   | .6    | .2    | .1    | .0    | .0    | .0    | .0    | .0  | 3.5   | 7.8        |                       |
| WSW            | .2            |   |   | .2   |   |   | .7   | .2    | .3    | .0    | .0    | .0    | .0    | .0    | .0  | 1.6   | 9.8        |                       |
| W              | .2            |   |   | .0   |   |   | .0   | .1    | .0    | .1    | .0    | .0    | .0    | .0    | .0  | .4    | 11.3       |                       |
| WNW            | .6            |   |   | .1   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .7    | 2.6        |                       |
| NW             | .7            |   |   | 1.1  |   |   | .5   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.5   | 5.4        |                       |
| NNW            | 1.1           |   |   | 3.2  |   |   | 3.6  | 1.9   | .4    | .0    | .0    | .1    | .0    | .0    | .0  | 10.3  | 8.1        |                       |
| VAR            | .0            |   |   | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0         |                       |
| CLM            | .0            |   |   | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 6.6   | .0         |                       |
| ALL            | 12.3          |   |   | 20.2 |   |   | 29.2 | 21.4  | 7.7   | 1.9   | .4    | .4    | .0    | .0    | .0  | 100.0 | 8.8        |                       |

TOTAL NO. OF OBS : 1019

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |     |    |    |    |       | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|----|----|----|-------|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |    |    |    |       |            |                       |
| N              | 1.5           | 5.6   | 7.1  | 6.9   | 2.8   | .5    | .2    | .1    | .0    | .0    | .0  | .0 | .0 | .0 | 24.7  | 10.5       |                       |
| NNE            | 2.4           | 5.1   | 7.7  | 7.0   | 1.9   | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | 24.0  | 9.3        |                       |
| NE             | 1.8           | 3.5   | 5.1  | 3.3   | .5    | .1    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | 14.3  | 8.5        |                       |
| ENE            | 1.6           | 1.5   | 1.5  | .9    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | 5.4   | 6.1        |                       |
| E              | 1.7           | 1.8   | .3   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | 4.0   | 4.5        |                       |
| ESE            | .7            | .6    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | 1.3   | 3.0        |                       |
| SE             | .4            | .2    | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .9    | 3.8        |                       |
| SSE            | .4            | .1    | .1   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .9    | 7.1        |                       |
| S              | .5            | .5    | 1.4  | 1.4   | .8    | .3    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | 4.8   | 11.6       |                       |
| SSW            | .2            | .6    | 2.8  | 2.4   | .6    | .3    | .1    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | 7.0   | 11.6       |                       |
| SW             | .2            | .3    | 1.3  | .7    | .6    | .1    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | 3.1   | 11.3       |                       |
| WSW            | .1            | .5    | .9   | .0    | .2    | .1    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | 1.8   | 9.4        |                       |
| W              | .3            | .0    | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .6    | 5.3        |                       |
| WNW            | .1            | .1    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .2    | 3.5        |                       |
| NW             | .2            | .2    | .1   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .6    | 7.0        |                       |
| NNW            | .4            | .9    | 1.2  | .7    | .1    | .1    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | 3.3   | 8.6        |                       |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | .0    | .0         |                       |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0 | .0 | .0 | 3.1   | .0         |                       |
| ALL            | 12.3          | 21.5  | 29.6 | 23.9  | 7.6   | 1.5   | .3    | .1    | .0    | .0    | .0  | .0 | .0 | .0 | 100.0 | 8.9        |                       |

TOTAL NO. OF OBS : 1018

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1    | 2    | 3    | 4    | 5    | 6    | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL | MEAN       |
|--------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------------|
| DIR.   | 1    | 2    | 3    | 4    | 5    | 6    | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | %     | WIND SPEED |
| N      | 1.2  | 2.8  | 3.9  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3   | 1.7   | .7    | .2    | .0    | .0    | .0    | .0  | 15.1  | 10.9       |
| NNE    | 1.8  | 3.9  | 4.4  | 7.6  | 5.6  | 5.6  | 5.6  | 5.6   | 2.0   | .3    | .0    | .1    | .0    | .0    | .0  | 21.2  | 9.9        |
| NE     | 1.5  | 4.4  | 4.4  | 5.6  | 3.3  | 3.3  | 3.3  | 3.3   | .9    | .1    | .0    | .0    | .0    | .0    | .0  | 15.8  | 8.6        |
| ENE    | 1.6  | 2.8  | 2.8  | 2.5  | .4   | .4   | .4   | .4    | .2    | .0    | .0    | .0    | .0    | .0    | .0  | 7.5   | 6.4        |
| E      | 2.8  | 3.1  | 3.1  | .7   | .2   | .2   | .2   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 6.9   | 4.3        |
| ESE    | .6   | .4   | .4   | .2   | .1   | .1   | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.3   | 4.5        |
| SE     | .4   | .2   | .2   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .6    | 3.3        |
| SSE    | .7   | .4   | .4   | .4   | .3   | .3   | .3   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.8   | 6.2        |
| S      | .3   | .9   | .9   | 2.4  | 2.6  | 2.6  | 2.6  | 2.6   | 1.1   | .6    | .2    | .0    | .0    | .0    | .0  | 8.0   | 12.5       |
| SSW    | .2   | .9   | .9   | 2.6  | 4.2  | 4.2  | 4.2  | 4.2   | 1.0   | .4    | .2    | .1    | .0    | .0    | .0  | 9.7   | 12.7       |
| SW     | .1   | .6   | .6   | 2.0  | 1.1  | 1.1  | 1.1  | 1.1   | .1    | .1    | .0    | .0    | .0    | .0    | .0  | 3.9   | 10.1       |
| WSW    | .0   | .1   | .1   | .1   | .1   | .1   | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .4    | 14.0       |
| W      | .0   | .2   | .2   | .0   | .1   | .1   | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .3    | 7.3        |
| WNW    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0         |
| NW     | .3   | .1   | .1   | .1   | .1   | .1   | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .6    | 5.5        |
| NNW    | .3   | .6   | .6   | 1.2  | .8   | .8   | .8   | .8    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 2.9   | 9.1        |
| VAR    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0         |
| CLM    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 4.0   | .0         |
| ALL    | 11.7 | 21.4 | 21.4 | 29.7 | 23.2 | 23.2 | 23.2 | 23.2  | 7.0   | 2.3   | .6    | .2    | .0    | .0    | .0  | 100.0 | 9.1        |

TOTAL NO. OF OBS : 1018

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |       |      |  |  |  | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|--|--|--|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |      |  |  |  |            |                       |
| N              | .6            | 1.7   | 3.0  | 3.3   | 1.3   | .4    | .2    | .1    | .0    | .0    | .0   | 10.6  | 11.5 |  |  |  |            |                       |
| NNE            | 1.1           | 2.8   | 4.7  | 4.9   | 1.8   | .5    | .1    | .0    | .0    | .0    | .0   | 15.9  | 10.7 |  |  |  |            |                       |
| NE             | 1.2           | 3.6   | 4.1  | 2.6   | .8    | .0    | .0    | .0    | .0    | .0    | .0   | 12.4  | 8.8  |  |  |  |            |                       |
| ENE            | 1.7           | 2.1   | 1.6  | 1.8   | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 7.3   | 7.4  |  |  |  |            |                       |
| E              | 2.4           | 2.4   | 1.8  | 1.1   | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 7.7   | 6.0  |  |  |  |            |                       |
| ESE            | .7            | .7    | .3   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.8   | 4.6  |  |  |  |            |                       |
| SE             | .0            | .4    | .5   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0   | 7.3  |  |  |  |            |                       |
| SSE            | .7            | .4    | .9   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 2.2   | 6.3  |  |  |  |            |                       |
| S              | .3            | 1.6   | 3.8  | 5.1   | 1.0   | .5    | .0    | .1    | .0    | .0    | .0   | 12.4  | 11.7 |  |  |  |            |                       |
| SSW            | .6            | 2.3   | 5.0  | 5.3   | 1.0   | .4    | .1    | .0    | .0    | .0    | .0   | 14.6  | 10.8 |  |  |  |            |                       |
| SW             | .7            | 1.3   | 1.3  | 2.1   | .2    | .0    | .1    | .1    | .0    | .0    | .0   | 5.7   | 9.8  |  |  |  |            |                       |
| WSW            | .3            | .1    | .2   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 6.4  |  |  |  |            |                       |
| W              | .4            | .3    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 3.1  |  |  |  |            |                       |
| WNW            | .2            | .1    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    | 3.0  |  |  |  |            |                       |
| NW             | .0            | .2    | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4    | 8.5  |  |  |  |            |                       |
| NNW            | .6            | .7    | .9   | .5    | .1    | .2    | .0    | .0    | .0    | .0    | .0   | 2.9   | 8.2  |  |  |  |            |                       |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   |  |  |  |            |                       |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.6   | .0   |  |  |  |            |                       |
| ALL            | 11.3          | 20.5  | 28.2 | 27.1  | 6.6   | 2.0   | .5    | .3    | .0    | .0    | .0   | 100.0 | 9.2  |  |  |  |            |                       |

TOTAL NO. OF OBS : 1019

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 1800 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1   | 3 | 4    | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL | MEAN       |
|--------|-----|---|------|---|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------------|
| DIR.   | 1   | 3 | 4    | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | %     | WIND SPEED |
| N      | .7  |   |      |   | 3.0  | 2.9   | .5    | 1.0   | .1    | .1    | .0    | .0    | .0  | 9.7   | 11.6       |
| NNE    | .4  |   | 1.0  |   | 1.8  | 2.5   | 1.7   | .6    | .1    | .1    | .0    | .0    | .0  | 8.0   | 13.3       |
| NE     | .7  |   | 1.0  |   | 3.2  | 2.4   | .5    | .2    | .0    | .0    | .0    | .0    | .0  | 7.9   | 9.9        |
| ENE    | .1  |   | 1.5  |   | 2.9  | 2.2   | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 6.8   | 9.5        |
| E      | .2  |   | 1.0  |   | 5.9  | 2.6   | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 9.7   | 9.2        |
| ESE    | .7  |   | .9   |   | 1.7  | .9    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 4.1   | 7.5        |
| SE     | .4  |   | .6   |   | .5   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.7   | 5.8        |
| SSE    | .4  |   | .7   |   | .7   | .2    | .2    | .1    | .0    | .0    | .0    | .0    | .0  | 2.3   | 8.7        |
| S      | .9  |   | 3.3  |   | 4.6  | 3.1   | .3    | .2    | .1    | .2    | .0    | .0    | .0  | 12.8  | 9.3        |
| SSW    | 1.0 |   | 3.8  |   | 5.4  | 5.0   | .8    | .2    | .1    | .1    | .0    | .0    | .0  | 16.4  | 9.7        |
| SW     | 1.0 |   | 2.6  |   | 1.1  | 1.1   | .3    | .2    | .0    | .0    | .0    | .0    | .0  | 6.3   | 7.8        |
| WSW    | 1.7 |   | .5   |   | .1   | .7    | .3    | .0    | .0    | .0    | .0    | .0    | .0  | 3.2   | 6.8        |
| W      | .4  |   | 1.1  |   | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.7   | 4.9        |
| WNW    | .4  |   | .6   |   | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.3   | 4.8        |
| NW     | .4  |   | .1   |   | .3   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.0   | 5.9        |
| NNW    | .5  |   | .6   |   | .9   | .9    | .0    | .4    | .0    | .0    | .0    | .0    | .0  | 3.2   | 10.3       |
| VAR    | .0  |   | .0   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0         |
| CLM    | .0  |   | .0   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 3.9   | .0         |
| ALL    | 9.7 |   | 10.6 |   | 32.5 | 24.9  | 4.6   | 2.8   | .4    | .5    | .0    | .0    | .0  | 100.0 | 9.1        |

TOTAL NO. OF OBS : 1010

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 2100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1    | 2    | 3    | 4    | 5   | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN       |
|--------|------|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|
| DIR.   | 1    | 2    | 3    | 4    | 5   | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     | WIND SPEED |
| N      | .8   | 2.2  | 3.3  | 3.3  | 3.2 | 1.3 | .6   | .1    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 11.7  | 11.5       |
| NNE    | .8   | .9   | 3.3  | 2.9  | 2.9 | 1.5 | .6   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 10.1  | 11.9       |
| NE     | .4   | 1.7  | 2.9  | 2.4  | 2.4 | .9  | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8.5   | 10.6       |
| ENE    | .8   | 2.2  | 2.6  | 1.6  | 1.6 | .2  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 7.4   | 8.1        |
| E      | .9   | 3.9  | 4.2  | .9   | .9  | .0  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 10.0  | 7.0        |
| ESE    | .9   | 1.0  | .5   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.4   | 4.4        |
| SE     | .2   | .9   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.2   | 6.8        |
| SSE    | 1.3  | 1.3  | .8   | .2   | .2  | .0  | .0   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 3.6   | 5.9        |
| S      | 2.1  | 3.6  | 3.6  | 1.4  | 1.4 | .7  | .2   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 11.8  | 8.2        |
| SSW    | 1.5  | 3.0  | 3.3  | 2.7  | 2.7 | .7  | .0   | .1    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 11.6  | 9.2        |
| SW     | .4   | 1.8  | 1.8  | 1.4  | 1.4 | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.4   | 8.3        |
| WSW    | .6   | .6   | .6   | .7   | .7  | .2  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.6   | 8.7        |
| W      | .5   | .2   | .1   | .0   | .0  | .0  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .9    | 5.6        |
| WNW    | .5   | .6   | .2   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.3   | 4.2        |
| NW     | .2   | .8   | .4   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.4   | 5.8        |
| NNW    | .8   | .9   | 1.2  | 1.4  | 1.4 | .2  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.4   | 8.4        |
| VAR    | .0   | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |
| CLM    | .0   | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.8   | .0         |
| ALL    | 12.5 | 25.4 | 28.9 | 18.7 | 5.7 | 1.9 | .4   | .7    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 100.0 | 8.4        |

TOTAL NO. OF OBS : 1019

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. |      | SPEED (KNOTS) |     |   |      |      |       |       |       |       |       |       |       |      |       |      |      | TOTAL |  | MEAN |  |
|--------|------|---------------|-----|---|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|------|-------|--|------|--|
| DIR.   |      | 1             | - 3 | 4 | - 6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     |      | WIND | SPEED |  |      |  |
| N      | 1.5  | 3.2           |     |   | 5.2  | 5.3  | 2.0   | .6    | .2    | .1    | .0*   | .0    | .0    | .0   | 18.1  | 10.8 |      |       |  |      |  |
| NNE    | 1.2  | 2.5           |     |   | 5.0  | 4.4  | 1.6   | .4    | .0*   | .0*   | .0*   | .0    | .0    | .0   | 15.1  | 10.5 |      |       |  |      |  |
| NE     | 1.0  | 2.5           |     |   | 4.0  | 2.5  | .7    | .1    | .0*   | .0*   | .0    | .0    | .0    | .0   | 10.8  | 9.1  |      |       |  |      |  |
| ENE    | 1.0  | 1.7           |     |   | 2.1  | 1.1  | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.0   | 7.5  |      |       |  |      |  |
| E      | 1.3  | 1.9           |     |   | 1.8  | .7   | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | 5.7   | 6.4  |      |       |  |      |  |
| ESE    | .5   | .6            |     |   | .4   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.6   | 5.4  |      |       |  |      |  |
| SE     | .2   | .4            |     |   | .2   | .0*  | .0    | .0    | .0    | .0    | .0*   | .0    | .0    | .0   | .9    | 5.4  |      |       |  |      |  |
| SSE    | .6   | .5            |     |   | .4   | .2   | .0*   | .0*   | .0*   | .0*   | .0*   | .0    | .0    | .0   | 1.8   | 6.6  |      |       |  |      |  |
| S      | .9   | 1.9           |     |   | 2.8  | 2.0  | .6    | .3    | .1    | .1    | .0*   | .0*   | .0    | .0   | 8.7   | 10.0 |      |       |  |      |  |
| SSW    | .7   | 2.1           |     |   | 3.5  | 3.2  | .8    | .2    | .1    | .0*   | .0*   | .0    | .0    | .0   | 10.7  | 10.3 |      |       |  |      |  |
| SW     | .5   | 1.3           |     |   | 1.3  | 1.1  | .3    | .1    | .0*   | .0*   | .0*   | .0    | .0    | .0   | 4.6   | 9.1  |      |       |  |      |  |
| WSW    | .4   | .3            |     |   | .5   | .3   | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | 1.7   | 8.7  |      |       |  |      |  |
| W      | .3   | .3            |     |   | .1   | .1   | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 5.6  |      |       |  |      |  |
| WNW    | .4   | .3            |     |   | .1   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 4.0  |      |       |  |      |  |
| NW     | .5   | .7            |     |   | .3   | .1   | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | 1.7   | 5.5  |      |       |  |      |  |
| NNW    | .8   | 1.5           |     |   | 1.8  | 1.1  | .2    | .1    | .0*   | .0*   | .0*   | .0    | .0    | .0   | 5.5   | 8.3  |      |       |  |      |  |
| VAR    | .0   | .0            |     |   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   | .0   |       |  |      |  |
| CLM    | .0   | .0            |     |   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.5   | .0   |      |       |  |      |  |
| LLL    | 11.9 | 21.8          |     |   | 29.3 | 22.2 | 6.6   | 1.9   | .5    | .3    | .0*   | .0*   | .0    | .0   | 100.0 | 8.8  |      |       |  |      |  |

TOTAL NO. OF OBS : 8148

NOTES : \* = PERCENT < .05

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 0000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/4  | >=1  |
| UNLIMIT | 15.2                       | 27.2 | 27.9 | 29.0 | 29.2 | 29.5 | 29.9 | 30.0 | 30.0 | 30.0 |
| >=20000 | 15.5                       | 29.0 | 29.7 | 30.8 | 31.1 | 31.4 | 31.9 | 32.0 | 32.0 | 32.0 |
| >=18000 | 15.5                       | 29.0 | 29.7 | 30.8 | 31.1 | 31.4 | 31.9 | 32.0 | 32.0 | 32.0 |
| >=16000 | 15.5                       | 29.0 | 29.7 | 30.8 | 31.1 | 31.4 | 31.9 | 32.0 | 32.0 | 32.0 |
| >=14000 | 15.8                       | 29.4 | 30.3 | 31.4 | 31.7 | 32.1 | 32.5 | 32.6 | 32.6 | 32.6 |
| >=12000 | 16.7                       | 31.4 | 32.4 | 33.7 | 34.0 | 34.4 | 34.8 | 35.0 | 35.0 | 35.0 |
| >=10000 | 18.5                       | 36.5 | 37.6 | 39.2 | 39.5 | 39.9 | 40.3 | 40.5 | 40.5 | 40.5 |
| >=9000  | 18.8                       | 37.4 | 38.5 | 40.2 | 40.5 | 41.0 | 41.4 | 41.6 | 41.6 | 41.6 |
| >=8000  | 21.2                       | 43.0 | 44.6 | 46.7 | 47.1 | 47.5 | 48.0 | 48.2 | 48.2 | 48.2 |
| >=7000  | 22.2                       | 45.0 | 46.8 | 49.1 | 49.6 | 50.2 | 50.7 | 51.0 | 51.0 | 51.0 |
| >=6000  | 22.8                       | 45.7 | 47.5 | 49.9 | 50.5 | 51.0 | 51.5 | 51.8 | 51.8 | 51.8 |
| >=5000  | 24.1                       | 48.2 | 50.3 | 53.0 | 53.6 | 54.1 | 54.6 | 55.1 | 55.1 | 55.1 |
| >=4500  | 24.6                       | 49.2 | 51.3 | 54.0 | 54.6 | 55.1 | 55.6 | 56.1 | 56.1 | 56.1 |
| >=4000  | 27.7                       | 54.3 | 56.8 | 59.6 | 60.3 | 60.8 | 61.5 | 62.0 | 62.0 | 62.0 |
| >=3500  | 28.6                       | 56.6 | 59.4 | 62.1 | 62.9 | 63.4 | 64.1 | 64.6 | 64.6 | 64.6 |
| >=3000  | 30.8                       | 62.6 | 65.8 | 69.3 | 70.6 | 71.1 | 71.9 | 72.4 | 72.4 | 72.4 |
| >=2500  | 32.6                       | 65.1 | 68.9 | 72.4 | 73.9 | 74.4 | 75.5 | 76.0 | 76.1 | 76.5 |
| >=2000  | 34.5                       | 69.3 | 73.4 | 77.8 | 79.7 | 80.5 | 81.7 | 82.4 | 82.5 | 83.3 |
| >=1800  | 34.6                       | 69.4 | 73.5 | 77.9 | 79.8 | 80.6 | 81.8 | 82.5 | 82.6 | 83.4 |
| >=1500  | 35.8                       | 71.6 | 76.0 | 81.1 | 83.2 | 84.2 | 85.8 | 86.8 | 86.9 | 88.1 |
| >=1200  | 35.9                       | 72.0 | 76.4 | 81.7 | 83.8 | 84.8 | 86.5 | 87.5 | 87.6 | 88.8 |
| >=1000  | 36.4                       | 74.2 | 79.1 | 85.0 | 87.8 | 88.9 | 90.7 | 91.8 | 91.9 | 93.7 |
| >=900   | 36.4                       | 74.2 | 79.1 | 85.0 | 87.9 | 89.0 | 90.9 | 92.0 | 92.1 | 93.9 |
| >=800   | 36.6                       | 75.2 | 80.1 | 86.5 | 89.7 | 90.8 | 93.3 | 94.5 | 94.6 | 96.7 |
| >=700   | 36.6                       | 75.3 | 80.2 | 86.7 | 89.9 | 91.0 | 93.6 | 94.8 | 94.9 | 97.0 |
| >=600   | 36.7                       | 75.5 | 80.4 | 87.0 | 90.3 | 91.4 | 94.0 | 95.2 | 95.4 | 97.6 |
| >=500   | 36.7                       | 75.7 | 80.6 | 87.4 | 90.7 | 91.8 | 94.6 | 96.0 | 96.2 | 98.4 |
| >=400   | 36.7                       | 75.7 | 80.6 | 87.4 | 90.7 | 91.8 | 94.6 | 96.0 | 96.2 | 98.4 |
| >=300   | 36.7                       | 75.7 | 80.6 | 87.4 | 90.8 | 91.9 | 94.7 | 96.1 | 96.3 | 98.5 |
| >=200   | 36.7                       | 75.7 | 80.6 | 87.4 | 90.8 | 91.9 | 94.7 | 96.1 | 96.3 | 98.5 |
| >=100   | 36.7                       | 75.7 | 80.6 | 87.4 | 90.8 | 91.9 | 94.7 | 96.1 | 96.3 | 98.5 |
| >=0     | 36.7                       | 75.7 | 80.6 | 87.4 | 90.8 | 91.9 | 94.7 | 96.1 | 96.3 | 98.5 |

TOTAL NO. OF OBS : 989



# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN.  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 0300 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|------|-------|-------|-------|--------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | 1/4  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |
| UNLIMIT | 12.6                       | 24.3 | 25.8 | 27.3 | 28.4 | 28.4    | 28.6 | 28.7    | 28.7 | 28.8 | 28.9  | 28.9  | 29.0  | 29.0   | 29.0  | 29.0  |
| >=20000 | 13.3                       | 26.4 | 27.9 | 29.5 | 30.6 | 30.6    | 30.8 | 30.9    | 30.9 | 31.0 | 31.1  | 31.1  | 31.2  | 31.2   | 31.2  | 31.2  |
| >=18000 | 13.4                       | 26.5 | 28.0 | 29.6 | 30.7 | 30.7    | 30.9 | 31.0    | 31.0 | 31.1 | 31.2  | 31.2  | 31.3  | 31.3   | 31.3  | 31.3  |
| >=16000 | 13.4                       | 26.5 | 28.0 | 29.6 | 30.7 | 30.7    | 30.9 | 31.0    | 31.0 | 31.1 | 31.2  | 31.2  | 31.3  | 31.3   | 31.3  | 31.3  |
| >=14000 | 13.5                       | 26.8 | 28.3 | 29.9 | 31.0 | 31.0    | 31.2 | 31.3    | 31.3 | 31.4 | 31.5  | 31.5  | 31.6  | 31.6   | 31.6  | 31.6  |
| >=12000 | 14.6                       | 28.8 | 30.3 | 31.9 | 33.2 | 33.2    | 33.4 | 33.5    | 33.5 | 33.6 | 33.7  | 33.7  | 33.8  | 33.8   | 33.8  | 33.8  |
| >=10000 | 16.9                       | 33.3 | 35.1 | 37.0 | 38.4 | 38.4    | 38.7 | 38.8    | 38.8 | 39.0 | 39.1  | 39.1  | 39.2  | 39.2   | 39.2  | 39.2  |
| >= 9000 | 17.1                       | 33.7 | 35.6 | 37.5 | 39.0 | 39.0    | 39.3 | 39.4    | 39.4 | 39.6 | 39.7  | 39.7  | 39.8  | 39.8   | 39.8  | 39.8  |
| >= 8000 | 19.4                       | 37.9 | 40.2 | 42.9 | 44.4 | 44.4    | 45.0 | 45.1    | 45.1 | 45.3 | 45.5  | 45.5  | 45.6  | 45.6   | 45.6  | 45.6  |
| >= 7000 | 19.8                       | 39.6 | 42.0 | 45.0 | 47.0 | 47.0    | 47.7 | 47.8    | 47.8 | 48.0 | 48.2  | 48.2  | 48.3  | 48.3   | 48.3  | 48.3  |
| >= 6000 | 20.1                       | 40.2 | 42.8 | 45.8 | 47.9 | 48.0    | 48.6 | 48.7    | 48.7 | 48.9 | 49.1  | 49.1  | 49.2  | 49.2   | 49.2  | 49.2  |
| >= 5000 | 21.3                       | 42.6 | 45.7 | 48.5 | 50.9 | 51.1    | 51.8 | 51.9    | 51.9 | 52.1 | 52.3  | 52.3  | 52.4  | 52.4   | 52.4  | 52.4  |
| >= 4500 | 21.7                       | 43.2 | 45.9 | 49.1 | 51.5 | 51.7    | 52.4 | 52.5    | 52.5 | 52.7 | 52.9  | 52.9  | 53.0  | 53.0   | 53.0  | 53.0  |
| >= 4000 | 23.9                       | 47.3 | 50.4 | 53.7 | 56.2 | 56.4    | 57.3 | 57.6    | 57.6 | 57.9 | 58.1  | 58.1  | 58.2  | 58.2   | 58.2  | 58.2  |
| >= 3500 | 24.8                       | 49.2 | 52.4 | 56.0 | 58.7 | 58.9    | 60.1 | 60.4    | 60.4 | 60.7 | 60.9  | 60.9  | 61.0  | 61.0   | 61.0  | 61.0  |
| >= 3000 | 27.5                       | 57.5 | 61.0 | 65.7 | 68.6 | 68.8    | 70.7 | 70.7    | 70.7 | 71.1 | 71.3  | 71.3  | 71.4  | 71.4   | 71.4  | 71.4  |
| >= 2500 | 28.6                       | 60.0 | 64.1 | 69.1 | 72.2 | 72.6    | 74.5 | 74.9    | 74.9 | 75.4 | 75.6  | 75.6  | 75.7  | 75.7   | 75.7  | 75.7  |
| >= 2000 | 30.0                       | 63.5 | 67.9 | 73.8 | 77.5 | 77.9    | 80.4 | 81.1    | 81.2 | 81.9 | 82.2  | 82.2  | 82.3  | 82.3   | 82.3  | 82.3  |
| >= 1800 | 30.0                       | 63.5 | 68.0 | 73.9 | 77.6 | 78.0    | 80.5 | 81.2    | 81.3 | 82.0 | 82.3  | 82.3  | 82.4  | 82.4   | 82.4  | 82.4  |
| >= 1500 | 31.6                       | 66.9 | 72.1 | 78.8 | 83.4 | 84.0    | 86.6 | 87.9    | 88.0 | 88.9 | 89.3  | 89.3  | 89.4  | 89.4   | 89.4  | 89.4  |
| >= 1200 | 31.8                       | 67.3 | 72.5 | 79.2 | 83.8 | 84.4    | 87.4 | 88.5    | 88.6 | 89.5 | 89.9  | 89.9  | 90.0  | 90.0   | 90.0  | 90.0  |
| >= 1000 | 32.3                       | 68.8 | 74.3 | 81.7 | 87.2 | 87.9    | 91.3 | 92.5    | 92.6 | 93.9 | 94.4  | 94.4  | 94.6  | 94.6   | 94.8  | 94.8  |
| >= 900  | 32.3                       | 68.9 | 74.4 | 82.0 | 87.5 | 88.2    | 91.6 | 92.9    | 93.0 | 94.3 | 94.8  | 94.8  | 95.0  | 95.0   | 95.2  | 95.2  |
| >= 800  | 32.4                       | 69.5 | 75.0 | 83.0 | 88.7 | 89.4    | 93.0 | 94.4    | 94.5 | 96.1 | 96.6  | 96.7  | 96.8  | 96.8   | 97.0  | 97.0  |
| >= 700  | 32.4                       | 69.8 | 75.7 | 83.4 | 89.1 | 89.8    | 93.5 | 95.0    | 95.1 | 96.7 | 97.3  | 97.4  | 97.5  | 97.5   | 97.7  | 97.7  |
| >= 600  | 32.4                       | 69.8 | 75.3 | 83.5 | 89.4 | 90.1    | 93.9 | 95.4    | 95.5 | 97.1 | 97.7  | 97.8  | 97.9  | 97.9   | 98.1  | 98.1  |
| >= 500  | 32.4                       | 70.1 | 75.6 | 84.0 | 90.0 | 90.7    | 94.9 | 96.4    | 96.5 | 98.1 | 98.7  | 98.8  | 98.9  | 98.9   | 99.1  | 99.1  |
| >= 400  | 32.4                       | 70.1 | 75.6 | 84.0 | 90.1 | 90.8    | 95.0 | 96.5    | 96.6 | 98.2 | 98.8  | 98.9  | 99.0  | 99.0   | 99.2  | 99.2  |
| >= 300  | 32.4                       | 70.2 | 75.7 | 84.1 | 90.3 | 91.1    | 95.4 | 96.9    | 97.1 | 98.7 | 99.3  | 99.4  | 99.5  | 99.5   | 99.8  | 99.8  |
| >= 200  | 32.4                       | 70.2 | 75.7 | 84.1 | 90.3 | 91.1    | 95.4 | 97.0    | 97.2 | 98.8 | 99.4  | 99.5  | 99.6  | 99.6   | 99.9  | 99.9  |
| >= 100  | 32.4                       | 70.2 | 75.7 | 84.1 | 90.3 | 91.1    | 95.4 | 97.0    | 97.2 | 98.8 | 99.4  | 99.5  | 99.6  | 99.6   | 99.9  | 99.9  |
| >= 0    | 32.4                       | 70.2 | 75.7 | 84.1 | 90.3 | 91.1    | 95.4 | 97.0    | 97.2 | 98.8 | 99.4  | 99.5  | 99.6  | 99.6   | 99.9  | 100.0 |

TOTAL NO. OF OBS : 997

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 0600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | >=10 | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |
|---------|------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 7.3  | 16.4 | 18.9 | 20.7 | 21.5 | 21.6    | 21.9 | 21.9    | 21.9 | 22.0  | 22.1  | 22.1  | 22.1   | 22.1  | 22.1  |
| >=20000 | 7.9  | 18.0 | 21.1 | 23.1 | 24.1 | 24.2    | 24.5 | 24.5    | 24.5 | 24.7  | 24.8  | 24.8  | 24.8   | 24.8  | 24.8  |
| >=18000 | 7.9  | 18.0 | 21.1 | 23.1 | 24.1 | 24.2    | 24.5 | 24.5    | 24.5 | 24.7  | 24.8  | 24.8  | 24.8   | 24.8  | 24.8  |
| >=16000 | 7.9  | 18.0 | 21.1 | 23.1 | 24.1 | 24.2    | 24.6 | 24.6    | 24.6 | 24.8  | 24.9  | 24.9  | 24.9   | 24.9  | 24.9  |
| >=14000 | 8.1  | 18.3 | 21.5 | 23.5 | 24.6 | 24.7    | 25.1 | 25.1    | 25.1 | 25.4  | 25.5  | 25.5  | 25.5   | 25.5  | 25.5  |
| >=12000 | 9.5  | 20.6 | 23.8 | 26.4 | 27.7 | 27.8    | 28.4 | 28.5    | 28.5 | 28.8  | 28.9  | 28.9  | 28.9   | 28.9  | 28.9  |
| >=10000 | 10.9 | 23.8 | 27.7 | 31.0 | 32.6 | 32.8    | 33.4 | 33.7    | 33.7 | 34.2  | 34.3  | 34.3  | 34.3   | 34.4  | 34.4  |
| >= 9000 | 11.0 | 24.3 | 28.3 | 31.6 | 33.4 | 33.6    | 34.2 | 34.5    | 34.6 | 35.1  | 35.3  | 35.3  | 35.3   | 35.4  | 35.4  |
| >= 8000 | 12.1 | 27.4 | 32.1 | 36.2 | 38.7 | 39.0    | 39.8 | 40.1    | 40.2 | 40.7  | 40.9  | 40.9  | 40.9   | 41.0  | 41.0  |
| >= 7000 | 13.0 | 29.3 | 34.1 | 38.6 | 41.2 | 41.6    | 42.6 | 42.9    | 43.0 | 43.5  | 43.7  | 43.7  | 43.7   | 43.8  | 43.8  |
| >= 6000 | 13.3 | 29.9 | 34.9 | 39.5 | 42.1 | 42.5    | 43.5 | 43.8    | 43.9 | 44.4  | 44.6  | 44.6  | 44.6   | 44.7  | 44.7  |
| >= 5000 | 13.9 | 32.0 | 37.2 | 42.1 | 45.2 | 45.6    | 46.7 | 47.1    | 47.2 | 47.7  | 48.0  | 48.0  | 48.0   | 48.1  | 48.1  |
| >= 4500 | 14.3 | 32.9 | 38.3 | 43.2 | 46.3 | 46.7    | 47.9 | 48.3    | 48.4 | 48.9  | 49.2  | 49.2  | 49.2   | 49.3  | 49.3  |
| >= 4000 | 15.5 | 36.5 | 42.4 | 47.6 | 50.9 | 51.3    | 52.7 | 53.3    | 53.4 | 54.0  | 54.3  | 54.4  | 54.4   | 54.5  | 54.5  |
| >= 3500 | 15.7 | 37.8 | 43.9 | 49.2 | 52.5 | 52.9    | 54.5 | 55.1    | 55.2 | 55.9  | 56.2  | 56.3  | 56.3   | 56.4  | 56.4  |
| >= 3000 | 17.2 | 42.1 | 49.3 | 56.2 | 60.2 | 60.8    | 62.7 | 63.6    | 63.8 | 64.8  | 65.3  | 65.5  | 65.5   | 65.6  | 65.6  |
| >= 2500 | 18.3 | 44.6 | 52.0 | 59.0 | 63.5 | 64.1    | 66.2 | 67.3    | 67.6 | 68.8  | 69.4  | 69.5  | 69.5   | 69.6  | 69.6  |
| >= 2000 | 19.0 | 47.4 | 55.3 | 62.9 | 68.3 | 69.4    | 72.0 | 73.7    | 74.1 | 75.8  | 76.4  | 76.5  | 76.5   | 76.6  | 76.6  |
| >= 1800 | 19.0 | 47.6 | 55.5 | 63.1 | 68.5 | 69.6    | 72.2 | 73.9    | 74.3 | 76.0  | 76.6  | 76.7  | 76.7   | 76.8  | 76.8  |
| >= 1500 | 19.5 | 50.1 | 58.5 | 66.9 | 73.2 | 74.6    | 77.8 | 80.1    | 80.5 | 82.4  | 83.0  | 83.2  | 83.2   | 83.3  | 83.3  |
| >= 1200 | 19.8 | 50.7 | 59.2 | 67.7 | 74.1 | 75.5    | 79.1 | 81.4    | 81.8 | 83.7  | 84.3  | 84.5  | 84.5   | 84.6  | 84.6  |
| >= 1000 | 20.3 | 52.8 | 62.3 | 72.3 | 79.4 | 80.8    | 84.9 | 87.4    | 87.9 | 90.3  | 91.2  | 91.4  | 91.4   | 91.5  | 91.5  |
| >= 900  | 20.3 | 52.8 | 62.3 | 72.4 | 79.5 | 80.9    | 85.0 | 87.5    | 88.0 | 90.5  | 91.4  | 91.6  | 91.6   | 91.7  | 91.7  |
| >= 800  | 20.7 | 54.2 | 63.9 | 74.5 | 82.2 | 83.7    | 88.1 | 91.0    | 91.6 | 94.2  | 95.1  | 95.6  | 95.6   | 95.7  | 95.7  |
| >= 700  | 20.7 | 54.4 | 64.2 | 75.0 | 82.9 | 84.4    | 88.8 | 91.7    | 92.3 | 95.1  | 96.0  | 96.5  | 96.5   | 96.6  | 96.6  |
| >= 600  | 20.7 | 54.5 | 64.3 | 75.5 | 83.6 | 85.1    | 89.5 | 92.4    | 93.0 | 95.9  | 96.8  | 97.3  | 97.3   | 97.5  | 97.5  |
| >= 500  | 20.7 | 54.8 | 64.7 | 76.0 | 84.1 | 85.6    | 90.4 | 93.2    | 93.8 | 96.9  | 97.9  | 98.4  | 98.4   | 98.6  | 98.6  |
| >= 400  | 20.7 | 54.8 | 64.7 | 76.0 | 84.2 | 85.7    | 90.5 | 93.3    | 93.9 | 97.1  | 98.1  | 98.7  | 98.7   | 98.9  | 98.9  |
| >= 300  | 20.7 | 54.8 | 64.7 | 76.1 | 84.3 | 86.0    | 90.8 | 93.6    | 94.2 | 97.4  | 98.4  | 99.1  | 99.1   | 99.3  | 99.3  |
| >= 200  | 20.7 | 54.8 | 64.7 | 76.1 | 84.3 | 86.0    | 90.9 | 93.7    | 94.4 | 97.6  | 98.6  | 99.3  | 99.3   | 99.5  | 99.5  |
| >= 100  | 20.7 | 54.8 | 64.7 | 76.1 | 84.3 | 86.0    | 90.9 | 93.7    | 94.4 | 97.6  | 98.6  | 99.3  | 99.3   | 99.6  | 99.6  |
| >= 0    | 20.7 | 54.8 | 64.7 | 76.1 | 84.3 | 86.0    | 90.9 | 93.7    | 94.4 | 97.6  | 98.6  | 99.3  | 99.3   | 99.6  | 100.0 |

TOTAL NO. OF OBS : 995

# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 |
| UNLIMIT | 6.1                        | 15.2 | 18.1 | 20.1 | 21.3 | 21.8 | 23.4 | 23.8 | 23.9 | 24.3 | 24.8 | 24.8 | 24.8  | 24.8  | 24.8  | 24.8   |
| >=20000 | 6.3                        | 17.2 | 20.4 | 22.8 | 24.6 | 25.1 | 26.8 | 27.3 | 27.4 | 27.8 | 28.3 | 28.3 | 28.3  | 28.3  | 28.3  | 28.3   |
| >=18000 | 6.3                        | 17.2 | 20.4 | 22.8 | 24.7 | 25.2 | 26.9 | 27.4 | 27.5 | 27.9 | 28.4 | 28.4 | 28.4  | 28.4  | 28.4  | 28.4   |
| >=16000 | 6.3                        | 17.3 | 20.5 | 22.9 | 24.8 | 25.3 | 27.0 | 27.5 | 27.6 | 28.1 | 28.6 | 28.6 | 28.6  | 28.6  | 28.6  | 28.6   |
| >=14000 | 6.6                        | 18.4 | 21.7 | 24.1 | 26.1 | 26.6 | 28.4 | 28.9 | 29.0 | 29.7 | 30.2 | 30.2 | 30.2  | 30.2  | 30.2  | 30.2   |
| >=12000 | 7.4                        | 20.5 | 24.3 | 27.0 | 29.0 | 29.6 | 32.0 | 32.5 | 32.6 | 33.4 | 33.9 | 33.9 | 33.9  | 33.9  | 33.9  | 33.9   |
| >=10000 | 8.4                        | 24.4 | 28.6 | 31.6 | 34.2 | 35.0 | 37.9 | 38.4 | 38.6 | 39.7 | 40.3 | 40.3 | 40.3  | 40.3  | 40.3  | 40.3   |
| >= 9000 | 8.6                        | 25.1 | 29.3 | 32.4 | 34.9 | 35.8 | 38.9 | 39.4 | 39.7 | 40.8 | 41.5 | 41.5 | 41.5  | 41.5  | 41.5  | 41.5   |
| >= 8000 | 9.8                        | 28.0 | 32.6 | 36.0 | 39.3 | 40.3 | 43.8 | 44.6 | 44.9 | 46.0 | 46.6 | 46.6 | 46.6  | 46.6  | 46.6  | 46.6   |
| >= 7000 | 10.2                       | 29.4 | 34.3 | 37.8 | 41.3 | 42.4 | 45.8 | 46.9 | 47.2 | 48.3 | 48.9 | 48.9 | 48.9  | 48.9  | 48.9  | 48.9   |
| >= 6000 | 10.4                       | 30.1 | 35.0 | 38.5 | 42.1 | 43.2 | 46.6 | 47.7 | 48.0 | 49.1 | 49.7 | 49.7 | 49.7  | 49.7  | 49.7  | 49.7   |
| >= 5000 | 10.9                       | 31.9 | 37.0 | 40.8 | 44.5 | 45.7 | 49.4 | 50.6 | 50.9 | 52.0 | 52.6 | 52.6 | 52.6  | 52.6  | 52.6  | 52.6   |
| >= 4000 | 11.1                       | 32.9 | 38.1 | 42.0 | 45.6 | 46.9 | 50.7 | 51.8 | 52.1 | 53.2 | 53.8 | 53.8 | 53.8  | 53.8  | 53.8  | 53.8   |
| >= 3500 | 12.5                       | 37.3 | 43.6 | 48.5 | 52.6 | 54.4 | 58.6 | 59.8 | 60.1 | 61.4 | 62.1 | 62.1 | 62.1  | 62.1  | 62.1  | 62.1   |
| >= 3000 | 13.2                       | 40.5 | 47.4 | 53.4 | 58.4 | 60.5 | 65.6 | 67.8 | 68.1 | 69.6 | 70.4 | 70.4 | 70.4  | 70.4  | 70.4  | 70.4   |
| >= 2500 | 13.8                       | 42.5 | 49.6 | 56.2 | 61.4 | 63.4 | 69.0 | 71.2 | 71.5 | 73.1 | 73.9 | 73.9 | 73.9  | 73.9  | 73.9  | 73.9   |
| >= 2000 | 14.3                       | 44.8 | 52.7 | 59.8 | 65.5 | 67.5 | 73.2 | 75.7 | 76.0 | 78.1 | 78.9 | 78.9 | 78.9  | 78.9  | 78.9  | 78.9   |
| >= 1800 | 14.3                       | 44.9 | 52.8 | 59.9 | 65.6 | 67.6 | 73.3 | 75.8 | 76.1 | 78.2 | 79.0 | 79.0 | 79.0  | 79.0  | 79.0  | 79.0   |
| >= 1500 | 15.2                       | 47.4 | 55.5 | 63.7 | 70.6 | 72.9 | 79.1 | 81.9 | 82.2 | 84.3 | 85.2 | 85.2 | 85.2  | 85.2  | 85.2  | 85.2   |
| >= 1200 | 15.4                       | 47.9 | 56.0 | 64.5 | 71.4 | 73.7 | 80.1 | 82.9 | 83.2 | 85.3 | 86.3 | 86.3 | 86.3  | 86.3  | 86.3  | 86.3   |
| >= 1000 | 15.6                       | 49.7 | 58.3 | 67.5 | 75.5 | 78.1 | 84.9 | 88.0 | 88.3 | 90.4 | 91.4 | 91.4 | 91.4  | 91.4  | 91.4  | 91.4   |
| >= 900  | 15.6                       | 49.7 | 58.3 | 67.6 | 75.6 | 78.2 | 85.0 | 88.2 | 88.5 | 90.7 | 91.7 | 91.7 | 91.7  | 91.7  | 91.7  | 91.7   |
| >= 800  | 15.8                       | 50.6 | 59.3 | 68.9 | 77.1 | 79.9 | 87.1 | 90.4 | 91.1 | 93.6 | 94.8 | 94.8 | 94.8  | 94.8  | 94.8  | 94.8   |
| >= 700  | 15.9                       | 50.7 | 59.4 | 69.1 | 77.4 | 80.1 | 87.4 | 90.9 | 91.6 | 94.1 | 95.4 | 95.4 | 95.4  | 95.4  | 95.4  | 95.4   |
| >= 600  | 15.9                       | 50.9 | 59.7 | 69.7 | 78.2 | 80.9 | 88.4 | 91.9 | 92.7 | 95.3 | 96.7 | 96.7 | 96.7  | 96.7  | 96.7  | 96.7   |
| >= 500  | 15.9                       | 50.9 | 59.8 | 69.8 | 78.4 | 81.2 | 89.0 | 92.7 | 93.7 | 96.8 | 98.3 | 98.3 | 98.3  | 98.3  | 98.3  | 98.3   |
| >= 400  | 15.9                       | 50.9 | 59.8 | 69.8 | 78.4 | 81.2 | 89.0 | 92.8 | 93.8 | 96.9 | 98.4 | 98.4 | 98.4  | 98.4  | 98.4  | 98.4   |
| >= 300  | 15.9                       | 50.9 | 59.8 | 69.9 | 78.5 | 81.3 | 89.2 | 93.0 | 94.0 | 97.1 | 98.6 | 98.6 | 98.6  | 98.6  | 98.6  | 98.6   |
| >= 200  | 15.9                       | 50.9 | 59.8 | 69.9 | 78.5 | 81.3 | 89.2 | 93.0 | 94.0 | 97.2 | 98.7 | 98.7 | 98.7  | 98.7  | 98.7  | 98.7   |
| >= 100  | 15.9                       | 50.9 | 59.8 | 69.9 | 78.5 | 81.3 | 89.2 | 93.0 | 94.0 | 97.2 | 98.7 | 98.7 | 98.7  | 98.7  | 98.7  | 98.7   |
| >= 0    | 15.9                       | 50.9 | 59.8 | 69.9 | 78.5 | 81.3 | 89.2 | 93.0 | 94.0 | 97.2 | 98.7 | 98.7 | 98.7  | 98.7  | 98.7  | 98.7   |

TOTAL NO. OF OBS : 989

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 1200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |         |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|---------|-------|-------|-------|--------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=1 1/4 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |
| UNLIMIT | 10.2                       | 23.6 | 26.3 | 28.2 | 29.6 | 29.8    | 30.2 | 30.6    | 30.7 | 30.6    | 30.8  | 30.8  | 30.9  | 30.9   | 30.9  | 30.9  |
| >=20000 | 11.2                       | 27.4 | 30.6 | 33.0 | 34.6 | 34.8    | 35.2 | 35.8    | 35.9 | 35.8    | 36.0  | 36.0  | 36.1  | 36.1   | 36.1  | 36.1  |
| >=18000 | 11.2                       | 27.4 | 30.6 | 33.0 | 34.7 | 34.9    | 35.3 | 35.9    | 36.1 | 35.9    | 36.2  | 36.2  | 36.3  | 36.3   | 36.3  | 36.3  |
| >=16000 | 11.2                       | 27.6 | 30.8 | 33.2 | 34.9 | 35.1    | 35.6 | 36.1    | 36.3 | 36.1    | 36.4  | 36.4  | 36.5  | 36.5   | 36.5  | 36.5  |
| >=14000 | 11.6                       | 28.2 | 31.6 | 34.0 | 35.9 | 36.1    | 36.5 | 37.0    | 37.2 | 37.0    | 37.3  | 37.3  | 37.4  | 37.4   | 37.4  | 37.4  |
| >=12000 | 12.5                       | 31.1 | 34.5 | 37.2 | 39.4 | 39.7    | 40.3 | 40.8    | 41.0 | 40.8    | 41.1  | 41.1  | 41.2  | 41.2   | 41.2  | 41.2  |
| >=10000 | 13.9                       | 35.7 | 39.8 | 42.8 | 45.9 | 46.2    | 47.3 | 47.8    | 48.0 | 48.0    | 48.3  | 48.3  | 48.4  | 48.4   | 48.4  | 48.4  |
| >=9000  | 14.3                       | 36.5 | 40.6 | 43.9 | 46.9 | 47.2    | 48.5 | 49.0    | 49.3 | 49.1    | 49.4  | 49.4  | 49.5  | 49.5   | 49.5  | 49.5  |
| >=8000  | 15.6                       | 40.3 | 45.4 | 49.0 | 52.4 | 52.7    | 54.4 | 55.0    | 55.2 | 55.0    | 55.3  | 55.3  | 55.4  | 55.4   | 55.4  | 55.4  |
| >=7000  | 16.1                       | 42.2 | 47.5 | 51.4 | 54.8 | 55.1    | 56.9 | 57.4    | 57.7 | 57.5    | 57.8  | 57.8  | 58.0  | 58.0   | 58.0  | 58.0  |
| >=6000  | 16.4                       | 43.0 | 48.5 | 52.4 | 55.7 | 56.0    | 57.9 | 58.5    | 58.8 | 58.6    | 58.9  | 58.9  | 59.1  | 59.1   | 59.1  | 59.1  |
| >=5000  | 17.1                       | 44.9 | 50.8 | 54.8 | 58.2 | 58.6    | 60.6 | 61.3    | 61.6 | 61.4    | 61.7  | 61.8  | 62.0  | 62.0   | 62.0  | 62.0  |
| >=4500  | 17.2                       | 45.6 | 51.5 | 55.5 | 58.9 | 59.3    | 61.3 | 62.0    | 62.4 | 62.1    | 62.5  | 62.6  | 62.8  | 62.8   | 62.8  | 62.8  |
| >=4000  | 18.1                       | 48.9 | 55.4 | 60.0 | 63.8 | 64.2    | 66.4 | 67.3    | 68.0 | 67.4    | 68.1  | 68.2  | 68.4  | 68.4   | 68.4  | 68.4  |
| >=3500  | 18.4                       | 50.2 | 57.1 | 61.9 | 65.7 | 66.1    | 68.4 | 69.5    | 70.2 | 69.6    | 70.4  | 70.5  | 70.7  | 70.7   | 70.7  | 70.7  |
| >=3000  | 19.1                       | 53.1 | 60.6 | 66.5 | 70.8 | 71.3    | 74.1 | 75.6    | 76.5 | 75.7    | 76.7  | 76.8  | 77.2  | 77.2   | 77.2  | 77.2  |
| >=2500  | 19.4                       | 54.6 | 62.4 | 68.5 | 73.1 | 73.7    | 76.6 | 78.2    | 79.4 | 78.4    | 79.6  | 79.7  | 80.0  | 80.0   | 80.0  | 80.0  |
| >=2000  | 20.0                       | 56.5 | 65.1 | 71.6 | 76.5 | 77.5    | 80.8 | 82.9    | 84.4 | 83.1    | 84.7  | 84.8  | 85.1  | 85.1   | 85.1  | 85.1  |
| >=1800  | 20.1                       | 56.7 | 65.3 | 71.8 | 76.7 | 77.7    | 81.0 | 83.1    | 84.6 | 83.3    | 84.9  | 85.0  | 85.3  | 85.3   | 85.3  | 85.3  |
| >=1500  | 20.4                       | 58.1 | 67.0 | 73.7 | 79.0 | 80.1    | 84.0 | 86.4    | 88.2 | 86.6    | 88.5  | 88.6  | 88.9  | 88.9   | 88.9  | 88.9  |
| >=1200  | 20.7                       | 58.6 | 67.6 | 74.4 | 79.7 | 80.8    | 84.8 | 87.3    | 89.1 | 87.5    | 89.4  | 89.5  | 89.9  | 89.9   | 89.9  | 89.9  |
| >=1000  | 21.2                       | 59.9 | 69.4 | 76.5 | 82.5 | 83.7    | 88.1 | 91.0    | 93.2 | 91.2    | 93.8  | 93.9  | 94.2  | 94.2   | 94.2  | 94.2  |
| >=900   | 21.2                       | 60.0 | 69.6 | 76.8 | 82.9 | 84.1    | 88.5 | 91.4    | 93.6 | 91.6    | 94.2  | 94.3  | 94.6  | 94.6   | 94.6  | 94.6  |
| >=800   | 21.3                       | 60.6 | 70.4 | 77.9 | 84.1 | 85.5    | 90.2 | 93.5    | 96.1 | 93.8    | 96.7  | 96.8  | 97.3  | 97.5   | 97.5  | 97.5  |
| >=700   | 21.3                       | 60.6 | 70.4 | 77.9 | 84.1 | 85.5    | 90.4 | 93.6    | 96.2 | 93.9    | 96.8  | 96.9  | 97.5  | 97.7   | 97.7  | 97.7  |
| >=600   | 21.3                       | 60.6 | 70.6 | 78.1 | 84.4 | 85.9    | 90.8 | 94.2    | 96.7 | 94.4    | 97.3  | 97.4  | 98.3  | 98.5   | 98.5  | 98.5  |
| >=500   | 21.3                       | 60.6 | 70.6 | 78.2 | 84.6 | 86.2    | 91.1 | 94.5    | 97.2 | 94.8    | 97.8  | 98.0  | 99.0  | 99.0   | 99.0  | 99.0  |
| >=400   | 21.3                       | 60.6 | 70.6 | 78.2 | 84.6 | 86.2    | 91.2 | 94.7    | 97.5 | 95.0    | 98.3  | 98.4  | 99.3  | 99.5   | 99.5  | 99.5  |
| >=300   | 21.3                       | 60.6 | 70.6 | 78.2 | 84.6 | 86.2    | 91.2 | 94.7    | 97.6 | 95.0    | 98.5  | 98.6  | 99.5  | 99.7   | 99.7  | 99.7  |
| >=200   | 21.3                       | 60.6 | 70.6 | 78.3 | 84.7 | 86.3    | 91.4 | 94.9    | 98.0 | 95.3    | 98.8  | 98.9  | 99.8  | 100.0  | 100.0 | 100.0 |
| >=100   | 21.3                       | 60.6 | 70.6 | 78.3 | 84.7 | 86.3    | 91.4 | 94.9    | 98.0 | 95.3    | 98.8  | 98.9  | 99.8  | 100.0  | 100.0 | 100.0 |
| >= 0    | 21.3                       | 60.6 | 70.6 | 78.3 | 84.7 | 86.3    | 91.4 | 94.9    | 98.0 | 95.3    | 98.8  | 98.9  | 99.8  | 100.0  | 100.0 | 100.0 |

TOTAL NO. OF OBS : 976

# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0  |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|------|
| UNLIMIT | 16.2 | 29.0 | 30.5 | 31.3 | 31.8 | 31.8 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0  | 32.0  | 32.0  | 32.0   | 32.0  | 32.0 |
| >=20000 | 18.3 | 34.4 | 36.2 | 37.2 | 37.7 | 37.7 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9  | 37.9  | 37.9  | 37.9   | 37.9  | 37.9 |
| >=18000 | 18.4 | 34.5 | 36.3 | 37.3 | 37.8 | 37.8 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1  | 38.1  | 38.1  | 38.1   | 38.1  | 38.1 |
| >=16000 | 18.8 | 34.9 | 36.7 | 37.7 | 38.3 | 38.3 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5  | 38.5  | 38.5  | 38.5   | 38.5  | 38.5 |
| >=14000 | 19.3 | 35.9 | 37.8 | 39.0 | 39.5 | 39.5 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7  | 39.7  | 39.7  | 39.7   | 39.7  | 39.7 |
| >=12000 | 20.3 | 39.1 | 41.4 | 42.8 | 43.4 | 43.4 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6  | 43.6  | 43.6  | 43.6   | 43.6  | 43.6 |
| >=10000 | 22.4 | 44.6 | 47.3 | 49.0 | 49.9 | 49.9 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3  | 50.3  | 50.3  | 50.3   | 50.3  | 50.3 |
| >=9000  | 22.8 | 45.3 | 48.1 | 49.9 | 50.9 | 50.9 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2  | 51.2  | 51.2  | 51.2   | 51.2  | 51.2 |
| >=8000  | 24.5 | 49.6 | 53.4 | 55.7 | 56.9 | 56.9 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3  | 57.3  | 57.3  | 57.3   | 57.3  | 57.3 |
| >=7000  | 25.7 | 51.8 | 55.9 | 58.4 | 59.6 | 59.7 | 60.0 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2  | 60.2  | 60.2  | 60.2   | 60.2  | 60.2 |
| >=6000  | 26.1 | 52.3 | 56.5 | 59.2 | 60.4 | 60.5 | 60.8 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1  | 61.1  | 61.1  | 61.1   | 61.1  | 61.1 |
| >=5000  | 27.0 | 54.7 | 58.9 | 61.8 | 63.1 | 63.2 | 63.7 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1  | 64.1  | 64.1  | 64.1   | 64.1  | 64.1 |
| >=4500  | 27.2 | 55.6 | 59.9 | 62.9 | 64.1 | 64.2 | 64.7 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1  | 65.1  | 65.1  | 65.1   | 65.1  | 65.1 |
| >=4000  | 28.7 | 59.8 | 64.7 | 68.4 | 69.8 | 70.3 | 70.9 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3  | 71.3  | 71.3  | 71.3   | 71.3  | 71.3 |
| >=3500  | 29.4 | 61.0 | 66.1 | 69.9 | 71.4 | 71.8 | 72.5 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9  | 72.9  | 72.9  | 72.9   | 72.9  | 72.9 |
| >=3000  | 30.4 | 64.0 | 69.8 | 74.2 | 75.7 | 76.1 | 77.4 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2  | 78.2  | 78.2  | 78.2   | 78.2  | 78.2 |
| >=2500  | 31.5 | 66.5 | 72.7 | 77.3 | 79.1 | 79.5 | 80.9 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6  | 81.6  | 81.6  | 81.6   | 81.6  | 81.6 |
| >=2000  | 32.1 | 68.8 | 75.6 | 80.8 | 83.0 | 83.4 | 85.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1  | 86.1  | 86.1  | 86.1   | 86.1  | 86.1 |
| >=1800  | 32.1 | 68.8 | 75.6 | 80.8 | 83.0 | 83.4 | 85.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1  | 86.1  | 86.1  | 86.1   | 86.1  | 86.1 |
| >=1500  | 32.6 | 70.7 | 77.5 | 83.4 | 86.1 | 86.6 | 88.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6  | 89.6  | 89.6  | 89.6   | 89.6  | 89.6 |
| >=1200  | 32.7 | 71.0 | 77.8 | 83.7 | 86.5 | 87.1 | 89.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2  | 90.2  | 90.2  | 90.2   | 90.2  | 90.2 |
| >=1000  | 33.0 | 72.1 | 79.3 | 85.6 | 88.8 | 89.8 | 92.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4  | 93.4  | 93.4  | 93.4   | 93.4  | 93.4 |
| >=900   | 33.0 | 72.1 | 79.3 | 85.6 | 89.0 | 90.1 | 92.2 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6  | 93.6  | 93.6  | 93.6   | 93.6  | 93.6 |
| >=800   | 33.0 | 72.1 | 79.5 | 86.8 | 90.2 | 91.2 | 93.5 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1  | 95.1  | 95.1  | 95.1   | 95.1  | 95.1 |
| >=700   | 33.0 | 72.2 | 79.7 | 87.0 | 90.5 | 91.6 | 94.1 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6  | 95.6  | 95.6  | 95.6   | 95.6  | 95.6 |
| >=600   | 33.1 | 72.3 | 79.8 | 87.1 | 90.7 | 91.8 | 94.4 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9  | 95.9  | 95.9  | 95.9   | 95.9  | 95.9 |
| >=500   | 33.1 | 72.3 | 79.9 | 87.4 | 91.2 | 92.3 | 95.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8  | 96.8  | 96.8  | 96.8   | 96.8  | 96.8 |
| >=400   | 33.1 | 72.3 | 79.9 | 87.4 | 91.3 | 92.4 | 95.3 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1  | 97.1  | 97.1  | 97.1   | 97.1  | 97.1 |
| >=300   | 33.1 | 72.3 | 79.9 | 87.4 | 91.3 | 92.4 | 95.3 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1  | 97.1  | 97.1  | 97.1   | 97.1  | 97.1 |
| >=200   | 33.1 | 72.3 | 79.9 | 87.4 | 91.3 | 92.4 | 95.3 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1  | 97.1  | 97.1  | 97.1   | 97.1  | 97.1 |
| >=100   | 33.1 | 72.3 | 79.9 | 87.4 | 91.3 | 92.4 | 95.3 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1  | 97.1  | 97.1  | 97.1   | 97.1  | 97.1 |
| >=0     | 33.1 | 72.3 | 79.9 | 87.4 | 91.3 | 92.4 | 95.3 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1  | 97.1  | 97.1  | 97.1   | 97.1  | 97.1 |

TOTAL NO. OF OBS : 975

2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : SEP  
HOUR : 1800 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |       |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0  |
| UNLIMIT | 13.1                       | 25.8 | 27.0 | 28.0 | 28.6 | 28.6 | 28.6 | 28.6 | 28.6 | 28.6 | 28.6 | 28.6 | 28.6  | 28.6  | 28.6  | 28.6   | 28.6  | 28.6 |
| >=20000 | 13.9                       | 29.2 | 30.7 | 32.0 | 32.7 | 32.9 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0  | 33.0  | 33.0  | 33.0   | 33.0  | 33.0 |
| >=18000 | 14.0                       | 29.6 | 31.1 | 32.5 | 33.2 | 33.4 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5  | 33.5  | 33.5  | 33.5   | 33.5  | 33.5 |
| >=16000 | 14.1                       | 29.7 | 31.2 | 32.6 | 33.3 | 33.5 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6  | 33.6  | 33.6  | 33.6   | 33.6  | 33.6 |
| >=14000 | 14.4                       | 30.3 | 31.9 | 33.4 | 34.1 | 34.4 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5  | 34.5  | 34.5  | 34.5   | 34.5  | 34.5 |
| >=12000 | 15.9                       | 33.4 | 35.0 | 36.7 | 37.5 | 37.8 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0  | 38.0  | 38.0  | 38.0   | 38.0  | 38.0 |
| >=10000 | 18.3                       | 38.8 | 41.5 | 43.5 | 44.4 | 44.8 | 45.1 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2  | 45.2  | 45.2  | 45.2   | 45.2  | 45.2 |
| >=9000  | 18.7                       | 40.0 | 43.0 | 45.0 | 45.9 | 46.4 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8  | 46.8  | 46.8  | 46.8   | 46.8  | 46.8 |
| >=8000  | 20.8                       | 44.7 | 48.3 | 50.9 | 52.0 | 52.4 | 52.7 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0  | 53.0  | 53.0  | 53.0   | 53.0  | 53.0 |
| >=7000  | 21.7                       | 47.1 | 50.8 | 53.3 | 54.8 | 55.3 | 55.7 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0  | 56.0  | 56.0  | 56.0   | 56.0  | 56.0 |
| >=6000  | 22.0                       | 47.9 | 51.6 | 54.2 | 55.6 | 56.1 | 56.5 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8  | 56.8  | 56.8  | 56.8   | 56.8  | 56.8 |
| >=5000  | 23.1                       | 50.3 | 54.6 | 57.5 | 58.9 | 59.4 | 59.9 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3  | 60.3  | 60.3  | 60.3   | 60.3  | 60.3 |
| >=4500  | 23.7                       | 51.1 | 55.4 | 58.4 | 59.8 | 60.3 | 60.8 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3  | 61.3  | 61.3  | 61.3   | 61.3  | 61.3 |
| >=4000  | 25.5                       | 55.3 | 60.1 | 63.6 | 65.5 | 66.2 | 66.7 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1  | 67.1  | 67.1  | 67.1   | 67.1  | 67.1 |
| >=3500  | 26.5                       | 57.3 | 62.4 | 66.4 | 68.3 | 69.1 | 69.6 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0  | 70.0  | 70.0  | 70.0   | 70.0  | 70.0 |
| >=3000  | 27.2                       | 60.5 | 66.4 | 71.4 | 73.7 | 74.5 | 75.3 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8  | 75.8  | 75.8  | 75.8   | 75.8  | 75.8 |
| >=2500  | 28.1                       | 62.9 | 69.7 | 74.9 | 77.2 | 78.0 | 78.8 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4  | 79.4  | 79.4  | 79.4   | 79.4  | 79.4 |
| >=2000  | 28.7                       | 65.5 | 72.6 | 78.3 | 80.7 | 81.6 | 82.7 | 83.2 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6  | 83.6  | 83.6  | 83.6   | 83.6  | 83.6 |
| >=1800  | 28.8                       | 65.6 | 72.7 | 78.4 | 80.8 | 81.7 | 82.8 | 83.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7  | 83.7  | 83.7  | 83.7   | 83.7  | 83.7 |
| >=1500  | 29.2                       | 66.9 | 74.1 | 80.4 | 83.4 | 84.3 | 85.6 | 86.2 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6  | 86.6  | 86.6  | 86.6   | 86.6  | 86.6 |
| >=1200  | 29.4                       | 67.5 | 74.9 | 81.2 | 84.2 | 85.1 | 86.5 | 87.2 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6  | 87.6  | 87.6  | 87.6   | 87.6  | 87.6 |
| >=1000  | 29.6                       | 68.9 | 76.7 | 83.7 | 87.7 | 88.6 | 90.2 | 91.1 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5  | 91.5  | 91.5  | 91.5   | 91.5  | 91.5 |
| >=900   | 29.6                       | 68.9 | 76.7 | 83.7 | 87.7 | 88.6 | 90.2 | 91.1 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5  | 91.5  | 91.5  | 91.5   | 91.5  | 91.5 |
| >=800   | 29.8                       | 69.3 | 77.4 | 84.6 | 88.8 | 89.9 | 92.2 | 93.5 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0  | 94.0  | 94.0  | 94.0   | 94.0  | 94.0 |
| >=700   | 29.8                       | 69.3 | 77.4 | 84.6 | 88.9 | 90.0 | 92.4 | 93.7 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2  | 94.2  | 94.2  | 94.2   | 94.2  | 94.2 |
| >=600   | 29.8                       | 69.4 | 77.7 | 85.0 | 89.6 | 90.8 | 93.3 | 94.7 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2  | 95.2  | 95.2  | 95.2   | 95.2  | 95.2 |
| >=500   | 29.8                       | 69.7 | 78.0 | 85.4 | 90.1 | 91.4 | 94.0 | 95.4 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9  | 95.9  | 95.9  | 95.9   | 95.9  | 95.9 |
| >=400   | 29.8                       | 69.7 | 78.0 | 85.4 | 90.1 | 91.4 | 94.0 | 95.4 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9  | 95.9  | 95.9  | 95.9   | 95.9  | 95.9 |
| >=300   | 29.8                       | 69.8 | 78.1 | 85.6 | 90.3 | 91.6 | 94.5 | 95.8 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3  | 96.3  | 96.3  | 96.3   | 96.3  | 96.3 |
| >=200   | 29.8                       | 69.8 | 78.1 | 85.6 | 90.3 | 91.6 | 94.5 | 95.8 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4  | 96.4  | 96.4  | 96.4   | 96.4  | 96.4 |
| >=100   | 29.8                       | 69.8 | 78.1 | 85.6 | 90.3 | 91.6 | 94.5 | 95.8 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5  | 96.5  | 96.5  | 96.5   | 96.5  | 96.5 |
| >=0     | 29.8                       | 69.8 | 78.1 | 85.6 | 90.3 | 91.6 | 94.5 | 95.8 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5  | 96.5  | 96.5  | 96.5   | 96.5  | 96.5 |

TOTAL NO. OF OBS : 973

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : 2100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |               |
|---------|----------------------------|------|------|------|------|------|------|------|------|---------------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | >=1  | 1/4           |
| UNLIMIT | 15.2                       | 29.0 | 30.0 | 30.7 | 31.3 | 31.3 | 31.3 | 31.3 | 31.4 | >=1           |
| >=20000 | 15.6                       | 31.4 | 32.6 | 33.3 | 34.0 | 34.0 | 34.0 | 34.0 | 34.1 | >=3/4         |
| >=18000 | 15.6                       | 31.4 | 32.6 | 33.3 | 34.0 | 34.0 | 34.0 | 34.0 | 34.1 | >=5/8         |
| >=16000 | 15.6                       | 31.4 | 32.6 | 33.3 | 34.0 | 34.0 | 34.0 | 34.0 | 34.1 | >=1/2         |
| >=14000 | 15.9                       | 32.0 | 33.2 | 33.9 | 34.6 | 34.6 | 34.6 | 34.6 | 34.7 | >=5/16        |
| >=12000 | 17.7                       | 34.6 | 35.8 | 36.5 | 37.2 | 37.2 | 37.2 | 37.2 | 37.4 | >=1/4         |
| >=10000 | 20.3                       | 39.4 | 41.0 | 41.9 | 42.6 | 42.6 | 42.6 | 42.6 | 42.9 | >=1/8         |
| >=9000  | 20.9                       | 40.7 | 42.4 | 43.6 | 44.3 | 44.3 | 44.3 | 44.3 | 44.6 | >=1/16        |
| >=8000  | 24.7                       | 47.7 | 49.6 | 51.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.3 | >=1/32        |
| >=7000  | 26.3                       | 50.2 | 52.2 | 53.8 | 54.9 | 55.0 | 55.1 | 55.1 | 55.2 | >=1/64        |
| >=6000  | 26.6                       | 50.7 | 52.7 | 54.3 | 55.4 | 55.5 | 55.6 | 55.6 | 55.7 | >=1/128       |
| >=5000  | 27.2                       | 51.7 | 53.9 | 55.9 | 57.2 | 57.4 | 57.5 | 57.5 | 57.6 | >=1/256       |
| >=4500  | 27.6                       | 52.3 | 54.5 | 56.5 | 57.8 | 58.0 | 58.1 | 58.1 | 58.2 | >=1/512       |
| >=4000  | 30.0                       | 56.8 | 59.6 | 62.0 | 63.5 | 63.7 | 64.0 | 64.0 | 64.1 | >=1/1024      |
| >=3500  | 30.8                       | 58.8 | 61.7 | 64.2 | 65.7 | 65.9 | 66.2 | 66.2 | 66.4 | >=1/2048      |
| >=3000  | 33.1                       | 65.0 | 68.4 | 71.5 | 73.4 | 73.8 | 74.1 | 74.1 | 74.3 | >=1/4096      |
| >=2500  | 34.5                       | 67.8 | 71.6 | 75.0 | 77.0 | 77.6 | 78.0 | 78.0 | 78.3 | >=1/8192      |
| >=2000  | 36.4                       | 71.5 | 75.8 | 79.4 | 81.6 | 82.7 | 83.5 | 83.5 | 83.9 | >=1/16384     |
| >=1800  | 36.4                       | 71.5 | 75.8 | 79.4 | 81.6 | 82.7 | 83.5 | 83.5 | 83.9 | >=1/32768     |
| >=1500  | 37.9                       | 74.1 | 78.5 | 82.7 | 85.5 | 87.1 | 87.8 | 87.8 | 88.3 | >=1/65536     |
| >=1200  | 38.0                       | 74.7 | 79.1 | 83.4 | 86.2 | 87.8 | 88.6 | 88.6 | 89.3 | >=1/131072    |
| >=1000  | 38.3                       | 76.6 | 81.3 | 86.4 | 89.8 | 90.2 | 92.0 | 92.8 | 93.7 | >=1/262144    |
| >=900   | 38.3                       | 76.7 | 81.4 | 86.6 | 90.6 | 91.0 | 92.8 | 93.6 | 94.7 | >=1/524288    |
| >=800   | 38.6                       | 77.2 | 82.2 | 87.7 | 91.9 | 92.3 | 94.5 | 95.3 | 96.6 | >=1/1048576   |
| >=700   | 38.6                       | 77.3 | 82.3 | 87.8 | 92.1 | 92.5 | 94.8 | 95.6 | 96.9 | >=1/2097152   |
| >=600   | 38.7                       | 77.4 | 82.5 | 88.2 | 92.7 | 93.1 | 95.4 | 96.3 | 97.6 | >=1/4194304   |
| >=500   | 38.7                       | 77.5 | 82.6 | 88.5 | 93.4 | 93.8 | 96.1 | 97.0 | 98.3 | >=1/8388608   |
| >=400   | 38.7                       | 77.5 | 82.7 | 88.6 | 93.5 | 93.9 | 96.3 | 97.2 | 98.5 | >=1/16777216  |
| >=300   | 38.7                       | 77.5 | 82.7 | 88.7 | 93.6 | 94.0 | 96.5 | 97.4 | 98.7 | >=1/33554432  |
| >=200   | 38.7                       | 77.5 | 82.7 | 88.7 | 93.6 | 94.0 | 96.5 | 97.4 | 98.7 | >=1/67108864  |
| >=100   | 38.7                       | 77.5 | 82.7 | 88.7 | 93.6 | 94.0 | 96.5 | 97.4 | 98.7 | >=1/134217728 |
| >=0     | 38.7                       | 77.5 | 82.7 | 88.7 | 93.6 | 94.0 | 96.5 | 97.4 | 98.7 | >=1/268435456 |

TOTAL NO. OF OBS : 991

## 2 - CEILING VS VISIBILITY

643323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : SEP  
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=1/4 |
| UNLIMIT | 12.0                       | 23.8 | 25.5 | 26.9 | 27.7 | 27.8    | 28.2 | 28.3    | 28.4 | 28.5  |
| >=20000 | 12.7                       | 26.6 | 28.6 | 30.2 | 31.2 | 31.3    | 31.7 | 31.9    | 31.9 | 32.0  |
| >=18000 | 12.8                       | 26.7 | 28.7 | 30.3 | 31.3 | 31.4    | 31.9 | 32.0    | 32.0 | 32.1  |
| >=16000 | 12.8                       | 26.8 | 28.8 | 30.4 | 31.4 | 31.5    | 32.0 | 32.1    | 32.1 | 32.3  |
| >=14000 | 13.1                       | 27.4 | 29.5 | 31.1 | 32.2 | 32.3    | 32.8 | 32.9    | 33.1 | 33.2  |
| >=12000 | 14.3                       | 29.9 | 32.2 | 34.0 | 35.2 | 35.4    | 35.9 | 36.1    | 36.1 | 36.3  |
| >=10000 | 16.2                       | 34.5 | 37.3 | 39.5 | 40.9 | 41.2    | 41.9 | 42.2    | 42.2 | 42.5  |
| >= 9000 | 16.5                       | 35.3 | 38.2 | 40.5 | 41.9 | 42.2    | 43.0 | 43.2    | 43.3 | 43.6  |
| >= 8000 | 18.5                       | 39.8 | 43.2 | 46.0 | 47.8 | 48.1    | 49.1 | 49.4    | 49.5 | 49.8  |
| >= 7000 | 19.4                       | 41.8 | 45.4 | 48.4 | 50.4 | 50.7    | 51.8 | 52.1    | 52.2 | 52.5  |
| >= 6000 | 19.7                       | 42.4 | 46.1 | 49.2 | 51.2 | 51.6    | 52.6 | 53.0    | 53.1 | 53.4  |
| >= 5000 | 20.6                       | 44.5 | 48.4 | 51.8 | 53.9 | 54.3    | 55.5 | 55.9    | 56.0 | 56.3  |
| >= 4500 | 20.9                       | 45.3 | 49.3 | 52.7 | 54.8 | 55.2    | 56.4 | 56.8    | 56.9 | 57.2  |
| >= 4000 | 22.7                       | 49.3 | 54.0 | 57.7 | 60.1 | 60.6    | 61.9 | 62.5    | 62.5 | 63.0  |
| >= 3500 | 23.3                       | 51.0 | 55.8 | 59.7 | 62.2 | 62.7    | 64.2 | 64.7    | 64.8 | 65.3  |
| >= 3000 | 24.8                       | 55.6 | 61.1 | 66.0 | 68.9 | 69.5    | 71.4 | 72.2    | 72.3 | 72.9  |
| >= 2500 | 25.8                       | 58.0 | 63.8 | 69.0 | 72.1 | 72.8    | 74.9 | 75.8    | 75.9 | 76.7  |
| >= 2000 | 26.9                       | 60.9 | 67.3 | 73.0 | 76.6 | 77.4    | 79.8 | 81.1    | 81.2 | 82.2  |
| >= 1800 | 26.9                       | 61.0 | 67.4 | 73.1 | 76.7 | 77.5    | 79.9 | 81.2    | 81.3 | 82.3  |
| >= 1500 | 27.8                       | 63.2 | 69.9 | 76.3 | 80.5 | 81.5    | 84.3 | 85.8    | 86.0 | 87.2  |
| >= 1200 | 28.0                       | 63.7 | 70.4 | 77.0 | 81.2 | 82.2    | 85.1 | 86.7    | 86.9 | 88.1  |
| >= 1000 | 28.3                       | 65.4 | 72.6 | 79.8 | 84.8 | 86.0    | 89.3 | 91.0    | 91.2 | 92.8  |
| >= 900  | 28.3                       | 65.4 | 72.6 | 80.0 | 85.1 | 86.2    | 89.5 | 91.3    | 91.5 | 93.1  |
| >= 800  | 28.5                       | 66.1 | 73.5 | 81.2 | 86.6 | 87.8    | 91.5 | 93.5    | 93.8 | 95.7  |
| >= 700  | 28.5                       | 66.2 | 73.6 | 81.4 | 86.8 | 88.1    | 91.9 | 93.9    | 94.2 | 96.1  |
| >= 600  | 28.6                       | 66.3 | 73.8 | 81.7 | 87.4 | 88.6    | 92.5 | 94.5    | 94.8 | 96.8  |
| >= 500  | 28.6                       | 66.4 | 74.0 | 82.1 | 87.8 | 89.1    | 93.1 | 95.2    | 95.6 | 97.7  |
| >= 400  | 28.6                       | 66.4 | 74.0 | 82.1 | 87.9 | 89.2    | 93.2 | 95.4    | 95.7 | 97.9  |
| >= 300  | 28.6                       | 66.5 | 74.0 | 82.1 | 88.0 | 89.3    | 93.4 | 95.6    | 95.9 | 98.1  |
| >= 200  | 28.6                       | 66.5 | 74.0 | 82.2 | 88.0 | 89.3    | 93.5 | 95.6    | 96.0 | 98.2  |
| >= 100  | 28.6                       | 66.5 | 74.0 | 82.2 | 88.0 | 89.3    | 93.5 | 95.6    | 96.0 | 98.2  |
| >= 0    | 28.6                       | 66.5 | 74.0 | 82.2 | 88.0 | 89.3    | 93.5 | 95.6    | 96.0 | 98.2  |

|        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| >=1/2  | 28.6 | 32.1 | 32.3 | 32.4 | 33.3 | 36.4 | 42.6 | 43.7 | 49.9 | 50.0 | 52.7 | 53.5 | 56.6 | 65.6 | 77.1 | 82.7 | 82.9 | 87.9 | 88.8 | 93.7 | 94.0 | 96.8 | 97.3 | 98.1 | 99.0 | 99.3 | 99.6 | 99.7  | 99.8  | 99.9  | 100.0 |
| >=5/8  | 28.6 | 32.1 | 32.3 | 32.4 | 33.2 | 36.4 | 42.6 | 43.7 | 49.9 | 50.0 | 52.7 | 53.5 | 56.6 | 65.6 | 77.1 | 82.7 | 82.9 | 87.9 | 88.8 | 93.7 | 94.0 | 96.8 | 97.3 | 98.1 | 99.0 | 99.3 | 99.6 | 99.7  | 99.8  | 99.9  | 100.0 |
| >=5/16 | 28.6 | 32.1 | 32.3 | 32.4 | 33.3 | 36.4 | 42.6 | 43.7 | 49.9 | 50.0 | 52.7 | 53.5 | 56.6 | 65.6 | 77.1 | 82.7 | 82.9 | 87.9 | 88.8 | 93.7 | 94.0 | 96.8 | 97.3 | 98.1 | 99.0 | 99.3 | 99.6 | 99.7  | 99.8  | 99.9  | 100.0 |
| >=1/4  | 28.6 | 32.2 | 32.3 | 32.4 | 33.3 | 36.5 | 42.6 | 43.8 | 50.0 | 52.7 | 53.6 | 56.6 | 65.6 | 77.1 | 82.8 | 82.9 | 87.9 | 88.8 | 93.8 | 94.1 | 96.9 | 97.4 | 98.2 | 99.2 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=0    | 28.6 | 32.2 | 32.3 | 32.4 | 33.3 | 36.5 | 42.6 | 43.8 | 50.0 | 52.7 | 53.6 | 56.6 | 65.6 | 77.1 | 82.8 | 82.9 | 87.9 | 88.8 | 93.8 | 94.1 | 96.9 | 97.4 | 98.2 | 99.2 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 7885



# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 0000 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | 1   | 2    | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|-----|------|---|---|---|---|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| N              | 1.4 |      |   |   |   |   | 9.4  | 10.9  | 4.6   | .9    | .2    | .1    | .0    | .0    | .0   | 32.1       | 11.6                  |
| NNE            | .8  | 1.7  |   |   |   |   | 3.1  | 6.7   | 2.0   | .9    | .3    | .0    | .0    | .0    | .0   | 15.6       | 12.6                  |
| NE             | .3  | 1.2  |   |   |   |   | 2.8  | 2.8   | .9    | .3    | .0    | .0    | .0    | .0    | .0   | 8.3        | 11.0                  |
| ENE            | .1  | .8   |   |   |   |   | 1.3  | .6    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 2.8        | 8.7                   |
| E              | .9  | .8   |   |   |   |   | .7   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.6        | 5.8                   |
| ESE            | .3  | .2   |   |   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .5         | 3.0                   |
| SE             | .2  | .2   |   |   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4         | 3.5                   |
| SSE            | .6  | .5   |   |   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0        | 3.0                   |
| S              | .7  | 1.0  |   |   |   |   | 1.0  | .2    | .3    | .2    | .0    | .0    | .0    | .0    | .0   | 3.4        | 8.4                   |
| SSW            | .5  | .9   |   |   |   |   | 1.0  | .8    | .4    | .0    | .0    | .0    | .0    | .0    | .0   | 3.5        | 9.0                   |
| SW             | .1  | .5   |   |   |   |   | 1.1  | .7    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 2.6        | 9.9                   |
| WSW            | .1  | .3   |   |   |   |   | .6   | .7    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 1.8        | 11.2                  |
| W              | .5  | .3   |   |   |   |   | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0        | 5.3                   |
| WNW            | .6  | .3   |   |   |   |   | .5   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.3        | 4.8                   |
| NW             | .8  | 2.5  |   |   |   |   | .9   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.2        | 5.3                   |
| NNW            | 1.3 | 4.7  |   |   |   |   | 3.2  | 2.3   | .4    | .1    | .0    | .0    | .0    | .0    | .0   | 12.0       | 7.8                   |
| VAR            | .0  | .0   |   |   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0         | .0                    |
| CLM            | .0  | .0   |   |   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.9        | .0                    |
| ALL            | 8.9 | 20.2 |   |   |   |   | 25.8 | 26.1  | 8.9   | 2.6   | .5    | .1    | .0    | .0    | .0   | 100.0      | 9.4                   |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 0300 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |            |                       |
| N              | 1.2           | 6.5   | 9.9  | 12.2  | 5.9   | 1.6   | .2    | .1    | .0    | .0    | .0   | 37.6       | 11.7                  |
| NNE            | .3            | 1.4   | 3.3  | 7.6   | 2.8   | .8    | .4    | .0    | .0    | .0    | .0   | 16.5       | 13.4                  |
| NE             | .7            | .9    | 1.9  | 2.4   | .6    | .2    | .0    | .0    | .0    | .0    | .0   | 6.6        | 10.6                  |
| ENE            | .3            | .6    | .6   | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.9        | 7.5                   |
| E              | .4            | .1    | .3   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .9         | 5.9                   |
| ESE            | .5            | .1    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6         | 2.8                   |
| SE             | .1            | .1    | .0   | .0    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | .3         | 10.3                  |
| SSE            | .4            | .0    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .5         | 3.8                   |
| S              | .6            | .5    | .7   | .2    | .2    | .2    | .2    | .0    | .0    | .0    | .0   | 2.5        | 10.2                  |
| SSW            | .1            | .4    | .9   | .8    | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 2.5        | 10.0                  |
| SW             | .0            | .3    | 1.2  | .4    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 2.1        | 10.3                  |
| WSW            | .1            | .4    | .5   | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.3        | 8.2                   |
| W              | .4            | .1    | .1   | .2    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | .9         | 8.8                   |
| WNW            | .2            | .4    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7         | 4.6                   |
| NW             | 1.0           | 2.4   | 1.4  | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.9        | 5.4                   |
| NNW            | 1.3           | 5.9   | 5.0  | 2.8   | .9    | .1    | .0    | .0    | .0    | .0    | .0   | 16.1       | 8.3                   |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0         | .0                    |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.3        | .0                    |
| ALL            | 7.5           | 19.9  | 26.0 | 27.6  | 10.7  | 3.1   | .8    | .1    | .0    | .0    | .0   | 100.0      | 10.1                  |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 0600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1   | 2    | 3    | 4    | 5    | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN WIND SPEED |
|-------------|-----|------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------------|
| N           | 2.2 | 5.5  | 12.6 | 12.2 | 4.9  | 2.8 | 2    | .2    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | 40.0  | 11.6            |
| NNE         | .8  | 2.8  | 3.8  | 7.1  | 3.3  | 1.1 | .3   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 19.4  | 12.8            |
| NE          | .3  | .9   | 1.4  | 2.5  | .9   | .3  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.3   | 12.1            |
| ENE         | .5  | .3   | .6   | .6   | .1   | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.1   | 8.8             |
| E           | .5  | .6   | .6   | .6   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0   | 4.0             |
| ESE         | .2  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .2    | 2.5             |
| SE          | .2  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    | 5.7             |
| SSE         | .4  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4    | 2.0             |
| S           | .1  | .5   | .3   | .2   | .5   | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.6   | 11.8            |
| SSW         | .3  | .6   | .9   | .8   | .1   | .2  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.8   | 9.9             |
| SW          | .1  | .1   | .6   | .5   | .3   | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.6   | 12.7            |
| WSW         | .0  | .1   | .4   | .6   | .2   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.2   | 12.5            |
| W           | .2  | .3   | .1   | .1   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 8.5             |
| WNW         | .3  | .3   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6    | 4.0             |
| NW          | .5  | 1.6  | .2   | .2   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.5   | 5.3             |
| NNW         | 1.3 | 5.6  | 5.4  | 2.8  | .6   | .2  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 15.9  | 8.1             |
| VAR         | .0  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0              |
| CLM         | .0  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.4   | .0              |
| ALL         | 7.7 | 19.1 | 25.6 | 27.5 | 10.9 | 5.0 | .6   | .1    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 100.0 | 10.5            |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
|             | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |         |                 |
| N           | 2.2           | 6.6   | 11.0 | 10.5  | 4.7   | 2.0   | .4    | .0    | .0    | .0    | .0   | 37.5    | 11.3            |
| NNE         | 2.2           | 4.6   | 6.1  | 6.5   | 4.6   | .8    | .1    | .1    | .0    | .0    | .0   | 24.9    | 11.2            |
| NE          | 1.7           | 2.3   | 3.7  | 3.7   | 1.2   | .3    | .0    | .0    | .0    | .0    | .0   | 12.9    | 9.9             |
| NNE         | 1.0           | 1.0   | .9   | .8    | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 4.0     | 7.8             |
| E           | .9            | .5    | .1   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.7     | 4.1             |
| ESE         | .3            | .1    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4      | 2.5             |
| SE          | .2            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .2      | 2.0             |
| SSE         | .5            | .1    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6      | 2.2             |
| S           | .2            | .4    | .2   | .4    | .3    | .1    | .0    | .0    | .0    | .0    | .0   | 1.5     | 11.5            |
| SSW         | .0            | .3    | .9   | 1.4   | .3    | .4    | .0    | .0    | .0    | .0    | .0   | 3.3     | 12.9            |
| SW          | .1            | .2    | .3   | .5    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1     | 9.9             |
| WSW         | .0            | .4    | .1   | .3    | .3    | .1    | .0    | .0    | .0    | .0    | .0   | 1.1     | 12.3            |
| W           | .0            | .0    | .1   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .5      | 13.2            |
| WNW         | .1            | .1    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .2      | 4.5             |
| NW          | .2            | .5    | .4   | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.4     | 7.1             |
| NNW         | .7            | 1.2   | 2.2  | 1.3   | .9    | .0    | .0    | .0    | .0    | .0    | .0   | 6.4     | 9.9             |
| VAR         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0      | .0              |
| CLM         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.4     | .0              |
| ALL         | 10.2          | 18.2  | 25.9 | 26.2  | 12.9  | 3.6   | .5    | .1    | .0    | .0    | .0   | 100.0   | 10.4            |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

G43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |               |       |  |  | TOTAL<br>% | MEAN |  |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|---------------|-------|--|--|------------|------|--|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | WIND<br>SPEED | SPEED |  |  |            |      |  |
| N              | .7            | 2.4   | 5.2  | 6.6   | 3.1   | 1.1   | .3    | .0    | .0    | .0    | .0   | 19.4          | 12.5  |  |  |            |      |  |
| NNE            | 2.0           | 3.6   | 5.0  | 8.0   | 2.8   | .7    | .1    | .1    | .0    | .0    | .0   | 22.3          | 11.2  |  |  |            |      |  |
| NE             | 1.9           | 3.9   | 6.4  | 6.2   | .8    | .7    | .1    | .0    | .0    | .0    | .0   | 19.8          | 9.7   |  |  |            |      |  |
| ENE            | 1.2           | 2.4   | 2.4  | 2.0   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8.0           | 7.5   |  |  |            |      |  |
| E              | 2.7           | 3.3   | 2.2  | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 8.6           | 5.4   |  |  |            |      |  |
| ESE            | .7            | .9    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.7           | 3.7   |  |  |            |      |  |
| SE             | .2            | .7    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .9            | 4.6   |  |  |            |      |  |
| SSE            | .4            | .3    | .1   | .0    | .0    | .0    | .0    | .1    | .0    | .0    | .0   | .9            | 7.6   |  |  |            |      |  |
| S              | .8            | .3    | .8   | .8    | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 2.8           | 8.8   |  |  |            |      |  |
| SSW            | .1            | .5    | 1.3  | 2.4   | .6    | .3    | .0    | .0    | .0    | .0    | .0   | 5.1           | 12.6  |  |  |            |      |  |
| SW             | .0            | .4    | .9   | .7    | .5    | .0    | .0    | .0    | .0    | .0    | .0   | 2.5           | 11.5  |  |  |            |      |  |
| WSW            | .0            | .2    | .2   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .6            | 10.2  |  |  |            |      |  |
| W              | .1            | .1    | .3   | .1    | .0    | .0    | .1    | .0    | .0    | .0    | .0   | .7            | 11.1  |  |  |            |      |  |
| WNW            | .1            | .1    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .2            | 2.5   |  |  |            |      |  |
| NW             | .2            | .0    | .6   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8            | 7.3   |  |  |            |      |  |
| NNW            | .1            | .5    | .8   | 1.0   | .3    | .2    | .0    | .0    | .1    | .0    | .0   | 2.9           | 12.7  |  |  |            |      |  |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0            | .0    |  |  |            |      |  |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.8           | .0    |  |  |            |      |  |
| ALL            | 11.0          | 19.4  | 26.2 | 28.2  | 8.9   | 2.9   | .6    | .2    | .1    | .0    | .0   | 100.0         | 9.8   |  |  |            |      |  |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |       | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------|-----------------|
|             | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |         |                 |
| N           | 1.3           | 2.3  | 3.7  | 4.7   | 2.3   | 1.4   | .1    | .1    | .0    | .0    | .0   | 16.0  | 12.3    |                 |
| NNE         | 1.3           | 2.4  | 5.2  | 5.7   | 1.8   | .7    | .0    | .0    | .0    | .0    | .0   | 17.1  | 10.9    |                 |
| NE          | 1.5           | 3.1  | 4.5  | 4.3   | 1.7   | .4    | .2    | .0    | .0    | .0    | .0   | 15.7  | 10.2    |                 |
| ENE         | 1.5           | 1.9  | 3.2  | 2.3   | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 9.2   | 8.4     |                 |
| E           | 3.2           | 3.2  | 3.0  | 1.0   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 10.5  | 5.9     |                 |
| ESE         | .9            | .6   | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.9   | 4.2     |                 |
| SE          | .5            | .6   | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1   | 4.3     |                 |
| SSE         | .5            | .8   | .5   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   | 6.0     |                 |
| S           | .9            | 1.1  | 3.0  | 1.1   | .3    | .1    | .0    | .0    | .0    | .0    | .0   | 6.6   | 8.5     |                 |
| SSW         | .3            | .8   | 2.6  | 2.5   | .7    | .0    | .0    | .1    | .0    | .0    | .0   | 6.8   | 10.8    |                 |
| SW          | .5            | .6   | .9   | .8    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 2.9   | 9.3     |                 |
| WSW         | .2            | .3   | .4   | .4    | .4    | .1    | .1    | .0    | .0    | .0    | .0   | 1.8   | 12.3    |                 |
| W           | .1            | .3   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .5    | 5.8     |                 |
| WNW         | .3            | .1   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4    | 7.3     |                 |
| NW          | .3            | .0   | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4    | 6.0     |                 |
| NNW         | .2            | .9   | .7   | .6    | .3    | .1    | .0    | .0    | .0    | .0    | .0   | 2.7   | 9.8     |                 |
| VAR         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0      |                 |
| CLM         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0      |                 |
| ALL         | 13.5          | 19.8 | 28.2 | 23.8  | 7.9   | 2.8   | .4    | .2    | .0    | .0    | .0   | 100.0 | 9.2     |                 |

TOTAL NO. OF OBS : 1053

NOTES :  
 \* = PERCENT < .05

# 1 - MESSAGE - INFO

43553 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 1400 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) |      |       |       |       |       |       |       |       |     | TOTAL % | MEAN WIND SPEED |
|------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-----|---------|-----------------|
|      | 1-5           | 6-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 |         |                 |
| 0    | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 14.7    | 13.3            |
| 09   | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 11.3    | 13.1            |
| 18   | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 8.7     | 12.0            |
| 27   | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 10.8    | 10.2            |
| 36   | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 10.2    | 8.6             |
| 45   | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 3.1     | 7.8             |
| 54   | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 1.3     | 4.6             |
| 63   | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 2.6     | 5.9             |
| 72   | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 7.0     | 6.8             |
| 81   | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 9.2     | 8.8             |
| 90   | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 4.5     | 7.6             |
| 99   | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 2.5     | 10.7            |
| 108  | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 1.4     | 5.7             |
| 117  | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 1.2     | 4.5             |
| 126  | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 7       | 8.7             |
| 135  | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 4.6     | 8.4             |
| 144  | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 0       | 0               |
| 153  | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 6.2     | 0               |
| 162  | 0             | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 100.0   | 9.4             |

TOTAL NO. OF OBS : 1053

43553 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

# 1 - OFFICE WINDS

STATION : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1957-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 2100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) |      |       |       |       |       |       |       |       |      | TOTAL | MEAN |
|------|---------------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|
|      | 1-6           | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |      |
| N    | 1.0           | 3.5  | 4.6   | 5.8   | 7.3   | 1.0   | .3    | .0    | .0    | .0   | 20.6  | 12.1 |
| NNE  | .8            | 1.7  | 2.7   | 4.6   | 7.8   | 1.0   | .3    | .0    | .0    | .0   | 13.7  | 13.0 |
| NE   | 1.0           | 2.5  | 4.3   | 4.0   | .8    | .4    | .1    | .0    | .0    | .0   | 12.9  | 10.1 |
| NNE  | .4            | 1.6  | 7.2   | 3.0   | .1    | .1    | .0    | .0    | .0    | .0   | 9.2   | 9.2  |
| E    | 1.1           | 2.2  | 1.7   | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 5.2   | 5.6  |
| ESE  | .4            | .7   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 1.4   | 5.4  |
| SE   | .9            | .5   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 1.4   | 3.5  |
| SSE  | 1.1           | .8   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 2.1   | 3.9  |
| S    | 1.1           | 1.6  | 1.0   | .7    | .1    | .0    | .0    | .0    | .0    | .0   | 4.8   | 6.5  |
| SSW  | .6            | 1.2  | 2.3   | 1.5   | .4    | .1    | .0    | .0    | .0    | .0   | 6.1   | 9.4  |
| SW   | .1            | .6   | 1.0   | .5    | .0    | .0    | .0    | .0    | .0    | .0   | 2.2   | 8.3  |
| SSW  | .1            | .5   | .6    | .8    | .1    | .1    | .0    | .0    | .0    | .0   | 2.3   | 11.6 |
| W    | .3            | .5   | .1    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 1.0   | 6.5  |
| WNW  | .3            | .4   | .1    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0   | 6.2  |
| W    | .6            | 1.2  | .8    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 2.7   | 5.9  |
| WNW  | 1.1           | 2.4  | 2.1   | 1.0   | .4    | .1    | .0    | .0    | .0    | .0   | 7.0   | 7.4  |
| W    | .0            | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   |
| WSW  | .0            | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   |
| ALL  | 1.6           | 22.1 | 25.4  | 23.7  | 5.0   | 2.9   | .8    | .0    | .0    | .0   | 100.0 | 9.1  |

TOTAL NO. OF OBS : 1052

NOTES : PERCENT < .05



COUNTRY : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 COMPOSITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
DIRECTION VS SPEED  
(FROM HOURLY OBSERVATIONS)

|     | SPEED (KNOTS) |      |      |      |     |     |      |       |       |       |       |       |       |       |      |       | TOTAL | MEAN  |
|-----|---------------|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
|     | 1             | 2    | 3    | 4    | 5   | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     | WIND  | SPEED |
| N   | 1.3           | 4.1  | 7.4  | 8.5  | 4.1 | 1.5 | .2   | .0*   | .0*   | .0*   | .0    | .0    | .0    | .0    | .0   | 27.2  | 11.9  |       |
| NE  | 1.1           | 2.4  | 5.9  | 6.3  | 2.7 | .9  | .2   | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | 17.6  | 12.1  |       |
| E   | 1.0           | 2.0  | 3.9  | 3.5  | 1.0 | .4  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 11.4  | 10.4  |       |
| SE  | 1.7           | 1.2  | 1.1  | 1.8  | .2  | .0* | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.0   | 8.8   |       |
| S   | 1.4           | 1.6  | 1.1  | 1.7  | .0* | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.1   | 6.3   |       |
| SW  | .4            | .4   | .5   | 1.1  | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.2   | 5.2   |       |
| SSW | .3            | .3   | .0*  | .0*  | .0  | .0* | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 4.5   |       |
| S   | .7            | .9   | 1.2  | 1.5  | .0  | .0  | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.2   | 4.9   |       |
| SSW | .4            | .9   | 1.6  | 1.5  | .3  | 1   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.8   | 8.3   |       |
| SW  | .2            | .5   | 1.1  | .6   | .4  | 1   | .0   | .0    | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | 4.9   | 10.2  |       |
| S   | .1            | .4   | .7   | .5   | .2  | .0* | .0   | .0    | .0    | .0    | .0*   | .0    | .0    | .0    | .0   | 2.4   | 9.6   |       |
| SSW | .3            | .2   | 1    | 1    | .0* | .0  | .0   | .0    | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | 1.6   | 11.2  |       |
| SW  | .3            | .2   | 1    | .0*  | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 7.5   |       |
| NNW | .3            | .2   | 1    | 1    | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 4.6   |       |
| N   | .4            | 1.1  | 2.3  | 1    | .0  | .0  | .0   | .0    | .0    | .0    | .0*   | .0    | .0    | .0    | .0   | 2.2   | 5.8   |       |
| NNW | .6            | 2.8  | 2.6  | 1.6  | .5  | 1   | .0   | .0    | .0    | .0    | .0    | .0    | .0*   | .0    | .0   | 8.5   | 8.5   |       |
| N   | .0            | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0    | .0    |
| VAR | .0            | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0    | .0    |
| CLM | .0            | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.6   | .0    | .0    |
| ALL | 12.0          | 19.5 | 28.5 | 25.8 | 9.6 | 3.3 | .6   | .1    | .0*   | .0*   | .0    | .0    | .0*   | .0    | .0   | 100.0 | 9.7   | 9.7   |

TOTAL NO. OF QES : 8428

NOTES : PERCENT  $\times$  .05

## 2 - CEILING VS VISIBILITY

44323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 0000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=1/4 |
| >=20000 | 13.6                       | 29.3 | 31.0 | 32.2 | 33.8 | 33.9    | 34.9 | 35.1    | 35.4 | 35.5  |
| >=18000 | 14.0                       | 31.8 | 33.4 | 35.1 | 36.9 | 37.0    | 38.0 | 38.3    | 38.8 | 38.9  |
| >=16000 | 14.0                       | 31.8 | 33.4 | 35.1 | 36.9 | 37.0    | 38.0 | 38.3    | 38.8 | 38.9  |
| >=14000 | 14.3                       | 32.3 | 34.0 | 35.7 | 37.5 | 37.5    | 38.6 | 38.9    | 39.4 | 39.5  |
| >=12000 | 15.2                       | 34.0 | 35.7 | 37.5 | 39.3 | 39.4    | 40.7 | 40.7    | 41.2 | 41.3  |
| >=10000 | 18.1                       | 39.6 | 41.7 | 43.6 | 45.7 | 45.8    | 46.9 | 47.2    | 47.7 | 47.8  |
| >= 9000 | 18.4                       | 40.3 | 42.5 | 44.5 | 46.5 | 46.6    | 47.8 | 48.1    | 48.6 | 48.6  |
| >= 8000 | 20.9                       | 46.6 | 49.1 | 51.5 | 53.8 | 54.0    | 55.2 | 55.6    | 56.2 | 56.3  |
| >= 7000 | 21.6                       | 48.0 | 50.9 | 53.6 | 55.8 | 56.0    | 57.4 | 57.8    | 58.4 | 58.5  |
| >= 6000 | 22.2                       | 48.6 | 51.6 | 54.4 | 56.7 | 56.9    | 58.4 | 58.8    | 59.4 | 59.5  |
| >= 5000 | 23.2                       | 51.4 | 54.4 | 57.4 | 59.7 | 59.9    | 61.6 | 62.1    | 62.6 | 62.7  |
| >= 4500 | 23.7                       | 52.0 | 55.2 | 58.4 | 60.6 | 60.9    | 62.8 | 63.1    | 63.7 | 63.8  |
| >= 4000 | 25.5                       | 56.6 | 60.0 | 63.6 | 66.3 | 66.7    | 68.3 | 68.9    | 69.6 | 69.7  |
| >= 3500 | 26.8                       | 58.5 | 62.0 | 65.8 | 68.6 | 69.0    | 70.8 | 71.3    | 72.1 | 72.2  |
| >= 3000 | 28.6                       | 62.9 | 66.8 | 71.6 | 75.2 | 75.6    | 77.7 | 78.4    | 79.2 | 79.3  |
| >= 2500 | 29.9                       | 66.9 | 71.7 | 77.9 | 82.2 | 82.9    | 85.4 | 86.2    | 87.2 | 87.4  |
| >= 2000 | 29.9                       | 66.9 | 71.7 | 77.9 | 82.2 | 82.9    | 85.4 | 86.2    | 87.2 | 87.4  |
| >= 1800 | 30.3                       | 67.6 | 72.1 | 79.6 | 84.3 | 84.9    | 87.8 | 88.8    | 90.1 | 90.4  |
| >= 1600 | 30.4                       | 68.1 | 73.4 | 80.0 | 84.8 | 85.5    | 88.5 | 89.5    | 90.7 | 91.1  |
| >= 1400 | 30.6                       | 69.0 | 74.8 | 81.9 | 87.3 | 88.0    | 91.7 | 92.9    | 94.3 | 94.9  |
| >= 1200 | 30.6                       | 69.0 | 74.8 | 81.9 | 87.3 | 88.0    | 91.7 | 92.9    | 94.3 | 94.9  |
| >= 1000 | 30.9                       | 69.6 | 75.4 | 82.5 | 88.3 | 89.2    | 93.1 | 94.5    | 96.2 | 97.1  |
| >= 900  | 30.9                       | 69.6 | 75.4 | 82.5 | 88.3 | 89.2    | 93.1 | 94.5    | 96.2 | 97.1  |
| >= 800  | 30.9                       | 69.7 | 75.6 | 82.7 | 88.8 | 89.7    | 93.6 | 95.0    | 96.7 | 97.3  |
| >= 700  | 30.9                       | 69.9 | 75.8 | 83.0 | 89.4 | 90.3    | 94.4 | 95.8    | 97.7 | 98.0  |
| >= 600  | 30.9                       | 69.9 | 75.8 | 83.1 | 89.6 | 90.4    | 94.9 | 96.2    | 98.2 | 98.9  |
| >= 500  | 30.9                       | 69.9 | 75.8 | 83.1 | 89.6 | 90.4    | 94.9 | 96.2    | 98.2 | 98.9  |
| >= 400  | 30.9                       | 69.9 | 75.8 | 83.1 | 89.6 | 90.4    | 94.9 | 96.2    | 98.2 | 98.9  |
| >= 300  | 30.9                       | 69.9 | 75.8 | 83.1 | 89.6 | 90.4    | 94.9 | 96.2    | 98.2 | 98.9  |
| >= 200  | 30.9                       | 69.9 | 75.8 | 83.1 | 89.6 | 90.4    | 94.9 | 96.2    | 98.2 | 98.9  |
| >= 100  | 30.9                       | 69.9 | 75.8 | 83.1 | 89.6 | 90.4    | 94.9 | 96.2    | 98.2 | 98.9  |
| >= 0    | 30.9                       | 69.9 | 75.8 | 83.1 | 89.6 | 90.4    | 94.9 | 96.2    | 98.2 | 98.9  |

TOTAL NO. OF OBS : 1036

# C - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 0300 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |       |       |        |       |       |        |       |       |        |       |       |        |       |       |        |
|---------|----------------------------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|
|         | >=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 | >=1/8 | >=5/16 | >=1/4 | >=1/8 | >=5/16 | >=1/4 | >=1/8 | >=5/16 | >=1/4 | >=1/8 | >=5/16 | >=1/4 | >=1/8 | >=5/16 |
| UNLIMIT | 12.2                       | 27.2  | 30.4  | 33.3   | 34.3  | 34.9  | 36.4   | 36.8  | 36.8  | 36.8   | 37.0  | 37.0  | 37.0   | 37.0  | 37.0  | 37.0   |
| >=20000 | 12.5                       | 28.6  | 32.1  | 35.3   | 36.5  | 37.0  | 38.8   | 39.3  | 39.3  | 39.3   | 39.6  | 39.6  | 39.6   | 39.6  | 39.6  | 39.6   |
| >=18000 | 12.5                       | 28.7  | 32.2  | 35.4   | 36.5  | 37.1  | 38.9   | 39.4  | 39.4  | 39.4   | 39.7  | 39.7  | 39.7   | 39.7  | 39.7  | 39.7   |
| >=16000 | 12.5                       | 28.7  | 32.2  | 35.4   | 36.5  | 37.1  | 38.9   | 39.4  | 39.4  | 39.4   | 39.7  | 39.7  | 39.7   | 39.7  | 39.7  | 39.7   |
| >=14000 | 12.8                       | 29.4  | 32.9  | 36.1   | 37.2  | 37.8  | 39.6   | 40.2  | 40.2  | 40.2   | 40.5  | 40.5  | 40.5   | 40.5  | 40.5  | 40.5   |
| >=12000 | 13.1                       | 30.2  | 33.8  | 36.9   | 38.2  | 38.8  | 40.8   | 41.4  | 41.4  | 41.4   | 41.7  | 41.7  | 41.7   | 41.7  | 41.7  | 41.7   |
| >=10000 | 15.3                       | 34.3  | 38.2  | 41.9   | 43.4  | 44.0  | 46.0   | 46.6  | 46.6  | 46.6   | 46.9  | 46.9  | 46.9   | 46.9  | 46.9  | 46.9   |
| >=9000  | 15.8                       | 35.3  | 39.2  | 43.0   | 44.6  | 45.1  | 47.2   | 47.7  | 47.8  | 48.1   | 48.1  | 48.1  | 48.1   | 48.1  | 48.1  | 48.1   |
| >=8000  | 17.6                       | 39.9  | 43.9  | 48.6   | 50.6  | 51.2  | 53.6   | 54.2  | 54.3  | 54.6   | 54.6  | 54.6  | 54.6   | 54.6  | 54.6  | 54.6   |
| >=7000  | 18.1                       | 41.5  | 45.8  | 50.7   | 52.8  | 53.5  | 55.9   | 56.5  | 56.6  | 56.9   | 56.9  | 56.9  | 56.9   | 56.9  | 56.9  | 56.9   |
| >=6000  | 19.7                       | 42.3  | 46.7  | 51.6   | 53.8  | 54.5  | 56.9   | 57.5  | 57.6  | 57.9   | 57.9  | 57.9  | 57.9   | 57.9  | 57.9  | 57.9   |
| >=5000  | 19.8                       | 44.5  | 49.1  | 54.1   | 56.4  | 57.1  | 59.6   | 60.2  | 60.3  | 60.6   | 60.6  | 60.6  | 60.6   | 60.6  | 60.6  | 60.6   |
| >=4500  | 20.0                       | 44.7  | 49.5  | 54.6   | 56.9  | 57.6  | 60.1   | 60.7  | 60.8  | 61.0   | 61.0  | 61.0  | 61.0   | 61.0  | 61.0  | 61.0   |
| >=4000  | 21.1                       | 48.5  | 53.4  | 58.9   | 61.8  | 62.6  | 65.3   | 66.0  | 66.1  | 66.4   | 66.4  | 66.4  | 66.4   | 66.4  | 66.4  | 66.4   |
| >=3500  | 22.8                       | 51.3  | 56.4  | 62.1   | 65.0  | 65.9  | 68.6   | 69.2  | 69.3  | 69.7   | 69.7  | 69.7  | 69.7   | 69.7  | 69.7  | 69.7   |
| >=3000  | 24.1                       | 55.9  | 62.0  | 68.7   | 72.1  | 73.1  | 76.1   | 76.8  | 76.9  | 77.3   | 77.3  | 77.3  | 77.3   | 77.3  | 77.3  | 77.3   |
| >=2500  | 24.7                       | 57.7  | 64.0  | 71.4   | 75.2  | 76.2  | 79.5   | 80.1  | 80.2  | 80.7   | 80.7  | 80.7  | 80.7   | 80.7  | 80.7  | 80.7   |
| >=2000  | 25.7                       | 59.8  | 66.3  | 74.2   | 78.9  | 80.1  | 83.9   | 84.9  | 85.0  | 85.7   | 85.7  | 85.7  | 85.7   | 85.7  | 85.7  | 85.7   |
| >=1800  | 25.7                       | 59.9  | 66.5  | 74.3   | 79.1  | 80.3  | 84.1   | 85.1  | 85.1  | 85.9   | 85.9  | 85.9  | 85.9   | 85.9  | 85.9  | 85.9   |
| >=1500  | 25.8                       | 60.6  | 67.4  | 75.6   | 80.9  | 82.3  | 86.1   | 87.4  | 87.5  | 88.3   | 88.3  | 88.3  | 88.3   | 88.3  | 88.3  | 88.3   |
| >=1200  | 26.1                       | 60.9  | 67.8  | 76.3   | 81.8  | 83.1  | 87.1   | 88.3  | 88.4  | 89.3   | 89.3  | 89.3  | 89.3   | 89.3  | 89.3  | 89.3   |
| >=1000  | 26.4                       | 62.3  | 69.3  | 78.8   | 85.2  | 86.6  | 90.9   | 92.6  | 92.7  | 94.2   | 94.2  | 94.2  | 94.2   | 94.2  | 94.2  | 94.2   |
| >=900   | 26.4                       | 62.3  | 69.3  | 78.9   | 85.4  | 86.8  | 91.1   | 92.8  | 92.9  | 94.4   | 94.4  | 94.4  | 94.4   | 94.4  | 94.4  | 94.4   |
| >=800   | 26.5                       | 62.8  | 69.6  | 79.6   | 86.3  | 87.7  | 92.4   | 94.2  | 94.4  | 95.9   | 95.9  | 95.9  | 95.9   | 95.9  | 95.9  | 95.9   |
| >=700   | 26.5                       | 62.9  | 70.0  | 79.7   | 86.5  | 87.8  | 92.7   | 94.5  | 94.7  | 96.2   | 96.2  | 96.2  | 96.2   | 96.2  | 96.2  | 96.2   |
| >=600   | 26.5                       | 62.9  | 70.1  | 79.8   | 86.8  | 88.2  | 93.1   | 95.0  | 95.2  | 96.8   | 96.8  | 96.8  | 96.8   | 96.8  | 96.8  | 96.8   |
| >=500   | 26.5                       | 63.0  | 70.3  | 80.3   | 87.5  | 88.9  | 93.8   | 95.8  | 95.9  | 97.9   | 97.9  | 97.9  | 97.9   | 97.9  | 97.9  | 97.9   |
| >=400   | 26.5                       | 63.0  | 70.4  | 80.4   | 87.6  | 89.0  | 93.9   | 95.9  | 96.0  | 98.0   | 98.0  | 98.0  | 98.0   | 98.0  | 98.0  | 98.0   |
| >=300   | 26.5                       | 63.1  | 70.5  | 80.5   | 87.7  | 89.1  | 94.0   | 96.1  | 96.1  | 98.1   | 98.1  | 98.1  | 98.1   | 98.1  | 98.1  | 98.1   |
| >=200   | 26.5                       | 63.1  | 70.5  | 80.5   | 87.7  | 89.2  | 94.1   | 96.2  | 96.2  | 98.2   | 98.2  | 98.2  | 98.2   | 98.2  | 98.2  | 98.2   |
| >=100   | 26.5                       | 63.1  | 70.5  | 80.5   | 87.7  | 89.2  | 94.1   | 96.2  | 96.2  | 98.3   | 98.3  | 98.3  | 98.3   | 98.3  | 98.3  | 98.3   |
| >=0     | 26.5                       | 63.1  | 70.5  | 80.5   | 87.7  | 89.2  | 94.1   | 96.2  | 96.2  | 98.3   | 98.3  | 98.3  | 98.3   | 98.3  | 98.3  | 98.3   |

TOTAL NO. OF OBS : 1037

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 0600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/4  | >=1  |
| UNLIMIT | 7.2                        | 17.2 | 20.3 | 23.7 | 25.7 | 26.5 | 27.7 | 28.4 | 28.6 | 29.2 |
| >=20000 | 7.7                        | 18.3 | 21.8 | 25.4 | 27.5 | 28.4 | 29.9 | 30.8 | 31.0 | 31.5 |
| >=18000 | 7.7                        | 18.4 | 21.9 | 25.6 | 27.7 | 28.6 | 30.1 | 31.0 | 31.1 | 31.7 |
| >=16000 | 7.7                        | 18.4 | 21.9 | 25.6 | 27.7 | 28.6 | 30.1 | 31.0 | 31.1 | 31.7 |
| >=14000 | 7.9                        | 18.9 | 22.4 | 26.3 | 28.5 | 29.5 | 31.1 | 31.9 | 32.1 | 32.7 |
| >=12000 | 8.6                        | 20.4 | 24.0 | 28.2 | 30.5 | 31.5 | 33.1 | 34.0 | 34.2 | 34.8 |
| >=10000 | 10.3                       | 24.9 | 26.7 | 33.6 | 36.3 | 37.6 | 39.6 | 40.8 | 41.0 | 41.7 |
| >=9000  | 10.5                       | 25.7 | 29.7 | 34.5 | 37.3 | 38.7 | 40.7 | 41.9 | 42.1 | 42.8 |
| >=8000  | 11.6                       | 28.5 | 33.3 | 38.9 | 42.1 | 43.6 | 46.2 | 47.5 | 47.8 | 48.8 |
| >=7000  | 12.1                       | 30.0 | 34.9 | 41.4 | 45.0 | 46.5 | 49.1 | 50.6 | 50.9 | 52.0 |
| >=6000  | 12.3                       | 30.7 | 35.6 | 42.1 | 45.9 | 47.3 | 50.0 | 51.5 | 51.8 | 52.8 |
| >=5000  | 13.4                       | 33.2 | 38.6 | 45.4 | 49.2 | 50.7 | 53.4 | 55.1 | 55.4 | 56.7 |
| >=4500  | 14.0                       | 34.1 | 39.6 | 46.5 | 50.4 | 52.0 | 54.8 | 56.4 | 56.8 | 58.1 |
| >=4000  | 14.9                       | 36.3 | 44.8 | 52.3 | 56.6 | 58.3 | 61.3 | 63.2 | 63.5 | 65.2 |
| >=3500  | 15.5                       | 40.0 | 46.8 | 54.2 | 58.9 | 60.7 | 63.8 | 65.8 | 66.2 | 67.8 |
| >=3000  | 17.1                       | 45.0 | 52.0 | 59.7 | 65.1 | 67.0 | 70.7 | 72.8 | 73.3 | 75.3 |
| >=2500  | 17.8                       | 47.3 | 54.6 | 62.6 | 68.5 | 70.4 | 74.2 | 76.5 | 77.0 | 79.1 |
| >=2000  | 18.7                       | 49.5 | 56.8 | 65.4 | 71.8 | 74.0 | 78.0 | 80.5 | 81.1 | 83.6 |
| >=1500  | 19.0                       | 49.6 | 56.9 | 65.5 | 71.9 | 74.1 | 78.1 | 80.6 | 81.2 | 83.7 |
| >=1200  | 19.2                       | 51.1 | 59.0 | 68.6 | 75.3 | 77.5 | 81.6 | 84.9 | 85.5 | 88.0 |
| >=1000  | 19.2                       | 52.0 | 60.3 | 70.1 | 77.7 | 80.0 | 84.8 | 87.8 | 88.5 | 91.4 |
| >=900   | 19.2                       | 52.0 | 60.3 | 70.2 | 77.8 | 80.1 | 85.0 | 88.0 | 88.7 | 91.6 |
| >=800   | 19.2                       | 52.5 | 61.0 | 71.6 | 79.4 | 81.8 | 86.8 | 90.0 | 90.6 | 93.8 |
| >=700   | 19.2                       | 52.6 | 61.1 | 71.9 | 79.7 | 82.2 | 87.2 | 90.4 | 91.0 | 94.3 |
| >=600   | 19.2                       | 52.6 | 61.1 | 71.9 | 79.8 | 82.3 | 87.4 | 90.9 | 91.6 | 94.9 |
| >=500   | 19.2                       | 52.7 | 61.4 | 72.2 | 80.3 | 82.7 | 88.2 | 91.9 | 92.6 | 96.1 |
| >=400   | 19.2                       | 52.8 | 61.5 | 72.3 | 80.6 | 83.1 | 88.6 | 92.3 | 93.0 | 96.5 |
| >=300   | 19.2                       | 52.9 | 61.6 | 72.4 | 80.7 | 83.2 | 88.8 | 92.5 | 93.2 | 96.7 |
| >=200   | 19.2                       | 52.9 | 61.6 | 72.4 | 80.7 | 83.2 | 88.8 | 92.5 | 93.2 | 96.7 |
| >=100   | 19.2                       | 52.9 | 61.6 | 72.4 | 80.7 | 83.2 | 88.8 | 92.6 | 93.2 | 96.8 |
| >= 0    | 19.2                       | 52.9 | 61.6 | 72.4 | 80.7 | 83.2 | 88.8 | 92.6 | 93.2 | 96.8 |

>=1/4 >=5/16 >=1/2 >=5/8 >=3/4 >=1/2 >=5/16 >=1/4 >=0

TOTAL NO. OF OBS : 1037

# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 5.8                        | 17.8 | 20.9 | 24.4 | 26.1 | 27.4 | 29.8 | 31.0 | 31.0 | 31.8 |
| >=20000 | 6.2                        | 19.6 | 22.8 | 26.6 | 28.7 | 30.0 | 32.6 | 33.9 | 33.9 | 34.8 |
| >=18000 | 6.2                        | 19.6 | 22.8 | 26.6 | 28.7 | 30.0 | 32.6 | 33.9 | 33.9 | 34.8 |
| >=16000 | 6.2                        | 19.7 | 22.9 | 26.7 | 28.8 | 30.1 | 32.7 | 34.0 | 34.0 | 34.9 |
| >=14000 | 6.2                        | 19.9 | 23.1 | 27.1 | 29.3 | 30.6 | 33.3 | 34.6 | 34.6 | 35.5 |
| >=12000 | 6.7                        | 21.5 | 25.0 | 29.5 | 32.0 | 33.5 | 36.5 | 38.0 | 38.0 | 38.9 |
| >=10000 | 7.4                        | 24.2 | 28.6 | 34.6 | 37.8 | 39.3 | 42.6 | 44.7 | 44.8 | 45.7 |
| >=9000  | 7.8                        | 25.1 | 29.6 | 35.8 | 39.0 | 40.4 | 44.0 | 46.0 | 46.1 | 47.2 |
| >=8000  | 8.9                        | 29.0 | 34.4 | 41.4 | 44.8 | 46.3 | 50.3 | 52.4 | 52.6 | 54.0 |
| >=7000  | 9.5                        | 30.8 | 36.5 | 43.7 | 47.4 | 49.0 | 53.1 | 55.2 | 55.4 | 56.8 |
| >=6000  | 9.5                        | 31.2 | 37.0 | 44.4 | 48.3 | 49.9 | 54.0 | 56.1 | 56.3 | 57.6 |
| >=5000  | 10.0                       | 33.1 | 39.0 | 46.6 | 50.9 | 52.7 | 57.0 | 59.4 | 59.7 | 61.1 |
| >=4500  | 10.1                       | 33.6 | 39.9 | 47.6 | 51.8 | 53.9 | 58.2 | 60.6 | 60.9 | 62.4 |
| >=4000  | 10.6                       | 37.5 | 44.7 | 53.3 | 58.0 | 60.2 | 64.7 | 67.3 | 67.6 | 69.1 |
| >=3500  | 10.9                       | 38.7 | 46.4 | 55.1 | 60.0 | 62.4 | 66.9 | 69.6 | 69.9 | 71.4 |
| >=3000  | 11.8                       | 41.9 | 50.6 | 59.8 | 64.7 | 67.4 | 72.1 | 75.0 | 75.4 | 77.1 |
| >=2500  | 12.4                       | 43.0 | 52.0 | 61.8 | 67.1 | 70.0 | 75.0 | 77.9 | 78.4 | 80.1 |
| >=2000  | 12.5                       | 44.5 | 53.5 | 63.6 | 69.5 | 72.4 | 77.5 | 80.5 | 81.0 | 83.0 |
| >=1800  | 12.5                       | 44.5 | 53.5 | 63.6 | 69.5 | 72.4 | 77.5 | 80.5 | 81.0 | 83.0 |
| >=1500  | 12.7                       | 45.9 | 55.1 | 65.7 | 71.9 | 75.0 | 80.0 | 83.1 | 83.7 | 86.0 |
| >=1200  | 12.7                       | 46.2 | 55.5 | 66.2 | 72.4 | 75.5 | 80.8 | 83.9 | 84.5 | 86.9 |
| >=1000  | 13.0                       | 46.9 | 56.6 | 67.4 | 74.0 | 77.4 | 83.3 | 86.5 | 87.2 | 90.2 |
| >=900   | 13.0                       | 46.9 | 56.6 | 67.4 | 74.0 | 77.4 | 83.3 | 86.5 | 87.2 | 90.2 |
| >=800   | 13.0                       | 47.3 | 57.4 | 68.6 | 75.1 | 78.8 | 85.4 | 88.6 | 89.6 | 92.6 |
| >=700   | 13.0                       | 47.3 | 57.4 | 68.6 | 75.1 | 78.8 | 85.4 | 88.6 | 89.6 | 92.6 |
| >=600   | 13.0                       | 47.3 | 57.4 | 68.8 | 75.5 | 79.4 | 86.5 | 89.7 | 90.7 | 94.2 |
| >=500   | 13.1                       | 47.7 | 58.0 | 69.7 | 76.9 | 80.8 | 88.1 | 91.5 | 92.6 | 96.3 |
| >=400   | 13.1                       | 47.7 | 58.0 | 69.8 | 77.0 | 80.9 | 88.4 | 91.8 | 92.8 | 96.7 |
| >=300   | 13.1                       | 47.7 | 58.0 | 69.9 | 77.1 | 81.0 | 88.6 | 92.2 | 93.2 | 97.1 |
| >=200   | 13.1                       | 47.7 | 58.0 | 69.9 | 77.1 | 81.0 | 88.6 | 92.2 | 93.2 | 97.1 |
| >=100   | 13.1                       | 47.7 | 58.0 | 69.9 | 77.1 | 81.0 | 88.6 | 92.2 | 93.2 | 97.1 |
| >=0     | 13.1                       | 47.7 | 58.0 | 69.9 | 77.1 | 81.0 | 88.6 | 92.2 | 93.2 | 97.1 |

TOTAL NO. OF OBS : 1034

# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 12.3                       | 25.9 | 28.7 | 31.6 | 34.6 | 35.0 | 36.0 | 36.1 | 36.2 | 36.2 |
| >=20000 | 12.9                       | 28.8 | 32.1 | 35.2 | 38.7 | 39.1 | 40.1 | 40.3 | 40.4 | 40.4 |
| >=18000 | 13.0                       | 28.8 | 32.2 | 35.3 | 38.8 | 39.2 | 40.2 | 40.4 | 40.4 | 40.4 |
| >=16000 | 13.1                       | 29.0 | 32.4 | 35.6 | 39.1 | 39.5 | 40.4 | 40.6 | 40.7 | 40.7 |
| >=14000 | 13.2                       | 29.9 | 33.3 | 36.8 | 40.4 | 40.7 | 41.8 | 42.0 | 42.1 | 42.1 |
| >=12000 | 14.3                       | 32.4 | 36.2 | 40.3 | 44.2 | 44.5 | 46.1 | 46.3 | 46.4 | 46.4 |
| >=10000 | 15.6                       | 35.6 | 40.7 | 45.4 | 50.1 | 50.7 | 52.7 | 53.3 | 53.5 | 53.5 |
| >=9000  | 16.0                       | 36.2 | 41.4 | 46.3 | 51.0 | 51.6 | 53.6 | 54.3 | 54.5 | 54.5 |
| >=8000  | 16.7                       | 39.6 | 45.8 | 51.7 | 56.9 | 57.8 | 59.9 | 60.8 | 61.2 | 61.2 |
| >=7000  | 17.1                       | 40.9 | 47.4 | 53.6 | 59.7 | 60.6 | 63.1 | 63.9 | 64.3 | 64.3 |
| >=6000  | 17.1                       | 41.4 | 48.0 | 54.3 | 59.7 | 60.6 | 63.1 | 63.9 | 64.3 | 64.3 |
| >=5000  | 17.7                       | 43.1 | 50.0 | 56.7 | 62.6 | 63.5 | 66.2 | 67.1 | 67.4 | 67.4 |
| >=4500  | 17.8                       | 43.8 | 50.8 | 57.7 | 63.5 | 64.4 | 67.3 | 68.1 | 68.5 | 68.5 |
| >=4000  | 18.8                       | 47.8 | 55.2 | 62.4 | 68.3 | 69.3 | 72.2 | 73.1 | 73.7 | 73.7 |
| >=3500  | 19.2                       | 48.9 | 56.5 | 64.2 | 70.7 | 71.7 | 74.7 | 75.7 | 76.3 | 76.3 |
| >=3000  | 20.3                       | 50.7 | 59.1 | 67.2 | 73.8 | 74.9 | 78.3 | 79.4 | 80.0 | 80.0 |
| >=2500  | 20.7                       | 51.5 | 60.5 | 69.1 | 75.7 | 76.8 | 80.4 | 82.0 | 82.6 | 82.6 |
| >=2000  | 21.2                       | 52.9 | 62.0 | 71.1 | 77.9 | 78.9 | 82.7 | 84.4 | 85.0 | 85.0 |
| >=1800  | 21.2                       | 52.9 | 62.0 | 71.1 | 77.9 | 78.9 | 82.7 | 84.4 | 85.0 | 85.0 |
| >=1500  | 21.3                       | 53.7 | 63.0 | 72.5 | 79.7 | 80.8 | 84.6 | 86.5 | 87.0 | 87.0 |
| >=1200  | 21.4                       | 53.9 | 63.2 | 72.9 | 80.1 | 81.3 | 85.2 | 87.1 | 87.7 | 87.7 |
| >=1000  | 21.4                       | 54.3 | 63.8 | 73.9 | 81.5 | 82.9 | 87.1 | 89.4 | 90.0 | 90.0 |
| >=900   | 21.4                       | 54.4 | 63.9 | 74.0 | 81.6 | 83.0 | 87.2 | 89.5 | 90.1 | 90.1 |
| >=800   | 21.4                       | 54.9 | 64.6 | 75.0 | 82.8 | 84.6 | 89.4 | 91.9 | 92.6 | 92.6 |
| >=700   | 21.4                       | 55.1 | 64.9 | 75.2 | 83.3 | 85.1 | 90.0 | 92.7 | 93.4 | 93.4 |
| >=600   | 21.4                       | 55.1 | 65.0 | 75.3 | 83.6 | 85.7 | 90.6 | 93.7 | 94.7 | 94.7 |
| >=500   | 21.4                       | 55.1 | 65.0 | 75.3 | 83.7 | 85.8 | 90.6 | 94.4 | 95.2 | 95.2 |
| >=400   | 21.4                       | 55.1 | 65.0 | 75.3 | 83.7 | 85.8 | 91.0 | 94.5 | 95.3 | 95.3 |
| >=300   | 21.4                       | 55.1 | 65.0 | 75.4 | 83.8 | 85.9 | 91.2 | 94.7 | 95.5 | 95.5 |
| >=200   | 21.4                       | 55.1 | 65.0 | 75.4 | 83.8 | 85.9 | 91.2 | 94.7 | 95.5 | 95.5 |
| >=100   | 21.4                       | 55.1 | 65.0 | 75.4 | 83.8 | 85.9 | 91.2 | 94.7 | 95.5 | 95.5 |
| >=0     | 21.4                       | 55.1 | 65.0 | 75.4 | 83.8 | 85.9 | 91.2 | 94.7 | 95.5 | 95.5 |

TOTAL NO. OF OBS : 1026

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 1500 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/4  | >=1  |
| UNLIMIT | 18.9                       | 33.0 | 34.7 | 35.5 | 36.1 | 36.2 | 36.5 | 36.5 | 36.5 | 36.5 |
| >=20000 | 19.8                       | 36.8 | 36.9 | 40.3 | 40.9 | 41.0 | 41.3 | 41.3 | 41.3 | 41.3 |
| >=18000 | 19.8                       | 37.0 | 39.1 | 40.5 | 41.1 | 41.2 | 41.5 | 41.5 | 41.5 | 41.5 |
| >=16000 | 19.9                       | 37.1 | 39.2 | 40.6 | 41.2 | 41.3 | 41.6 | 41.6 | 41.6 | 41.6 |
| >=14000 | 20.5                       | 38.2 | 40.4 | 41.8 | 42.4 | 42.5 | 42.8 | 42.8 | 42.8 | 42.8 |
| >=12000 | 22.6                       | 41.7 | 44.2 | 45.8 | 46.8 | 47.0 | 47.5 | 47.7 | 47.7 | 47.7 |
| >=10000 | 25.0                       | 46.7 | 49.7 | 51.6 | 53.1 | 53.3 | 54.1 | 54.3 | 54.5 | 54.5 |
| >=9000  | 25.5                       | 47.6 | 50.6 | 52.5 | 54.2 | 54.4 | 55.2 | 55.4 | 55.6 | 55.6 |
| >=8000  | 26.6                       | 51.3 | 55.2 | 57.7 | 59.9 | 60.3 | 61.2 | 61.4 | 61.6 | 61.6 |
| >=7000  | 28.0                       | 53.2 | 57.4 | 60.6 | 62.8 | 63.2 | 64.1 | 64.5 | 64.9 | 64.9 |
| >=6000  | 28.2                       | 54.0 | 58.2 | 61.4 | 63.6 | 64.0 | 64.9 | 65.3 | 65.7 | 65.7 |
| >=5000  | 29.6                       | 56.5 | 60.9 | 64.3 | 66.5 | 66.9 | 67.8 | 68.2 | 68.6 | 68.6 |
| >=4500  | 29.7                       | 57.4 | 61.8 | 65.6 | 67.8 | 68.2 | 69.2 | 69.6 | 70.0 | 70.0 |
| >=4000  | 31.8                       | 60.9 | 65.9 | 70.2 | 72.6 | 73.0 | 74.0 | 74.6 | 75.1 | 75.1 |
| >=3500  | 31.3                       | 62.3 | 67.5 | 72.0 | 74.6 | 75.0 | 75.9 | 76.4 | 76.5 | 77.1 |
| >=3000  | 32.3                       | 65.3 | 71.1 | 76.1 | 78.9 | 79.3 | 80.4 | 81.0 | 81.1 | 81.8 |
| >=2500  | 32.9                       | 66.5 | 72.8 | 77.9 | 80.9 | 81.3 | 82.6 | 83.4 | 83.5 | 84.4 |
| >=2000  | 33.1                       | 67.1 | 73.6 | 79.2 | 82.8 | 83.4 | 84.8 | 85.6 | 85.7 | 86.9 |
| >=1800  | 33.1                       | 67.2 | 73.7 | 79.3 | 82.9 | 83.5 | 84.9 | 85.7 | 85.8 | 87.0 |
| >=1500  | 33.6                       | 68.0 | 75.0 | 80.9 | 85.0 | 85.8 | 87.3 | 88.2 | 88.3 | 89.5 |
| >=1200  | 33.7                       | 68.2 | 75.2 | 81.4 | 85.5 | 86.3 | 87.8 | 88.9 | 89.0 | 90.3 |
| >=1000  | 33.8                       | 68.6 | 76.0 | 82.4 | 86.9 | 88.0 | 90.1 | 91.5 | 91.6 | 93.2 |
| >=900   | 33.8                       | 68.7 | 76.1 | 82.5 | 87.0 | 88.1 | 90.2 | 91.6 | 91.7 | 93.3 |
| >=800   | 33.8                       | 68.8 | 76.2 | 83.2 | 87.9 | 89.0 | 91.9 | 93.4 | 93.6 | 95.3 |
| >=700   | 33.8                       | 68.9 | 76.3 | 83.3 | 88.0 | 89.2 | 92.3 | 93.8 | 94.1 | 95.8 |
| >=600   | 33.8                       | 68.9 | 76.4 | 83.4 | 88.3 | 89.6 | 92.4 | 94.4 | 94.7 | 96.5 |
| >=500   | 33.8                       | 69.0 | 76.7 | 83.8 | 88.6 | 90.2 | 93.4 | 95.2 | 95.5 | 97.3 |
| >=400   | 33.8                       | 69.0 | 76.7 | 83.9 | 88.7 | 90.3 | 93.5 | 95.3 | 95.6 | 97.5 |
| >=300   | 33.8                       | 69.0 | 76.7 | 83.9 | 88.7 | 90.3 | 93.6 | 95.5 | 95.8 | 97.7 |
| >=200   | 33.8                       | 69.0 | 76.7 | 83.9 | 88.7 | 90.3 | 93.6 | 95.5 | 95.8 | 97.7 |
| >=100   | 33.8                       | 69.0 | 76.7 | 83.9 | 88.7 | 90.3 | 93.6 | 95.5 | 95.8 | 97.7 |
| >=0     | 33.8                       | 69.0 | 76.7 | 83.9 | 88.7 | 90.3 | 93.6 | 95.5 | 95.8 | 97.7 |

TOTAL NO. OF OBS : 1022

43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 1800 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
|         | >=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   |
| UNLIMIT | 17.0                       | 32.6 | 33.6 | 34.6 | 35.1 | 35.1    | 35.3 | 35.3    | 35.3    | 35.3 | 35.3  | 35.3  | 35.3  | 35.3   | 35.3  | 35.3  |
| >=20000 | 17.9                       | 34.7 | 36.0 | 37.2 | 37.9 | 38.1    | 38.1 | 38.1    | 38.1    | 38.1 | 38.1  | 38.1  | 38.1  | 38.1   | 38.1  | 38.1  |
| >=18000 | 18.0                       | 35.0 | 36.3 | 37.5 | 38.2 | 38.3    | 38.3 | 38.3    | 38.3    | 38.3 | 38.3  | 38.3  | 38.3  | 38.3   | 38.3  | 38.3  |
| >=16000 | 18.0                       | 35.0 | 36.3 | 37.5 | 38.2 | 38.3    | 38.3 | 38.3    | 38.3    | 38.3 | 38.3  | 38.3  | 38.3  | 38.3   | 38.3  | 38.3  |
| >=14000 | 18.8                       | 36.3 | 37.7 | 38.8 | 39.5 | 39.7    | 39.7 | 39.7    | 39.7    | 39.7 | 39.7  | 39.7  | 39.7  | 39.7   | 39.7  | 39.7  |
| >=12000 | 20.4                       | 38.9 | 40.4 | 41.7 | 42.8 | 43.0    | 43.0 | 43.0    | 43.0    | 43.0 | 43.0  | 43.0  | 43.0  | 43.0   | 43.0  | 43.0  |
| >=10000 | 23.3                       | 44.1 | 45.8 | 47.6 | 48.8 | 49.2    | 49.2 | 49.2    | 49.2    | 49.2 | 49.2  | 49.2  | 49.2  | 49.2   | 49.2  | 49.2  |
| >=9000  | 23.8                       | 45.1 | 47.0 | 48.7 | 50.1 | 50.6    | 50.6 | 50.6    | 50.6    | 50.6 | 50.6  | 50.6  | 50.6  | 50.6   | 50.6  | 50.6  |
| >=8000  | 25.7                       | 49.8 | 52.4 | 54.4 | 56.0 | 56.6    | 56.6 | 56.6    | 56.6    | 56.6 | 56.6  | 56.6  | 56.6  | 56.6   | 56.6  | 56.6  |
| >=7000  | 26.6                       | 51.6 | 54.4 | 56.6 | 58.5 | 59.1    | 59.3 | 59.3    | 59.3    | 59.3 | 59.3  | 59.3  | 59.3  | 59.3   | 59.3  | 59.3  |
| >=6000  | 27.1                       | 52.1 | 55.0 | 57.4 | 59.3 | 59.9    | 60.1 | 60.1    | 60.1    | 60.1 | 60.1  | 60.1  | 60.1  | 60.1   | 60.1  | 60.1  |
| >=5000  | 28.8                       | 55.1 | 58.8 | 61.5 | 63.4 | 64.2    | 64.4 | 64.4    | 64.4    | 64.4 | 64.4  | 64.4  | 64.4  | 64.4   | 64.4  | 64.4  |
| >=4500  | 29.3                       | 56.1 | 59.9 | 62.5 | 64.5 | 65.2    | 65.4 | 65.4    | 65.4    | 65.4 | 65.4  | 65.4  | 65.4  | 65.4   | 65.4  | 65.4  |
| >=4000  | 31.8                       | 61.2 | 65.4 | 67.4 | 70.8 | 71.3    | 71.6 | 71.6    | 71.6    | 71.6 | 71.6  | 71.6  | 71.6  | 71.6   | 71.6  | 71.6  |
| >=3500  | 32.5                       | 62.8 | 67.4 | 70.8 | 73.0 | 73.4    | 74.1 | 74.4    | 74.4    | 74.4 | 74.4  | 74.4  | 74.4  | 74.4   | 74.4  | 74.4  |
| >=3000  | 33.9                       | 66.7 | 72.0 | 76.1 | 78.9 | 79.6    | 80.4 | 80.8    | 80.8    | 81.0 | 81.1  | 81.1  | 81.2  | 81.2   | 81.3  | 81.3  |
| >=2500  | 34.6                       | 68.5 | 74.0 | 78.3 | 81.2 | 81.8    | 82.6 | 83.2    | 83.2    | 83.5 | 83.7  | 83.7  | 84.0  | 84.0   | 84.1  | 84.1  |
| >=2000  | 35.0                       | 70.4 | 76.2 | 81.0 | 84.5 | 85.2    | 86.1 | 86.8    | 86.8    | 87.2 | 87.5  | 87.5  | 87.9  | 87.9   | 88.0  | 88.0  |
| >=1800  | 35.0                       | 70.5 | 76.3 | 81.1 | 84.6 | 85.3    | 86.2 | 86.9    | 86.9    | 87.3 | 87.6  | 87.6  | 88.0  | 88.0   | 88.1  | 88.1  |
| >=1500  | 35.6                       | 71.6 | 77.5 | 82.8 | 86.9 | 87.8    | 88.7 | 89.4    | 89.4    | 89.8 | 90.1  | 90.1  | 90.5  | 90.5   | 90.6  | 90.6  |
| >=1200  | 35.6                       | 71.7 | 77.6 | 83.1 | 87.3 | 88.2    | 89.3 | 90.0    | 90.0    | 90.4 | 90.8  | 90.8  | 91.2  | 91.2   | 91.3  | 91.3  |
| >=1000  | 35.7                       | 72.4 | 78.4 | 84.3 | 89.5 | 90.4    | 92.1 | 92.9    | 93.8    | 93.8 | 94.5  | 94.5  | 95.0  | 95.0   | 95.0  | 95.0  |
| >=900   | 35.7                       | 72.4 | 78.4 | 84.4 | 89.5 | 90.5    | 92.2 | 93.0    | 93.0    | 93.9 | 94.6  | 94.6  | 95.0  | 95.0   | 95.1  | 95.1  |
| >=800   | 35.8                       | 72.7 | 78.7 | 85.0 | 90.7 | 91.7    | 93.5 | 94.6    | 95.4    | 95.4 | 96.2  | 96.2  | 96.9  | 96.9   | 97.0  | 97.0  |
| >=700   | 35.8                       | 72.7 | 78.7 | 85.0 | 90.7 | 91.7    | 93.6 | 94.7    | 95.7    | 95.7 | 96.5  | 96.5  | 97.2  | 97.2   | 97.3  | 97.3  |
| >=600   | 35.8                       | 72.8 | 78.8 | 85.3 | 91.1 | 92.2    | 94.5 | 95.5    | 96.2    | 96.7 | 97.5  | 97.5  | 98.2  | 98.2   | 98.3  | 98.3  |
| >=500   | 35.8                       | 72.9 | 79.0 | 85.8 | 91.7 | 92.8    | 95.0 | 96.2    | 96.4    | 97.5 | 98.5  | 98.5  | 99.2  | 99.2   | 99.3  | 99.3  |
| >=400   | 35.8                       | 73.0 | 79.1 | 86.0 | 91.8 | 93.0    | 95.4 | 96.6    | 96.6    | 98.1 | 99.1  | 99.1  | 99.8  | 99.8   | 99.9  | 99.9  |
| >=300   | 35.8                       | 73.0 | 79.1 | 86.0 | 91.8 | 93.0    | 95.4 | 96.6    | 96.6    | 98.1 | 99.1  | 99.1  | 99.9  | 99.9   | 100.0 | 100.0 |
| >=200   | 35.8                       | 73.0 | 79.1 | 86.0 | 91.8 | 93.0    | 95.4 | 96.6    | 96.6    | 98.1 | 99.1  | 99.1  | 99.9  | 99.9   | 100.0 | 100.0 |
| >=100   | 35.8                       | 73.0 | 79.1 | 86.0 | 91.8 | 93.0    | 95.4 | 96.6    | 96.6    | 98.1 | 99.1  | 99.1  | 99.9  | 99.9   | 100.0 | 100.0 |
| >=0     | 35.8                       | 73.0 | 79.1 | 86.0 | 91.8 | 93.0    | 95.4 | 96.6    | 96.6    | 98.1 | 99.1  | 99.1  | 99.9  | 99.9   | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1030



## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : 2100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |      |       |       |       |        |       |      |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|------|
|         | >=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  |
| UNLIMIT | 18.3                       | 34.7 | 36.7 | 37.9 | 38.8 | 38.8    | 39.4 | 39.5    | 39.5    | 39.5 | 39.5  | 39.5  | 39.5  | 39.5   | 39.5  | 39.5 |
| >=20000 | 18.7                       | 36.2 | 38.5 | 40.1 | 41.0 | 41.0    | 41.6 | 41.7    | 41.7    | 41.8 | 41.8  | 41.8  | 41.8  | 41.8   | 41.8  | 41.6 |
| >=18000 | 18.8                       | 36.4 | 38.7 | 40.3 | 41.2 | 41.2    | 41.8 | 41.9    | 41.9    | 42.0 | 42.0  | 42.0  | 42.0  | 42.0   | 42.0  | 42.0 |
| >=16000 | 18.8                       | 36.4 | 38.7 | 40.3 | 41.2 | 41.2    | 41.8 | 41.9    | 41.9    | 42.0 | 42.0  | 42.0  | 42.0  | 42.0   | 42.0  | 42.0 |
| >=14000 | 19.5                       | 37.5 | 39.8 | 41.5 | 42.5 | 42.5    | 43.1 | 43.2    | 43.2    | 43.3 | 43.3  | 43.3  | 43.3  | 43.3   | 43.3  | 43.3 |
| >=12000 | 20.4                       | 39.4 | 41.8 | 43.6 | 44.5 | 44.5    | 45.1 | 45.2    | 45.2    | 45.3 | 45.3  | 45.3  | 45.3  | 45.3   | 45.3  | 45.3 |
| >=10000 | 23.6                       | 44.6 | 47.1 | 48.9 | 50.0 | 50.0    | 50.8 | 51.1    | 51.1    | 51.2 | 51.2  | 51.2  | 51.2  | 51.2   | 51.2  | 51.2 |
| >=9000  | 24.0                       | 45.4 | 47.9 | 49.7 | 50.7 | 50.8    | 51.6 | 51.9    | 51.9    | 52.0 | 52.0  | 52.0  | 52.0  | 52.0   | 52.0  | 52.0 |
| >=8000  | 25.8                       | 50.0 | 52.9 | 55.1 | 56.5 | 56.6    | 57.6 | 57.9    | 57.9    | 58.0 | 58.0  | 58.0  | 58.0  | 58.0   | 58.0  | 58.0 |
| >=7000  | 26.5                       | 51.6 | 54.6 | 57.0 | 58.5 | 58.6    | 59.5 | 59.8    | 59.9    | 59.9 | 59.9  | 59.9  | 59.9  | 59.9   | 59.9  | 59.9 |
| >=6000  | 27.0                       | 52.3 | 55.3 | 57.7 | 59.1 | 59.2    | 60.5 | 60.5    | 60.6    | 60.6 | 60.6  | 60.6  | 60.6  | 60.6   | 60.6  | 60.6 |
| >=5000  | 29.1                       | 55.6 | 58.9 | 61.6 | 63.0 | 63.4    | 64.4 | 64.7    | 64.7    | 64.8 | 64.8  | 64.8  | 64.8  | 64.8   | 64.8  | 64.8 |
| >=4500  | 29.4                       | 56.1 | 59.5 | 62.2 | 63.8 | 64.2    | 65.4 | 65.4    | 65.4    | 65.5 | 65.5  | 65.5  | 65.5  | 65.5   | 65.5  | 65.5 |
| >=4000  | 32.7                       | 62.3 | 66.1 | 68.9 | 70.7 | 71.2    | 72.2 | 72.5    | 72.5    | 72.6 | 72.6  | 72.6  | 72.6  | 72.6   | 72.6  | 72.6 |
| >=3500  | 33.6                       | 63.9 | 67.8 | 70.5 | 72.5 | 73.0    | 74.1 | 74.3    | 74.3    | 74.4 | 74.4  | 74.4  | 74.4  | 74.4   | 74.4  | 74.4 |
| >=3000  | 35.1                       | 68.2 | 72.5 | 75.9 | 78.4 | 78.9    | 80.0 | 80.3    | 80.3    | 80.6 | 80.6  | 80.6  | 80.6  | 80.6   | 80.6  | 80.6 |
| >=2500  | 35.6                       | 69.1 | 74.2 | 78.1 | 81.1 | 81.6    | 82.8 | 83.2    | 83.2    | 83.4 | 83.4  | 83.4  | 83.4  | 83.4   | 83.4  | 83.4 |
| >=2000  | 37.0                       | 71.4 | 76.7 | 81.0 | 84.8 | 85.4    | 86.7 | 87.3    | 87.3    | 87.9 | 87.9  | 87.9  | 87.9  | 87.9   | 87.9  | 87.9 |
| >=1800  | 37.0                       | 71.4 | 76.7 | 81.0 | 84.8 | 85.4    | 86.7 | 87.3    | 87.3    | 87.9 | 87.9  | 87.9  | 87.9  | 87.9   | 87.9  | 87.9 |
| >=1500  | 37.6                       | 72.7 | 78.1 | 82.9 | 87.0 | 87.7    | 89.4 | 90.0    | 90.0    | 90.8 | 90.8  | 90.8  | 90.8  | 90.8   | 90.8  | 90.8 |
| >=1200  | 37.6                       | 73.0 | 78.6 | 83.6 | 87.9 | 88.7    | 90.4 | 91.0    | 91.0    | 91.8 | 91.8  | 91.8  | 91.8  | 91.8   | 91.8  | 91.8 |
| >=1000  | 37.9                       | 73.8 | 79.6 | 85.0 | 89.7 | 90.6    | 92.8 | 93.7    | 93.7    | 94.6 | 94.6  | 94.6  | 94.6  | 94.6   | 94.6  | 94.6 |
| >=900   | 37.9                       | 73.9 | 79.7 | 85.1 | 89.8 | 90.7    | 92.9 | 93.8    | 93.8    | 94.7 | 94.7  | 94.7  | 94.7  | 94.7   | 94.7  | 94.7 |
| >=800   | 37.9                       | 74.0 | 79.9 | 85.8 | 90.7 | 91.8    | 94.1 | 95.2    | 95.2    | 96.2 | 96.3  | 96.4  | 96.4  | 96.4   | 96.4  | 96.4 |
| >=700   | 37.9                       | 74.1 | 80.0 | 85.9 | 90.8 | 91.9    | 94.3 | 95.4    | 95.4    | 96.4 | 96.5  | 96.6  | 96.6  | 96.6   | 96.6  | 96.6 |
| >=600   | 37.9                       | 74.2 | 80.2 | 86.2 | 91.2 | 92.4    | 95.0 | 96.0    | 96.1    | 97.2 | 97.3  | 97.4  | 97.4  | 97.4   | 97.4  | 97.4 |
| >=500   | 37.9                       | 74.3 | 80.3 | 86.4 | 91.7 | 93.0    | 95.7 | 96.8    | 97.0    | 98.2 | 98.5  | 98.5  | 98.5  | 98.5   | 98.5  | 98.5 |
| >=400   | 38.0                       | 74.5 | 80.4 | 86.6 | 92.0 | 93.3    | 96.0 | 97.1    | 97.3    | 98.5 | 98.7  | 98.8  | 98.8  | 98.8   | 98.8  | 98.8 |
| >=300   | 38.0                       | 74.5 | 80.4 | 86.7 | 92.1 | 93.4    | 96.1 | 97.2    | 97.4    | 98.5 | 98.8  | 98.9  | 98.9  | 98.9   | 98.9  | 98.9 |
| >=200   | 38.0                       | 74.5 | 80.4 | 86.7 | 92.1 | 93.4    | 96.1 | 97.2    | 97.4    | 98.5 | 98.8  | 98.9  | 98.9  | 98.9   | 98.9  | 98.9 |
| >=100   | 38.0                       | 74.5 | 80.4 | 86.7 | 92.1 | 93.4    | 96.1 | 97.2    | 97.4    | 98.5 | 98.8  | 98.9  | 98.9  | 98.9   | 98.9  | 98.9 |
| >=0     | 38.0                       | 74.5 | 80.4 | 86.7 | 92.1 | 93.4    | 96.1 | 97.2    | 97.4    | 98.5 | 98.8  | 98.9  | 98.9  | 98.9   | 98.9  | 98.9 |

TOTAL NO. OF OBS : 1033

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : OCT  
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 13.2                       | 27.2 | 29.5 | 31.6 | 33.1 | 33.5 | 34.9 | 34.9 | 34.9 | 35.1 |
| >=20000 | 13.7                       | 29.3 | 31.9 | 34.4 | 36.0 | 36.4 | 37.5 | 38.0 | 38.0 | 38.3 |
| >=18000 | 13.7                       | 29.4 | 32.1 | 34.5 | 36.1 | 36.5 | 37.7 | 38.1 | 38.1 | 38.4 |
| >=16000 | 13.7                       | 29.5 | 32.1 | 34.6 | 36.2 | 36.6 | 37.7 | 38.1 | 38.2 | 38.5 |
| >=14000 | 14.1                       | 30.3 | 32.9 | 35.5 | 37.1 | 37.6 | 38.7 | 39.2 | 39.2 | 39.5 |
| >=12000 | 15.1                       | 32.3 | 35.1 | 37.9 | 39.8 | 40.2 | 41.5 | 42.0 | 42.1 | 42.4 |
| >=10000 | 17.3                       | 36.7 | 40.1 | 43.4 | 45.6 | 46.2 | 47.7 | 48.4 | 48.4 | 48.8 |
| >=9000  | 17.7                       | 37.6 | 41.0 | 44.4 | 46.7 | 47.2 | 48.8 | 49.5 | 49.5 | 49.9 |
| >=8000  | 19.2                       | 41.9 | 45.9 | 49.9 | 52.6 | 53.2 | 55.1 | 55.9 | 55.9 | 56.4 |
| >=7000  | 19.9                       | 43.4 | 47.7 | 52.1 | 55.0 | 55.7 | 57.6 | 58.4 | 58.5 | 59.0 |
| >=6000  | 20.2                       | 44.1 | 48.4 | 52.9 | 55.8 | 56.5 | 58.4 | 59.2 | 59.3 | 59.8 |
| >=5000  | 21.4                       | 46.5 | 51.2 | 55.9 | 58.9 | 59.7 | 61.7 | 62.6 | 62.7 | 63.3 |
| >=4500  | 21.7                       | 47.3 | 52.0 | 56.9 | 59.9 | 60.7 | 62.8 | 63.7 | 63.8 | 64.4 |
| >=4000  | 23.3                       | 51.6 | 56.9 | 62.2 | 65.6 | 66.5 | 68.6 | 69.6 | 69.8 | 70.5 |
| >=3500  | 24.1                       | 53.3 | 58.8 | 64.3 | 67.9 | 68.9 | 71.1 | 72.1 | 72.3 | 73.0 |
| >=3000  | 25.4                       | 57.1 | 63.2 | 69.4 | 73.4 | 74.5 | 76.9 | 78.0 | 78.3 | 79.1 |
| >=2500  | 26.0                       | 58.6 | 65.2 | 71.7 | 76.0 | 77.2 | 79.8 | 81.0 | 81.2 | 82.2 |
| >=2000  | 26.6                       | 60.3 | 67.1 | 74.1 | 79.0 | 80.3 | 83.1 | 84.5 | 84.8 | 85.9 |
| >=1800  | 26.6                       | 60.4 | 67.1 | 74.2 | 79.1 | 80.4 | 83.2 | 84.6 | 84.8 | 86.0 |
| >=1500  | 27.0                       | 61.3 | 68.4 | 75.9 | 81.2 | 82.5 | 85.5 | 87.1 | 87.4 | 88.7 |
| >=1200  | 27.1                       | 61.6 | 68.8 | 76.5 | 81.9 | 83.3 | 86.3 | 88.0 | 88.2 | 89.6 |
| >=1000  | 27.2                       | 62.4 | 69.8 | 78.0 | 84.0 | 85.5 | 89.1 | 90.9 | 91.2 | 92.9 |
| >=900   | 27.2                       | 62.4 | 69.9 | 78.0 | 84.0 | 85.6 | 89.2 | 91.0 | 91.3 | 93.1 |
| >=800   | 27.3                       | 62.8 | 70.4 | 78.9 | 85.1 | 86.8 | 90.9 | 92.8 | 93.2 | 95.0 |
| >=700   | 27.3                       | 62.9 | 70.5 | 79.0 | 85.4 | 87.1 | 91.1 | 93.1 | 93.5 | 95.4 |
| >=600   | 27.3                       | 62.9 | 70.6 | 79.2 | 85.6 | 87.4 | 91.7 | 93.8 | 94.2 | 96.2 |
| >=500   | 27.3                       | 63.1 | 70.8 | 79.6 | 86.2 | 88.1 | 92.5 | 94.7 | 95.1 | 97.3 |
| >=400   | 27.3                       | 63.1 | 70.9 | 79.6 | 86.3 | 88.2 | 92.7 | 94.9 | 95.4 | 97.6 |
| >=300   | 27.3                       | 63.1 | 70.9 | 79.7 | 86.4 | 88.3 | 92.9 | 95.1 | 95.5 | 97.8 |
| >=200   | 27.3                       | 63.1 | 70.9 | 79.7 | 86.4 | 88.3 | 92.9 | 95.1 | 95.5 | 97.8 |
| >=100   | 27.3                       | 63.1 | 70.9 | 79.7 | 86.4 | 88.3 | 92.9 | 95.1 | 95.6 | 97.8 |
| >=0     | 27.3                       | 63.1 | 70.9 | 79.7 | 86.4 | 88.3 | 92.9 | 95.1 | 95.6 | 97.8 |

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TOTAL NO. OF OBS : 8255

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 0000 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |    |    |    |    |    | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|----|----|------------|-----------------------|
|      | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |    |    |    |    |    |            |                       |
| N    | 1.1           | 7.3  | 10.2 | 7.5   | 2.8   | .7    | .3    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 29.8       | 10.2                  |
| NNE  | .7            | 2.4  | 4.3  | 7.5   | 2.2   | .5    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 17.5       | 11.8                  |
| NE   | .4            | 1.3  | 2.2  | 2.8   | .9    | .3    | .0    | .1    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 7.9        | 11.8                  |
| NNE  | .7            | .9   | 1.4  | .9    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 3.9        | 8.3                   |
| E    | .2            | .6   | .5   | .2    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.6        | 7.4                   |
| ESE  | .1            | .2   | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .5         | 5.0                   |
| SE   | .4            | .2   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .6         | 3.5                   |
| SSE  | .3            | .6   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.0        | 4.4                   |
| S    | .3            | .5   | .2   | .4    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.4        | 7.5                   |
| SSW  | .4            | .9   | .6   | .8    | .6    | .0    | .1    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 3.5        | 10.3                  |
| SW   | .1            | .3   | .6   | .5    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.9        | 10.4                  |
| WSW  | .2            | .3   | .7   | .9    | .5    | .1    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 2.6        | 11.8                  |
| W    | .1            | .6   | .3   | .4    | .5    | .2    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 2.3        | 11.1                  |
| WNW  | .5            | 1.0  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 1.6        | 4.7                   |
| NW   | 1.2           | 3.0  | 1.6  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 5.8        | 5.3                   |
| NNW  | 2.0           | 5.2  | 4.5  | 1.7   | .4    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 13.7       | 7.0                   |
| VAR  | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | .0         | .0                    |
| CLM  | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 4.4        | .0                    |
| ALL  | 8.5           | 25.3 | 27.8 | 23.5  | 8.1   | 1.9   | .4    | .1    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0 | 100.0      | 9.1                   |

TOTAL NO. OF OBS : 1019

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 0300 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | 1-3 | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN          |
|------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------------|
|      |     |      |      |       |       |       |       |       |       |       |      | %     | WIND<br>SPEED |
| N    | 2.2 | 6.8  | 11.4 | 8.6   | 3.5   | .7    | .5    | .1    | .0    | .0    | .0   | 33.7  | 10.5          |
| NNE  | 1.4 | 2.5  | 6.6  | 6.8   | 2.0   | .6    | .2    | .1    | .0    | .0    | .0   | 20.1  | 11.3          |
| NE   | .6  | .7   | 1.9  | 2.0   | 1.4   | .2    | .0    | .0    | .0    | .0    | .0   | 6.7   | 11.5          |
| NNE  | .4  | .4   | .2   | .8    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   | 9.5           |
| E    | .6  | .2   | .4   | .1    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 1.5   | 6.8           |
| ESE  | .0  | .1   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .1    | 6.0           |
| SE   | .2  | .0   | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .5    | 5.4           |
| SSE  | .2  | .0   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 4.9           |
| S    | .1  | .3   | .5   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1   | 8.8           |
| SSE  | .0  | .3   | .9   | .2    | .5    | .0    | .0    | .0    | .0    | .0    | .0   | 1.9   | 11.5          |
| SSW  | .2  | .5   | .5   | .9    | .4    | .1    | .0    | .0    | .0    | .0    | .0   | 2.5   | 11.6          |
| SW   | .1  | .1   | 1.1  | 1.1   | .2    | .2    | .0    | .0    | .0    | .0    | .0   | 2.7   | 12.4          |
| WSW  | .0  | .6   | .3   | .4    | .2    | .1    | .0    | .0    | .0    | .0    | .0   | 2.0   | 9.8           |
| W    | .3  | .7   | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.4   | 5.5           |
| WNW  | 1.5 | 3.0  | .7   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 5.3   | 4.8           |
| NW   | 1.3 | 5.9  | 5.5  | 1.6   | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 14.3  | 6.9           |
| WNW  | .0  | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0            |
| LLM  | .0  | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.6   | .0            |
| ALL  | 9.9 | 22.6 | 30.6 | 22.5  | 8.8   | 1.9   | .7    | .2    | .0    | .0    | .0   | 100.0 | 9.4           |

TOTAL NO. OF OBS : 1020

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

U43323 YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 0600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |    | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|----|---------|-----------------|
|             | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |    |         |                 |
| N           | 2.0           | 7.1   | 12.6 | 8.9   | 3.3   | 1.2   | .1    | .0    | .0    | .0    | .0   | .0 | 35.2    | 10.4            |
| NNE         | 1.4           | 3.8   | 6.6  | 6.6   | 2.2   | 1.2   | .1    | .0    | .0    | .0    | .0   | .0 | 21.8    | 11.1            |
| NE          | .3            | 1.9   | 2.0  | 2.5   | 1.2   | .4    | .0    | .0    | .0    | .0    | .0   | .0 | 8.1     | 11.4            |
| ENE         | .5            | .7    | 1.2  | .5    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | 3.0     | 7.8             |
| E           | .3            | .2    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .5      | 3.2             |
| ESE         | .1            | .3    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .4      | 4.3             |
| SE          | .1            | .1    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .2      | 2.5             |
| SSE         | .1            | .3    | .3   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .8      | 6.8             |
| S           | .6            | .5    | .3   | .1    | .0    | .1    | .0    | .0    | .0    | .0    | .0   | .0 | 1.6     | 6.1             |
| SSW         | .2            | .2    | .3   | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | 1.2     | 9.9             |
| SW          | .2            | .3    | .8   | .6    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | 2.1     | 10.1            |
| WSW         | .1            | .6    | .8   | 1.0   | .6    | .3    | .1    | .0    | .0    | .0    | .0   | .0 | 3.4     | 13.4            |
| W           | .2            | .4    | .2   | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | 1.3     | 9.1             |
| WNW         | .5            | .7    | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | 1.4     | 4.6             |
| NW          | .8            | 2.3   | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | 3.2     | 4.6             |
| NNW         | .8            | 5.5   | 4.2  | 1.0   | .0    | .2    | .0    | .0    | .0    | .0    | .0   | .0 | 11.7    | 7.0             |
| VAR         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0      | .0              |
| LLM         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0      | .0              |
| ALL         | 8.0           | 24.7  | 29.5 | 22.1  | 7.8   | 3.3   | .3    | .0    | .0    | .0    | .0   | .0 | 100.0   | 9.3             |

TOTAL NO. OF OBS : 1020

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U4332 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |       | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------|-----------------|
|             | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |         |                 |
| N           | 2.8           | 8.2  | 11.6 | 10.7  | 2.9   | 1.1   | .2    | .1    | .0    | .0    | .0   | 37.5  | 10.1    |                 |
| NNE         | 2.1           | 4.6  | 7.0  | 6.9   | 2.5   | .5    | .0    | .0    | .0    | .0    | .0   | 23.5  | 10.1    |                 |
| NE          | 1.0           | 2.1  | 2.8  | 3.5   | 1.1   | .3    | .0    | .0    | .0    | .0    | .0   | 10.7  | 10.4    |                 |
| ENE         | .6            | .7   | .8   | 1.0   | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 3.2   | 9.0     |                 |
| E           | .4            | .9   | .3   | .2    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 1.9   | 6.3     |                 |
| ESE         | .4            | .2   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6    | 3.0     |                 |
| SE          | .4            | .0   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .5    | 3.4     |                 |
| SSE         | .6            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6    | 2.2     |                 |
| S           | .5            | .4   | .6   | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.9   | 7.7     |                 |
| SSW         | .0            | .1   | .5   | .9    | .4    | .2    | .0    | .0    | .0    | .1    | .0   | 2.2   | 15.6    |                 |
| SW          | .2            | .2   | .8   | 1.1   | .4    | .0    | .0    | .0    | .0    | .0    | .0   | 2.7   | 11.4    |                 |
| WSW         | .1            | .2   | .2   | .5    | .6    | .6    | .0    | .0    | .0    | .0    | .0   | 2.2   | 16.0    |                 |
| W           | .2            | .3   | .3   | .4    | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 1.5   | 10.2    |                 |
| WNW         | .3            | .1   | .1   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 5.9     |                 |
| NW          | .3            | .5   | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0   | 4.5     |                 |
| NNW         | 1.0           | 1.4  | 1.3  | 1.1   | .2    | .2    | .1    | .0    | .0    | .0    | .0   | 5.2   | 8.7     |                 |
| VAR         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0      |                 |
| CLM         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.3   | .0      |                 |
| ALL         | 10.7          | 19.7 | 26.4 | 26.7  | 8.6   | 2.9   | .3    | .1    | .0    | .1    | .0   | 100.0 | 9.6     |                 |

TOTAL NO. OF OBS : 1018

NOTES :  
 # : PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |       |      |  |  | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|--|--|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |      |  |  |            |                       |
| N              | 1.2           | 2.4   | 4.2  | 5.1   | 2.3   | .4    | .1    | .0    | .1    | .0    | .0   | 15.7  | 11.3 |  |  |            |                       |
| NNE            | 1.8           | 3.7   | 7.5  | 6.4   | 1.1   | .5    | .0    | .0    | .0    | .0    | .0   | 20.9  | 9.8  |  |  |            |                       |
| NE             | 2.4           | 6.1   | 7.3  | 5.3   | 1.0   | .5    | .0    | .0    | .0    | .0    | .0   | 22.5  | 8.9  |  |  |            |                       |
| NNE            | 1.9           | 2.9   | 2.5  | .8    | .3    | .0    | .0    | .0    | .0    | .0    | .0   | 8.3   | 6.5  |  |  |            |                       |
| E              | 3.4           | 3.2   | 1.2  | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8.0   | 4.6  |  |  |            |                       |
| ESE            | 1.5           | .6    | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.4   | 3.5  |  |  |            |                       |
| SE             | .5            | .3    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .8    | 3.0  |  |  |            |                       |
| SSE            | .2            | .2    | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6    | 5.8  |  |  |            |                       |
| S              | .4            | .3    | .5   | .8    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 2.2   | 9.4  |  |  |            |                       |
| SSW            | .3            | .5    | 1.1  | .9    | .3    | .4    | .0    | .0    | .0    | .0    | .0   | 3.4   | 11.4 |  |  |            |                       |
| SW             | .2            | .7    | 1.1  | 1.8   | .5    | .0    | .1    | .0    | .0    | .0    | .0   | 4.3   | 11.9 |  |  |            |                       |
| WSW            | .2            | .4    | .6   | 1.6   | 1.0   | .4    | .0    | .0    | .0    | .0    | .0   | 4.1   | 13.9 |  |  |            |                       |
| W              | .0            | .1    | .3   | .6    | .2    | .1    | .0    | .0    | .0    | .0    | .0   | 1.3   | 13.4 |  |  |            |                       |
| WNW            | .2            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .2    | 2.0  |  |  |            |                       |
| NW             | .0            | .2    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    | 7.0  |  |  |            |                       |
| NNW            | .2            | .7    | .2   | .8    | .2    | .0    | .2    | .0    | .0    | .0    | .0   | 2.3   | 11.3 |  |  |            |                       |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   |  |  |            |                       |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   |  |  |            |                       |
| ALL            | 14.2          | 22.3  | 26.8 | 24.2  | 7.0   | 2.3   | .4    | .0    | .1    | .0    | .0   | 100.0 | 9.0  |  |  |            |                       |

TOTAL NO. OF OBS : 1020

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | SPEED (KNOTS) |      |     |      |     |      |       |       |       |       |       |       |       |      |       |      | TOTAL | MEAN |
|--------|---------------|------|-----|------|-----|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|------|
|        | DIR.          | 1    | - 3 | 4    | - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     | WIND |       |      |
| N      |               | 1.3  |     | 2.3  |     | 2.2  | 4.4   | 1.8   |       | .4    | .0    |       | .0    | .0   | 12.3  | 10.7 |       |      |
| NNE    |               | 1.5  |     | 3.5  |     | 4.5  | 4.7   | 1.2   | 1.1   | .2    | .0    |       | .0    | .0   | 16.7  | 10.4 |       |      |
| NE     |               | 1.2  |     | 3.6  |     | 4.5  | 2.6   | 1.5   | .1    | .1    | .0    |       | .0    | .0   | 13.6  | 9.4  |       |      |
| ENE    |               | 1.1  |     | 3.1  |     | 3.7  | 2.1   | .2    | .0    | .0    | .0    |       | .0    | .0   | 10.2  | 8.0  |       |      |
| E      |               | 2.8  |     | 3.0  |     | 2.2  | 1.1   | .1    | .0    | .0    | .0    |       | .0    | .0   | 9.2   | 5.9  |       |      |
| ESE    |               | 1.3  |     | .9   |     | .5   | .0    | .1    | .0    | .0    | .0    |       | .0    | .0   | 2.8   | 4.6  |       |      |
| SE     |               | .8   |     | .4   |     | .1   | .0    | .0    | .0    | .0    | .0    |       | .0    | .0   | 1.3   | 3.8  |       |      |
| SSE    |               | .5   |     | .5   |     | .3   | .0    | .0    | .0    | .0    | .0    |       | .0    | .0   | 1.3   | 4.9  |       |      |
| S      |               | .9   |     | 1.7  |     | 1.7  | .7    | .2    | .0    | .0    | .0    |       | .0    | .0   | 5.1   | 7.3  |       |      |
| SSW    |               | .4   |     | 1.0  |     | 2.6  | 1.5   | 1.1   | .1    | .0    | .0    |       | .0    | .0   | 6.6   | 10.8 |       |      |
| SW     |               | .4   |     | .9   |     | 1.8  | 1.6   | .7    | .3    | .0    | .0    |       | .0    | .0   | 5.6   | 10.9 |       |      |
| WSW    |               | .3   |     | .2   |     | .6   | 1.2   | .9    | .4    | .3    | .0    |       | .0    | .0   | 3.8   | 15.4 |       |      |
| W      |               | .2   |     | .1   |     | .4   | .3    | .4    | .1    | .0    | .0    |       | .0    | .7   | 1.5   | 12.7 |       |      |
| WNW    |               | .0   |     | .1   |     | .0   | .0    | .0    | .0    | .0    | .0    |       | .0    | .0   | .1    | 5.0  |       |      |
| NW     |               | .0   |     | .2   |     | .1   | .0    | .0    | .0    | .0    | .0    |       | .0    | .0   | .3    | 5.3  |       |      |
| NNW    |               | .5   |     | .7   |     | .4   | .9    | .2    | .0    | .1    | .0    |       | .0    | .0   | 2.8   | 9.7  |       |      |
| VAR    |               | .0   |     | .0   |     | .0   | .0    | .0    | .0    | .0    | .0    |       | .0    | .0   | .0    | .0   |       |      |
| CLM    |               | .0   |     | .0   |     | .0   | .0    | .0    | .0    | .0    | .0    |       | .0    | .0   | 7.0   | .0   |       |      |
| ALL    |               | 13.1 |     | 22.2 |     | 25.4 | 20.9  | 8.3   | 2.5   | .7    | .0    |       | .0    | .0   | 100.0 | 8.7  |       |      |

TOTAL NO. OF OBS : 1018

NOTES :  
 # = PERCENT < .05



# 1 - SURFACE WINDS

043323 : YOKOSUKI, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 1800 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|-------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
| N           | 2.1   | 2.6   | 3.2  | 5.1   | 2.4   | .7    | .1    | .1    | .1    | .0    | .0   | 16.4    | 11.3            |
| NNE         | .6    | 1.8   | 1.6  | 5.1   | 2.2   | .7    | .1    | .0    | .0    | .0    | .0   | 12.0    | 12.8            |
| NE          | .7    | 2.0   | 3.3  | 2.2   | .7    | .3    | .0    | .0    | .0    | .0    | .0   | 9.1     | 9.8             |
| ENE         | .6    | 1.1   | 2.5  | 2.3   | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 6.7     | 9.4             |
| E           | 1.4   | 2.9   | 3.9  | 2.6   | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 11.0    | 8.0             |
| ESE         | .3    | 1.2   | 1.5  | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.4     | 7.4             |
| SE          | .6    | .5    | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.5     | 4.7             |
| SSE         | .4    | .3    | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .9      | 4.6             |
| S           | 1.5   | 2.2   | 1.0  | .2    | .2    | .2    | .0    | .0    | .0    | .0    | .0   | 5.2     | 6.2             |
| SSW         | .6    | 2.0   | 2.1  | 1.1   | .5    | .1    | .1    | .0    | .0    | .0    | .0   | 6.4     | 9.2             |
| SW          | .1    | 1.1   | .8   | 1.7   | .3    | .2    | .0    | .0    | .0    | .0    | .0   | 4.1     | 11.0            |
| WSW         | .1    | .7    | 1.5  | 2.1   | .9    | .3    | .0    | .0    | .0    | .0    | .0   | 5.5     | 12.5            |
| W           | .1    | .4    | .4   | .6    | .7    | .3    | .0    | .0    | .0    | .0    | .0   | 2.5     | 13.8            |
| WNW         | .1    | 1.0   | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.4     | 5.9             |
| NW          | .2    | .5    | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .9      | 5.1             |
| NNW         | .7    | 2.0   | 1.3  | 1.1   | .3    | .3    | .0    | .0    | .0    | .0    | .0   | 5.6     | 8.7             |
| VAR         | .0    | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0      | .0              |
| CLM         | .0    | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0      | .0              |
| ALL         | 9.9   | 22.1  | 24.0 | 24.5  | 16.3  | 3.0   | .3    | .1    | .1    | .0    | .0   | 100.0   | 9.1             |

TOTAL NO. OF OBS : 1020

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 2100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1    | 2 | 3 | 4    | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|-------------|------|---|---|------|---|---|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
| N           | 1.4  |   |   | 3.5  |   |   | 4.9  | 6.6   | 2.0   | .9    | .0    | .0    | .1    | .0    | .0   | 19.3    | 11.2            |
| NNE         | .8   |   |   | 1.8  |   |   | 4.5  | 6.8   | 2.7   | .8    | .2    | .0    | .0    | .0    | .0   | 17.5    | 12.4            |
| NE          | .3   |   |   | 1.6  |   |   | 2.6  | 3.5   | .2    | .7    | .0    | .0    | .0    | .0    | .0   | 8.9     | 11.4            |
| ENE         | .8   |   |   | 1.2  |   |   | 2.3  | 1.8   | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 6.1     | 8.5             |
| E           | .6   |   |   | 1.5  |   |   | 2.2  | .7    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.9     | 7.1             |
| ESE         | .7   |   |   | .4   |   |   | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.5     | 4.9             |
| SE          | .6   |   |   | .5   |   |   | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.2     | 3.6             |
| SSE         | .7   |   |   | .7   |   |   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.5     | 3.6             |
| S           | 1.0  |   |   | 1.0  |   |   | .7   | .3    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 3.1     | 6.5             |
| SSW         | .3   |   |   | .5   |   |   | .8   | 1.0   | .5    | .0    | .0    | .0    | .0    | .0    | .0   | 3.0     | 10.7            |
| SW          | .1   |   |   | 1.0  |   |   | .9   | 1.0   | .2    | .1    | .0    | .0    | .0    | .0    | .0   | 3.2     | 10.1            |
| WSW         | .3   |   |   | .3   |   |   | 1.2  | 1.4   | .8    | .2    | .1    | .0    | .0    | .0    | .0   | 4.2     | 13.0            |
| W           | .7   |   |   | .6   |   |   | .6   | 1.0   | .6    | .1    | .0    | .0    | .0    | .0    | .0   | 3.5     | 9.8             |
| WNW         | .2   |   |   | 1.3  |   |   | .3   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.8     | 4.9             |
| NW          | .9   |   |   | 2.8  |   |   | 1.0  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.7     | 5.2             |
| NNW         | 1.4  |   |   | 2.4  |   |   | 3.2  | 1.6   | .3    | .0    | .1    | .0    | .0    | .0    | .0   | 8.9     | 7.8             |
| VAR         | .0   |   |   | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0      | .0              |
| CLM         | .0   |   |   | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.6     | .0              |
| ALL         | 10.6 |   |   | 20.9 |   |   | 25.6 | 25.6  | 7.5   | 2.8   | .3    | .1    | .1    | .0    | .0   | 100.0   | 9.1             |

TOTAL NO. OF OBS : 1020

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | 1-3  | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL | MEAN          |
|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|---------------|
|      |      |      |      |       |       |       |       |       |       |       |     | %     | WIND<br>SPEED |
| N    | 1.7  | 5.0  | 7.5  | 7.1   | 2.6   | .7    | .2    | .0*   | .0*   | .0    | .0  | 25.0  | 10.6          |
| NNE  | 1.3  | 3.0  | 5.3  | 6.3   | 2.0   | .7    | .1    | .0*   | .0    | .0    | .0  | 18.7  | 11.1          |
| NE   | .8   | 2.4  | 3.3  | 3.0   | 1.0   | .3    | .0*   | .0*   | .0    | .0    | .0  | 10.9  | 10.2          |
| NNE  | .8   | 1.4  | 1.8  | 1.3   | .2    | .0*   | .0    | .0    | .0    | .0    | .0  | 5.4   | 8.2           |
| E    | 1.2  | 1.6  | 1.7  | .6    | .1    | .0    | .0    | .0    | .0    | .0    | .0  | 4.8   | 6.4           |
| ESE  | .5   | .5   | .4   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0  | 1.4   | 5.2           |
| SE   | .4   | .2   | .1   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .8    | 3.9           |
| SSE  | .4   | .4   | .1   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .9    | 4.6           |
| S    | .6   | .8   | .7   | .4    | .1    | .1    | .0    | .0    | .0    | .0    | .0  | 2.7   | 7.2           |
| SSW  | .3   | .7   | 1.1  | .8    | .5    | .1    | .0*   | .0    | .0    | .0*   | .0  | 3.5   | 10.8          |
| SW   | .2   | .6   | .9   | 1.1   | .4    | .1    | .0*   | .0    | .0    | .0    | .0  | 3.3   | 11.0          |
| WSW  | .2   | .3   | .8   | 1.2   | .7    | .3    | .0*   | .0    | .0    | .0    | .0  | 3.6   | 13.4          |
| W    | .2   | .4   | .4   | .5    | .4    | .1    | .0    | .0    | .0    | .0    | .0  | 2.0   | 11.2          |
| WNW  | .3   | .6   | .1   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.1   | 5.1           |
| NW   | .6   | 1.6  | .5   | .0    | .0*   | .0    | .0    | .0    | .0    | .0    | .0  | 2.7   | 5.0           |
| NNW  | 1.0  | 3.0  | 2.6  | 1.2   | .2    | .1    | .1    | .0    | .0    | .0    | .0  | 8.1   | 7.7           |
| VAR  | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0    | .0            |
| CLM  | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 5.1   | .0            |
| ALL  | 10.5 | 22.5 | 27.0 | 23.7  | 8.1   | 2.6   | .4    | .1    | .0*   | .0*   | .0  | 100.0 | 9.2           |

TOTAL NO. OF OBS : 8155

NOTES : \* = PERCENT < .05

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 0000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | >=1  | 1/2  |
| UNLIMIT | 15.2                       | 31.8 | 34.8 | 38.6 | 42.3 | 42.8 | 43.9 | 44.6 | 45.1 | 45.2 |
| >=20000 | 15.4                       | 32.5 | 35.7 | 39.5 | 43.4 | 43.9 | 45.0 | 45.7 | 46.2 | 46.3 |
| >=18000 | 15.4                       | 32.5 | 35.7 | 39.5 | 43.4 | 43.9 | 45.0 | 45.7 | 46.2 | 46.3 |
| >=16000 | 15.4                       | 32.5 | 35.7 | 39.5 | 43.4 | 43.9 | 45.0 | 45.7 | 46.2 | 46.3 |
| >=14000 | 15.8                       | 32.9 | 36.2 | 40.1 | 44.1 | 44.6 | 45.8 | 46.5 | 47.0 | 47.1 |
| >=12000 | 16.1                       | 33.6 | 37.0 | 41.0 | 45.2 | 45.7 | 47.1 | 47.8 | 48.3 | 48.4 |
| >=10000 | 17.4                       | 37.6 | 41.3 | 45.7 | 50.2 | 50.9 | 52.8 | 53.6 | 54.1 | 54.2 |
| >= 9000 | 17.9                       | 38.8 | 42.6 | 47.1 | 51.7 | 52.4 | 54.3 | 55.1 | 55.6 | 55.7 |
| >= 8000 | 19.3                       | 42.5 | 46.7 | 51.7 | 56.8 | 57.7 | 59.7 | 60.7 | 61.5 | 61.6 |
| >= 7000 | 20.2                       | 44.1 | 48.6 | 53.6 | 59.1 | 60.0 | 62.2 | 63.3 | 64.1 | 64.2 |
| >= 6000 | 20.6                       | 44.9 | 49.5 | 54.5 | 60.0 | 60.9 | 63.1 | 64.2 | 65.0 | 65.1 |
| >= 5000 | 22.5                       | 48.1 | 52.8 | 58.1 | 63.8 | 64.8 | 67.2 | 68.3 | 69.2 | 69.3 |
| >= 4500 | 22.7                       | 48.6 | 53.4 | 58.7 | 64.5 | 65.5 | 67.9 | 69.0 | 69.9 | 70.0 |
| >= 4000 | 26.0                       | 54.9 | 60.3 | 66.2 | 72.2 | 73.3 | 75.9 | 77.3 | 78.4 | 78.5 |
| >= 3500 | 27.0                       | 57.8 | 63.4 | 69.6 | 75.7 | 76.9 | 79.6 | 81.0 | 82.1 | 82.2 |
| >= 3000 | 28.3                       | 62.3 | 68.2 | 74.8 | 81.4 | 82.7 | 85.7 | 87.2 | 88.5 | 88.6 |
| >= 2500 | 28.9                       | 63.4 | 69.5 | 76.2 | 82.9 | 84.3 | 87.4 | 88.9 | 90.3 | 90.4 |
| >= 2000 | 29.3                       | 64.9 | 70.9 | 78.0 | 85.2 | 86.6 | 89.7 | 91.1 | 92.8 | 92.9 |
| >= 1800 | 29.3                       | 64.9 | 70.9 | 78.0 | 85.2 | 86.6 | 89.7 | 91.1 | 92.8 | 92.9 |
| >= 1500 | 29.5                       | 65.3 | 71.5 | 78.8 | 86.0 | 87.4 | 90.7 | 92.4 | 94.2 | 94.3 |
| >= 1200 | 29.5                       | 65.6 | 71.8 | 79.1 | 86.4 | 87.8 | 91.1 | 93.0 | 94.8 | 94.9 |
| >= 1000 | 29.6                       | 66.2 | 72.6 | 80.1 | 88.1 | 89.6 | 93.2 | 95.1 | 97.1 | 97.2 |
| >= 900  | 29.6                       | 66.2 | 72.6 | 80.1 | 88.1 | 89.6 | 93.2 | 95.1 | 97.1 | 97.2 |
| >= 800  | 29.6                       | 66.4 | 72.8 | 80.5 | 88.8 | 90.3 | 94.0 | 96.0 | 98.0 | 98.3 |
| >= 700  | 29.6                       | 66.4 | 72.8 | 80.7 | 89.1 | 90.6 | 94.3 | 96.4 | 98.4 | 98.6 |
| >= 600  | 29.6                       | 66.4 | 72.8 | 80.7 | 89.1 | 90.6 | 94.4 | 96.5 | 98.5 | 98.7 |
| >= 500  | 29.6                       | 66.4 | 72.8 | 80.7 | 89.3 | 90.9 | 94.7 | 96.8 | 98.7 | 99.0 |
| >= 400  | 29.6                       | 66.4 | 72.8 | 80.7 | 89.3 | 90.9 | 94.7 | 96.8 | 98.7 | 99.0 |
| >= 300  | 29.6                       | 66.4 | 72.8 | 80.7 | 89.3 | 90.9 | 94.7 | 96.8 | 98.7 | 99.0 |
| >= 200  | 29.6                       | 66.4 | 72.8 | 80.7 | 89.3 | 90.9 | 94.7 | 96.8 | 98.7 | 99.0 |
| >= 100  | 29.6                       | 66.4 | 72.8 | 80.7 | 89.3 | 90.9 | 94.7 | 96.8 | 98.7 | 99.0 |
| >= 0    | 29.6                       | 66.4 | 72.8 | 80.7 | 89.3 | 90.9 | 94.7 | 96.8 | 98.7 | 99.0 |

TOTAL NO. OF OBS : 1005

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 0300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |
| UNLIMIT | 16.0                       | 32.4 | 36.9 | 42.1 | 45.3 | 45.9 | 47.7 | 48.5 | 48.6 | 49.0 | 49.2 | 49.2 | 49.2  | 49.2  | 49.2  | 49.2   | 49.2  | 49.3  |
| >=20000 | 16.2                       | 32.9 | 37.4 | 42.8 | 46.2 | 46.8 | 48.8 | 49.6 | 49.7 | 50.1 | 50.3 | 50.3 | 50.3  | 50.3  | 50.3  | 50.3   | 50.3  | 50.4  |
| >=18000 | 16.2                       | 32.9 | 37.4 | 42.8 | 46.2 | 46.8 | 48.8 | 49.6 | 49.7 | 50.1 | 50.3 | 50.3 | 50.3  | 50.3  | 50.3  | 50.3   | 50.3  | 50.4  |
| >=16000 | 16.2                       | 32.9 | 37.4 | 42.8 | 46.2 | 46.8 | 48.8 | 49.6 | 49.7 | 50.1 | 50.3 | 50.3 | 50.3  | 50.3  | 50.3  | 50.3   | 50.3  | 50.4  |
| >=14000 | 16.5                       | 33.2 | 37.8 | 43.2 | 46.6 | 47.2 | 49.5 | 50.2 | 50.3 | 50.8 | 51.0 | 51.0 | 51.0  | 51.0  | 51.0  | 51.0   | 51.0  | 51.1  |
| >=12000 | 16.7                       | 33.9 | 38.6 | 44.1 | 47.6 | 48.2 | 50.4 | 51.2 | 51.3 | 51.8 | 52.0 | 52.0 | 52.0  | 52.0  | 52.0  | 52.0   | 52.1  | 52.2  |
| >=10000 | 17.4                       | 36.6 | 41.7 | 47.7 | 51.2 | 52.0 | 54.5 | 55.4 | 55.5 | 56.0 | 56.2 | 56.2 | 56.2  | 56.2  | 56.2  | 56.2   | 56.2  | 56.3  |
| >= 9000 | 17.6                       | 37.2 | 42.3 | 48.6 | 52.2 | 53.0 | 55.6 | 56.5 | 56.6 | 57.1 | 57.3 | 57.3 | 57.3  | 57.3  | 57.3  | 57.3   | 57.3  | 57.4  |
| >= 8000 | 18.9                       | 40.4 | 45.6 | 52.1 | 56.1 | 56.9 | 59.6 | 60.6 | 60.7 | 61.2 | 61.4 | 61.4 | 61.4  | 61.4  | 61.4  | 61.4   | 61.4  | 61.5  |
| >= 7000 | 19.7                       | 42.0 | 47.2 | 53.8 | 58.0 | 58.8 | 61.7 | 62.8 | 62.9 | 63.5 | 63.7 | 63.7 | 63.7  | 63.7  | 63.7  | 63.7   | 63.7  | 63.8  |
| >= 6000 | 20.1                       | 43.1 | 48.3 | 55.1 | 59.3 | 60.1 | 63.0 | 64.1 | 64.2 | 64.8 | 65.0 | 65.0 | 65.0  | 65.0  | 65.1  | 65.1   | 65.1  | 65.2  |
| >= 5000 | 22.3                       | 47.0 | 52.7 | 59.9 | 64.8 | 65.7 | 68.9 | 70.0 | 70.1 | 70.7 | 70.9 | 70.9 | 70.9  | 70.9  | 71.1  | 71.1   | 71.1  | 71.2  |
| >= 4500 | 22.5                       | 47.3 | 53.2 | 60.5 | 65.4 | 66.3 | 69.5 | 70.6 | 70.7 | 71.3 | 71.5 | 71.5 | 71.5  | 71.5  | 71.7  | 71.7   | 71.7  | 71.8  |
| >= 4000 | 25.3                       | 53.1 | 59.4 | 67.2 | 72.6 | 73.5 | 77.0 | 78.2 | 78.3 | 78.9 | 79.1 | 79.1 | 79.1  | 79.1  | 79.4  | 79.4   | 79.4  | 79.5  |
| >= 3500 | 25.9                       | 54.6 | 61.0 | 69.0 | 74.8 | 75.7 | 79.2 | 80.4 | 80.5 | 81.1 | 81.3 | 81.3 | 81.3  | 81.3  | 81.6  | 81.6   | 81.6  | 81.7  |
| >= 3000 | 27.6                       | 59.7 | 66.4 | 74.7 | 81.0 | 81.9 | 85.7 | 86.9 | 87.0 | 87.6 | 87.8 | 87.8 | 87.8  | 87.8  | 88.2  | 88.2   | 88.2  | 88.3  |
| >= 2500 | 27.8                       | 60.8 | 67.9 | 76.4 | 83.2 | 84.1 | 88.1 | 89.4 | 89.5 | 90.1 | 90.3 | 90.3 | 90.3  | 90.3  | 90.7  | 90.7   | 90.7  | 90.8  |
| >= 2000 | 28.0                       | 62.0 | 69.4 | 78.2 | 85.3 | 86.3 | 90.5 | 92.4 | 92.5 | 93.4 | 93.6 | 93.6 | 93.6  | 93.6  | 94.1  | 94.1   | 94.1  | 94.2  |
| >= 1800 | 28.0                       | 62.0 | 69.4 | 78.2 | 85.3 | 86.3 | 90.5 | 92.4 | 92.5 | 93.4 | 93.6 | 93.6 | 93.6  | 93.6  | 94.1  | 94.1   | 94.1  | 94.2  |
| >= 1500 | 28.1                       | 62.6 | 70.3 | 79.2 | 86.5 | 87.7 | 92.0 | 94.0 | 94.1 | 94.9 | 95.1 | 95.1 | 95.1  | 95.1  | 95.6  | 95.6   | 95.6  | 95.7  |
| >= 1200 | 28.1                       | 62.7 | 70.4 | 79.4 | 86.7 | 87.9 | 92.1 | 94.3 | 94.4 | 95.3 | 95.6 | 95.6 | 95.6  | 95.6  | 96.1  | 96.1   | 96.1  | 96.2  |
| >= 1000 | 28.3                       | 63.3 | 71.0 | 80.2 | 87.9 | 89.3 | 94.1 | 96.2 | 96.3 | 97.5 | 97.8 | 97.8 | 97.8  | 97.8  | 98.5  | 98.5   | 98.5  | 98.6  |
| >= 900  | 28.3                       | 63.3 | 71.0 | 80.2 | 87.9 | 89.3 | 94.1 | 96.2 | 96.3 | 97.5 | 97.8 | 97.8 | 97.8  | 97.8  | 98.5  | 98.5   | 98.5  | 98.6  |
| >= 800  | 28.3                       | 63.4 | 71.1 | 80.3 | 88.1 | 89.5 | 94.2 | 96.4 | 96.5 | 97.7 | 98.0 | 98.0 | 98.0  | 98.0  | 98.8  | 98.8   | 98.8  | 98.9  |
| >= 700  | 28.3                       | 63.4 | 71.2 | 80.4 | 88.2 | 89.6 | 94.4 | 96.5 | 96.6 | 97.9 | 98.2 | 98.2 | 98.2  | 98.2  | 99.0  | 99.0   | 99.0  | 99.1  |
| >= 600  | 28.3                       | 63.4 | 71.3 | 80.5 | 88.3 | 89.7 | 94.4 | 96.6 | 96.7 | 98.0 | 98.3 | 98.3 | 98.3  | 98.3  | 99.1  | 99.1   | 99.1  | 99.2  |
| >= 500  | 28.3                       | 63.4 | 71.3 | 80.6 | 88.4 | 89.8 | 94.5 | 96.8 | 96.9 | 98.2 | 98.5 | 98.5 | 98.5  | 98.5  | 99.3  | 99.3   | 99.3  | 99.4  |
| >= 400  | 28.3                       | 63.4 | 71.3 | 80.6 | 88.4 | 89.8 | 94.5 | 96.8 | 96.9 | 98.2 | 98.5 | 98.5 | 98.5  | 98.5  | 99.4  | 99.4   | 99.4  | 99.5  |
| >= 300  | 28.3                       | 63.4 | 71.3 | 80.6 | 88.4 | 89.8 | 94.5 | 96.8 | 96.9 | 98.2 | 98.5 | 98.5 | 98.5  | 98.5  | 99.4  | 99.4   | 99.4  | 99.5  |
| >= 200  | 28.3                       | 63.4 | 71.3 | 80.6 | 88.4 | 89.8 | 94.5 | 96.8 | 96.9 | 98.2 | 98.5 | 98.5 | 98.5  | 98.5  | 99.6  | 99.6   | 99.6  | 99.7  |
| >= 100  | 28.3                       | 63.4 | 71.3 | 80.6 | 88.4 | 89.8 | 94.5 | 96.8 | 96.9 | 98.2 | 98.5 | 98.5 | 98.5  | 98.5  | 99.6  | 99.6   | 99.6  | 99.7  |
| >= 0    | 28.3                       | 63.4 | 71.3 | 80.6 | 88.4 | 89.8 | 94.5 | 96.8 | 96.9 | 98.2 | 98.5 | 98.5 | 98.5  | 98.5  | 99.6  | 99.6   | 99.6  | 99.8  |
|         |                            |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |       | 100.0 |

TOTAL NO. OF OBS : 1009

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : A L WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 0600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 |
| UNLIMIT | 13.8                       | 27.8 | 32.4 | 37.5 | 40.9 | 42.0 | 44.0 | 44.8 | 44.9 | 45.2 | 45.2 | 45.2 | 45.2  | 45.2  | 45.2  | 45.2   |
| >=20000 | 14.1                       | 28.4 | 33.3 | 38.5 | 42.3 | 43.4 | 45.5 | 46.3 | 46.4 | 46.8 | 46.8 | 46.8 | 46.8  | 46.8  | 46.8  | 46.8   |
| >=18000 | 14.1                       | 28.4 | 33.3 | 38.6 | 42.4 | 43.5 | 45.6 | 46.4 | 46.5 | 46.9 | 46.9 | 46.9 | 46.9  | 46.9  | 46.9  | 46.9   |
| >=16000 | 14.1                       | 28.4 | 33.3 | 38.6 | 42.4 | 43.5 | 45.7 | 46.5 | 46.6 | 47.0 | 47.0 | 47.0 | 47.0  | 47.0  | 47.0  | 47.0   |
| >=14000 | 14.4                       | 28.7 | 33.7 | 39.1 | 42.9 | 44.0 | 46.2 | 47.0 | 47.1 | 47.5 | 47.5 | 47.5 | 47.5  | 47.5  | 47.5  | 47.5   |
| >=12000 | 15.1                       | 29.9 | 34.9 | 40.6 | 44.4 | 45.5 | 47.8 | 48.6 | 48.7 | 49.1 | 49.2 | 49.2 | 49.2  | 49.2  | 49.2  | 49.2   |
| >=10000 | 15.9                       | 31.7 | 37.1 | 43.0 | 47.5 | 48.7 | 51.1 | 52.2 | 52.3 | 52.7 | 52.9 | 52.9 | 52.9  | 52.9  | 52.9  | 52.9   |
| >=9000  | 16.0                       | 32.1 | 37.5 | 43.7 | 48.2 | 49.4 | 51.8 | 52.9 | 53.0 | 53.4 | 53.6 | 53.6 | 53.6  | 53.6  | 53.6  | 53.6   |
| >=8000  | 16.9                       | 34.9 | 40.6 | 47.2 | 52.3 | 53.6 | 56.1 | 57.2 | 57.3 | 57.8 | 58.0 | 58.0 | 58.0  | 58.0  | 58.0  | 58.0   |
| >=7000  | 17.3                       | 36.6 | 42.8 | 49.8 | 55.0 | 56.4 | 59.2 | 60.3 | 60.4 | 60.9 | 61.1 | 61.1 | 61.1  | 61.1  | 61.1  | 61.1   |
| >=6000  | 17.6                       | 37.5 | 44.0 | 51.0 | 56.3 | 57.8 | 60.6 | 61.7 | 61.8 | 62.3 | 62.5 | 62.5 | 62.5  | 62.5  | 62.5  | 62.5   |
| >=5000  | 19.2                       | 40.3 | 47.3 | 54.9 | 60.9 | 62.4 | 65.4 | 66.9 | 67.0 | 67.6 | 67.8 | 67.8 | 67.8  | 67.8  | 67.8  | 67.8   |
| >=4500  | 19.4                       | 40.8 | 47.9 | 55.6 | 61.7 | 63.2 | 66.4 | 67.9 | 68.0 | 68.6 | 68.8 | 68.8 | 68.8  | 68.8  | 68.8  | 68.8   |
| >=4000  | 21.8                       | 45.6 | 53.3 | 61.6 | 68.1 | 69.8 | 73.1 | 75.0 | 75.1 | 75.7 | 75.9 | 75.9 | 75.9  | 75.9  | 75.9  | 75.9   |
| >=3500  | 22.6                       | 47.8 | 55.8 | 64.1 | 70.9 | 72.7 | 76.1 | 78.0 | 78.1 | 78.7 | 78.9 | 78.9 | 78.9  | 78.9  | 78.9  | 78.9   |
| >=3000  | 23.9                       | 53.0 | 61.3 | 70.2 | 77.8 | 79.7 | 83.5 | 85.6 | 85.9 | 86.7 | 87.0 | 87.0 | 87.0  | 87.0  | 87.0  | 87.0   |
| >=2500  | 24.5                       | 54.0 | 62.3 | 71.5 | 79.2 | 81.2 | 85.2 | 87.5 | 87.7 | 88.5 | 88.8 | 88.8 | 88.8  | 88.8  | 88.8  | 88.8   |
| >=2000  | 25.0                       | 55.9 | 64.4 | 73.9 | 82.1 | 84.2 | 88.4 | 90.8 | 91.1 | 92.1 | 92.5 | 92.5 | 92.5  | 92.5  | 92.5  | 92.5   |
| >=1800  | 25.0                       | 55.9 | 64.4 | 73.9 | 82.1 | 84.2 | 88.4 | 90.8 | 91.1 | 92.1 | 92.5 | 92.5 | 92.5  | 92.5  | 92.5  | 92.5   |
| >=1500  | 25.5                       | 56.9 | 65.6 | 75.2 | 83.5 | 85.6 | 90.2 | 92.6 | 93.1 | 94.4 | 94.8 | 94.8 | 94.8  | 94.8  | 94.8  | 94.8   |
| >=1200  | 25.5                       | 57.1 | 65.9 | 75.5 | 83.8 | 85.9 | 90.7 | 93.1 | 93.6 | 95.1 | 95.5 | 95.5 | 95.5  | 95.5  | 95.5  | 95.5   |
| >=1000  | 25.6                       | 57.6 | 66.6 | 76.4 | 85.1 | 87.2 | 92.2 | 94.7 | 95.2 | 96.8 | 97.3 | 97.3 | 97.3  | 97.3  | 97.3  | 97.3   |
| >=900   | 25.6                       | 57.6 | 66.6 | 76.4 | 85.1 | 87.2 | 92.2 | 94.7 | 95.2 | 96.8 | 97.3 | 97.3 | 97.3  | 97.3  | 97.3  | 97.3   |
| >=800   | 25.6                       | 57.7 | 66.7 | 76.5 | 85.2 | 87.3 | 92.5 | 95.0 | 95.5 | 97.1 | 97.7 | 97.7 | 97.7  | 97.7  | 97.7  | 97.7   |
| >=700   | 25.6                       | 57.7 | 66.7 | 76.6 | 85.3 | 87.4 | 92.6 | 95.1 | 95.6 | 97.2 | 97.8 | 97.8 | 97.8  | 97.8  | 97.8  | 97.8   |
| >=600   | 25.6                       | 57.7 | 66.7 | 76.6 | 85.3 | 87.4 | 92.6 | 95.1 | 95.6 | 97.2 | 97.8 | 97.8 | 97.8  | 97.8  | 97.8  | 97.8   |
| >=500   | 25.6                       | 57.8 | 66.8 | 76.7 | 85.4 | 87.5 | 93.0 | 95.5 | 96.0 | 97.6 | 98.2 | 98.2 | 98.2  | 98.2  | 98.2  | 98.2   |
| >=400   | 25.6                       | 57.9 | 66.9 | 76.8 | 85.5 | 87.5 | 93.1 | 95.6 | 96.1 | 97.7 | 98.3 | 98.3 | 98.3  | 98.3  | 98.3  | 98.3   |
| >=300   | 25.6                       | 57.9 | 66.9 | 76.8 | 85.6 | 87.6 | 93.2 | 95.7 | 96.2 | 97.8 | 98.4 | 98.4 | 98.4  | 98.4  | 98.4  | 98.4   |
| >=200   | 25.6                       | 57.9 | 66.9 | 76.8 | 85.6 | 87.6 | 93.2 | 95.7 | 96.2 | 97.8 | 98.4 | 98.4 | 98.4  | 98.4  | 98.4  | 98.4   |
| >=100   | 25.6                       | 57.9 | 66.9 | 76.8 | 85.6 | 87.6 | 93.2 | 95.7 | 96.2 | 97.8 | 98.4 | 98.4 | 98.4  | 98.4  | 98.4  | 98.4   |
| >=0     | 25.6                       | 57.9 | 66.9 | 76.8 | 85.7 | 87.7 | 93.3 | 95.8 | 96.3 | 97.9 | 98.5 | 98.5 | 98.5  | 98.5  | 98.5  | 98.5   |

TOTAL NO. OF OBS : 1004

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 0900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 11.7                       | 23.7 | 26.9 | 32.2 | 36.4 | 38.1 | 41.4 | 43.4 | 43.6 | 44.3 |
| >=20000 | 11.9                       | 24.9 | 28.3 | 33.8 | 38.4 | 40.2 | 43.6 | 45.6 | 45.8 | 46.6 |
| >=18000 | 12.0                       | 25.0 | 28.4 | 33.9 | 38.5 | 40.4 | 43.8 | 45.8 | 46.0 | 46.8 |
| >=16000 | 12.0                       | 25.0 | 28.4 | 33.9 | 38.5 | 40.4 | 43.8 | 45.8 | 46.0 | 46.8 |
| >=14000 | 12.0                       | 25.2 | 28.6 | 34.1 | 38.8 | 40.7 | 44.1 | 46.1 | 46.3 | 47.2 |
| >=12000 | 12.7                       | 26.2 | 29.8 | 35.5 | 40.5 | 42.4 | 46.2 | 48.3 | 48.5 | 49.4 |
| >=10000 | 13.1                       | 28.1 | 32.3 | 38.9 | 44.3 | 46.5 | 51.0 | 53.1 | 53.3 | 54.2 |
| >=9000  | 13.4                       | 28.5 | 32.7 | 39.4 | 45.0 | 47.2 | 52.7 | 54.1 | 54.3 | 55.2 |
| >=8000  | 13.9                       | 30.4 | 35.3 | 42.8 | 49.0 | 51.4 | 57.1 | 59.3 | 59.5 | 60.4 |
| >=7000  | 14.3                       | 31.1 | 36.3 | 44.1 | 50.4 | 52.8 | 58.6 | 60.9 | 61.1 | 62.2 |
| >=6000  | 14.5                       | 32.0 | 37.2 | 45.1 | 51.6 | 54.0 | 59.8 | 62.2 | 62.4 | 63.5 |
| >=5000  | 15.2                       | 34.1 | 40.0 | 48.8 | 56.0 | 58.4 | 64.5 | 67.0 | 67.2 | 68.3 |
| >=4500  | 15.4                       | 34.7 | 40.7 | 49.6 | 56.9 | 59.3 | 65.4 | 67.9 | 68.1 | 69.2 |
| >=4000  | 17.2                       | 39.7 | 46.7 | 56.6 | 64.2 | 66.8 | 73.2 | 76.0 | 76.2 | 77.5 |
| >=3500  | 17.4                       | 41.5 | 48.6 | 58.7 | 66.3 | 69.1 | 75.5 | 78.5 | 78.5 | 79.8 |
| >=3000  | 18.3                       | 45.0 | 52.6 | 63.3 | 71.7 | 74.6 | 81.5 | 84.6 | 84.9 | 86.5 |
| >=2500  | 18.9                       | 46.2 | 54.0 | 65.2 | 73.6 | 76.5 | 83.4 | 86.6 | 86.9 | 88.5 |
| >=2000  | 19.3                       | 46.7 | 54.7 | 66.1 | 74.8 | 77.7 | 84.9 | 88.3 | 88.6 | 90.2 |
| >=1800  | 19.3                       | 46.7 | 54.7 | 66.1 | 74.8 | 77.7 | 84.9 | 88.3 | 88.6 | 90.2 |
| >=1500  | 19.6                       | 47.4 | 55.8 | 67.4 | 76.3 | 79.3 | 86.7 | 90.2 | 90.5 | 92.2 |
| >=1200  | 19.6                       | 47.5 | 55.9 | 67.5 | 76.4 | 79.5 | 86.9 | 90.5 | 90.8 | 92.5 |
| >=1000  | 19.7                       | 47.8 | 56.6 | 68.6 | 77.5 | 80.7 | 88.2 | 92.3 | 92.8 | 94.8 |
| >=900   | 19.7                       | 47.8 | 56.6 | 68.6 | 77.5 | 80.7 | 88.2 | 92.3 | 92.8 | 94.8 |
| >=800   | 19.7                       | 47.9 | 57.0 | 69.1 | 78.0 | 81.3 | 88.8 | 93.1 | 93.6 | 95.8 |
| >=700   | 19.7                       | 47.9 | 57.0 | 69.1 | 78.0 | 81.4 | 88.9 | 93.2 | 93.7 | 96.0 |
| >=600   | 19.7                       | 48.0 | 57.1 | 69.2 | 78.2 | 81.6 | 89.1 | 93.4 | 93.9 | 96.2 |
| >=500   | 19.7                       | 48.0 | 57.1 | 69.4 | 78.5 | 81.9 | 89.6 | 93.9 | 94.4 | 96.7 |
| >=400   | 19.7                       | 48.1 | 57.2 | 69.5 | 78.6 | 82.0 | 89.7 | 94.1 | 94.6 | 96.9 |
| >=300   | 19.7                       | 48.1 | 57.2 | 69.5 | 78.6 | 82.0 | 89.7 | 94.1 | 94.6 | 97.0 |
| >=200   | 19.7                       | 48.1 | 57.2 | 69.5 | 78.6 | 82.0 | 89.7 | 94.1 | 94.6 | 97.0 |
| >=100   | 19.7                       | 48.1 | 57.2 | 69.5 | 78.6 | 82.0 | 89.7 | 94.1 | 94.6 | 97.0 |
| >=0     | 19.7                       | 48.1 | 57.2 | 69.5 | 78.6 | 82.0 | 89.7 | 94.1 | 94.6 | 97.0 |

TOTAL NO. OF OBS : 1000

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E FLEV. : 10 FT  
 MONTH : NOV  
 HOUR : 1200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |       |       |       |        |       |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |       |
| UNLIMIT | 13.9                       | 30.1 | 35.1 | 41.0 | 43.2 | 43.9    | 45.3 | 46.0    | 46.1 | 46.6  | 46.7  | 46.7  | 46.7   | 46.7  | 46.7  | 46.7  |
| >=20000 | 14.6                       | 31.9 | 37.2 | 43.5 | 46.0 | 46.7    | 48.2 | 49.0    | 49.1 | 49.7  | 49.8  | 49.8  | 49.8   | 49.8  | 49.8  | 49.8  |
| >=18000 | 14.7                       | 32.0 | 37.3 | 43.7 | 46.2 | 46.9    | 48.4 | 49.2    | 49.3 | 49.9  | 50.0  | 50.0  | 50.0   | 50.0  | 50.0  | 50.0  |
| >=16000 | 14.7                       | 32.0 | 37.3 | 43.7 | 46.2 | 46.9    | 48.4 | 49.2    | 49.3 | 49.9  | 50.0  | 50.0  | 50.0   | 50.0  | 50.0  | 50.0  |
| >=14000 | 14.8                       | 32.5 | 38.1 | 44.4 | 46.9 | 47.6    | 49.1 | 50.0    | 50.1 | 50.7  | 50.8  | 50.8  | 50.8   | 50.8  | 50.8  | 50.8  |
| >=12000 | 15.4                       | 34.1 | 39.8 | 46.3 | 49.0 | 49.9    | 51.6 | 52.7    | 52.9 | 53.6  | 53.8  | 53.8  | 53.8   | 53.8  | 53.8  | 53.8  |
| >=10000 | 16.1                       | 36.0 | 42.2 | 49.9 | 53.2 | 54.4    | 56.3 | 57.5    | 57.7 | 58.7  | 59.0  | 59.0  | 59.0   | 59.0  | 59.0  | 59.0  |
| >=9000  | 16.1                       | 36.2 | 42.4 | 50.1 | 53.5 | 54.7    | 56.6 | 57.8    | 58.0 | 59.0  | 59.3  | 59.3  | 59.3   | 59.3  | 59.3  | 59.3  |
| >=8000  | 16.9                       | 39.3 | 46.2 | 54.5 | 58.5 | 60.0    | 61.9 | 63.3    | 63.5 | 64.6  | 64.9  | 64.9  | 64.9   | 64.9  | 64.9  | 64.9  |
| >=7000  | 17.2                       | 40.3 | 47.5 | 56.0 | 60.3 | 61.8    | 63.7 | 65.3    | 65.6 | 66.8  | 67.1  | 67.1  | 67.1   | 67.1  | 67.1  | 67.1  |
| >=6000  | 17.4                       | 40.9 | 48.2 | 56.7 | 61.1 | 62.7    | 65.0 | 66.3    | 66.6 | 67.8  | 68.1  | 68.1  | 68.1   | 68.1  | 68.1  | 68.1  |
| >=5000  | 18.6                       | 43.6 | 51.6 | 60.2 | 65.2 | 67.0    | 69.4 | 71.0    | 71.3 | 72.5  | 72.8  | 72.8  | 72.8   | 72.8  | 72.8  | 72.8  |
| >=4500  | 18.8                       | 44.6 | 52.6 | 61.3 | 66.4 | 68.2    | 70.7 | 72.3    | 72.6 | 73.8  | 74.1  | 74.1  | 74.1   | 74.1  | 74.1  | 74.1  |
| >=4000  | 20.4                       | 48.3 | 56.7 | 66.7 | 72.3 | 74.1    | 77.0 | 79.0    | 79.4 | 80.8  | 81.1  | 81.1  | 81.1   | 81.1  | 81.1  | 81.1  |
| >=3500  | 20.7                       | 49.1 | 57.7 | 67.9 | 73.8 | 75.6    | 78.5 | 80.7    | 81.1 | 82.6  | 82.9  | 83.1  | 83.1   | 83.1  | 83.1  | 83.1  |
| >=3000  | 21.5                       | 51.8 | 60.9 | 71.5 | 77.9 | 79.7    | 82.9 | 85.3    | 85.7 | 87.3  | 87.8  | 88.1  | 88.1   | 88.1  | 88.1  | 88.1  |
| >=2500  | 21.7                       | 52.6 | 62.0 | 72.8 | 79.2 | 81.0    | 84.3 | 86.7    | 87.1 | 88.9  | 89.3  | 89.6  | 89.6   | 89.6  | 89.6  | 89.6  |
| >=2000  | 21.9                       | 53.3 | 63.1 | 74.0 | 80.4 | 82.2    | 85.8 | 88.8    | 89.2 | 91.1  | 91.6  | 92.3  | 92.3   | 92.4  | 92.4  | 92.4  |
| >=1800  | 21.9                       | 53.3 | 63.1 | 74.0 | 80.4 | 82.2    | 85.8 | 88.8    | 89.2 | 91.1  | 91.6  | 92.3  | 92.3   | 92.4  | 92.4  | 92.4  |
| >=1500  | 22.1                       | 54.0 | 64.1 | 75.0 | 81.5 | 83.4    | 87.1 | 90.3    | 90.7 | 92.7  | 93.4  | 94.2  | 94.2   | 94.3  | 94.3  | 94.3  |
| >=1200  | 22.1                       | 54.0 | 64.2 | 75.1 | 81.7 | 83.6    | 87.3 | 90.5    | 90.9 | 92.9  | 93.6  | 94.4  | 94.4   | 94.5  | 94.5  | 94.5  |
| >=1000  | 22.1                       | 54.1 | 64.6 | 76.0 | 82.9 | 84.8    | 88.8 | 92.0    | 92.4 | 94.5  | 95.5  | 96.5  | 96.5   | 96.6  | 96.6  | 96.6  |
| >=900   | 22.1                       | 54.1 | 64.6 | 76.0 | 82.9 | 84.8    | 88.8 | 92.0    | 92.4 | 94.5  | 95.5  | 96.5  | 96.5   | 96.6  | 96.6  | 96.6  |
| >=800   | 22.1                       | 54.2 | 65.1 | 76.6 | 83.9 | 85.8    | 89.9 | 93.2    | 93.7 | 95.9  | 97.0  | 98.0  | 98.0   | 98.1  | 98.1  | 98.1  |
| >=700   | 22.1                       | 54.2 | 65.1 | 76.6 | 83.9 | 85.8    | 89.9 | 93.2    | 93.7 | 95.9  | 97.0  | 98.0  | 98.0   | 98.1  | 98.1  | 98.1  |
| >=600   | 22.1                       | 54.2 | 65.2 | 76.7 | 84.0 | 85.9    | 90.0 | 93.4    | 93.9 | 96.0  | 97.1  | 98.1  | 98.1   | 98.2  | 98.2  | 98.2  |
| >=500   | 22.1                       | 54.2 | 65.2 | 76.8 | 84.2 | 86.1    | 90.2 | 93.6    | 94.1 | 96.7  | 97.9  | 99.1  | 99.1   | 99.2  | 99.2  | 99.2  |
| >=400   | 22.1                       | 54.2 | 65.3 | 77.0 | 84.4 | 86.3    | 90.4 | 93.8    | 94.3 | 96.9  | 98.2  | 99.4  | 99.4   | 99.5  | 99.5  | 99.5  |
| >=300   | 22.1                       | 54.3 | 65.4 | 77.1 | 84.5 | 86.4    | 90.5 | 93.9    | 94.4 | 97.0  | 98.5  | 99.7  | 99.7   | 99.9  | 99.9  | 99.9  |
| >=200   | 22.1                       | 54.3 | 65.4 | 77.1 | 84.5 | 86.4    | 90.5 | 93.9    | 94.4 | 97.0  | 98.5  | 99.8  | 99.8   | 100.0 | 100.0 | 100.0 |
| >=100   | 22.1                       | 54.3 | 65.4 | 77.1 | 84.5 | 86.4    | 90.5 | 93.9    | 94.4 | 97.0  | 98.5  | 99.8  | 99.8   | 100.0 | 100.0 | 100.0 |
| >=0     | 22.1                       | 54.3 | 65.4 | 77.1 | 84.5 | 86.4    | 90.5 | 93.9    | 94.4 | 97.0  | 98.5  | 99.8  | 99.8   | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 996



# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 1500 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 21.5                       | 38.8 | 41.0 | 42.6 | 43.6 | 43.9 | 44.4 | 44.5 | 44.5 | 44.5 |
| >=20000 | 22.3                       | 41.7 | 44.0 | 45.9 | 47.1 | 47.6 | 48.1 | 48.3 | 48.3 | 48.3 |
| >=18000 | 22.3                       | 41.7 | 44.0 | 45.9 | 47.1 | 47.6 | 48.1 | 48.3 | 48.3 | 48.3 |
| >=16000 | 22.9                       | 41.9 | 44.2 | 46.2 | 47.4 | 47.9 | 48.4 | 48.6 | 48.6 | 48.6 |
| >=14000 | 22.9                       | 42.5 | 44.8 | 46.8 | 48.0 | 48.5 | 49.1 | 49.4 | 49.4 | 49.4 |
| >=12000 | 24.0                       | 44.5 | 47.0 | 49.2 | 50.8 | 51.3 | 52.0 | 52.3 | 52.3 | 52.3 |
| >=10000 | 25.3                       | 48.0 | 51.3 | 53.8 | 55.7 | 56.7 | 57.8 | 58.1 | 58.1 | 58.1 |
| >= 9000 | 25.5                       | 48.6 | 51.9 | 54.4 | 56.4 | 57.4 | 58.5 | 59.0 | 59.0 | 59.0 |
| >= 8000 | 26.7                       | 51.3 | 55.1 | 57.7 | 60.3 | 61.5 | 62.8 | 63.5 | 63.6 | 63.6 |
| >= 7000 | 27.0                       | 52.1 | 56.2 | 58.9 | 61.6 | 62.8 | 64.2 | 64.9 | 65.0 | 65.0 |
| >= 6000 | 27.4                       | 52.9 | 57.3 | 60.3 | 62.9 | 64.1 | 65.5 | 66.2 | 66.3 | 66.3 |
| >= 5000 | 28.7                       | 55.4 | 60.3 | 63.8 | 66.8 | 68.0 | 69.7 | 70.7 | 71.0 | 71.0 |
| >= 4500 | 29.2                       | 56.7 | 61.6 | 65.2 | 68.3 | 69.5 | 71.2 | 72.2 | 72.5 | 72.5 |
| >= 4000 | 31.4                       | 61.6 | 66.9 | 71.4 | 75.2 | 76.7 | 78.6 | 80.0 | 80.5 | 80.5 |
| >= 3500 | 32.1                       | 62.5 | 68.5 | 73.0 | 76.8 | 78.5 | 80.5 | 82.0 | 82.7 | 82.7 |
| >= 3000 | 33.2                       | 65.5 | 72.2 | 77.0 | 81.3 | 83.3 | 85.7 | 87.4 | 88.5 | 88.5 |
| >= 2500 | 33.5                       | 66.4 | 73.3 | 78.4 | 82.8 | 84.9 | 87.5 | 89.1 | 90.2 | 90.2 |
| >= 2000 | 33.8                       | 67.3 | 74.2 | 79.4 | 84.0 | 86.1 | 89.0 | 90.8 | 92.3 | 92.3 |
| >= 1800 | 33.8                       | 67.3 | 74.2 | 79.4 | 84.0 | 86.1 | 89.0 | 90.8 | 92.3 | 92.3 |
| >= 1500 | 34.0                       | 68.1 | 75.0 | 80.2 | 84.8 | 87.0 | 89.8 | 91.8 | 93.3 | 93.3 |
| >= 1200 | 34.0                       | 68.4 | 75.2 | 80.5 | 85.1 | 87.4 | 90.2 | 92.4 | 94.0 | 94.0 |
| >= 1000 | 34.1                       | 68.9 | 76.0 | 81.7 | 86.6 | 88.9 | 91.8 | 94.1 | 96.1 | 96.1 |
| >= 900  | 34.1                       | 68.9 | 76.0 | 81.7 | 86.6 | 88.9 | 91.8 | 94.1 | 96.1 | 96.1 |
| >= 800  | 34.1                       | 69.2 | 76.4 | 82.3 | 87.2 | 89.5 | 92.4 | 94.7 | 97.1 | 97.1 |
| >= 700  | 34.1                       | 69.3 | 76.5 | 82.4 | 87.3 | 89.6 | 92.5 | 94.8 | 97.3 | 97.3 |
| >= 600  | 34.2                       | 69.4 | 76.7 | 82.7 | 87.7 | 90.0 | 93.0 | 95.4 | 98.1 | 98.1 |
| >= 500  | 34.3                       | 69.5 | 76.9 | 83.1 | 88.1 | 90.4 | 93.4 | 96.1 | 98.8 | 98.8 |
| >= 400  | 34.3                       | 69.5 | 77.0 | 83.2 | 88.2 | 90.5 | 93.6 | 96.3 | 99.0 | 99.0 |
| >= 300  | 34.3                       | 69.5 | 77.0 | 83.2 | 88.2 | 90.5 | 93.6 | 96.3 | 99.1 | 99.1 |
| >= 200  | 34.3                       | 69.5 | 77.0 | 83.2 | 88.2 | 90.5 | 93.6 | 96.3 | 99.1 | 99.1 |
| >= 100  | 34.3                       | 69.5 | 77.0 | 83.2 | 88.2 | 90.5 | 93.6 | 96.3 | 99.1 | 99.1 |
| >= 0    | 34.3                       | 69.5 | 77.0 | 83.2 | 88.2 | 90.5 | 93.6 | 96.3 | 99.1 | 99.1 |

TOTAL NO. OF OBS : 989

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : NOV  
HOUR : 1800 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |         |      |       |       |       |        |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|---------|------|-------|-------|-------|--------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=1 1/4 | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 |
| UNLIMIT | 21.5                       | 39.4 | 41.5 | 43.8 | 44.7 | 45.1    | 45.1 | 45.5    | 45.5 | 45.5    | 45.5 | 45.6  | 45.6  | 45.6  | 45.6   | 45.6  |
| >=20000 | 22.1                       | 41.2 | 43.4 | 45.9 | 47.0 | 47.4    | 47.4 | 47.8    | 47.8 | 47.8    | 47.8 | 47.9  | 47.9  | 47.9  | 47.9   | 47.9  |
| >=18000 | 22.3                       | 41.4 | 43.6 | 46.1 | 47.2 | 47.6    | 47.6 | 48.0    | 48.0 | 48.0    | 48.0 | 48.1  | 48.1  | 48.1  | 48.1   | 48.1  |
| >=16000 | 22.4                       | 41.5 | 43.7 | 46.2 | 47.3 | 47.7    | 47.7 | 48.1    | 48.1 | 48.1    | 48.1 | 48.2  | 48.2  | 48.2  | 48.2   | 48.2  |
| >=14000 | 22.9                       | 42.2 | 44.5 | 47.0 | 48.1 | 48.5    | 48.5 | 49.0    | 49.0 | 49.0    | 49.0 | 49.1  | 49.1  | 49.1  | 49.1   | 49.1  |
| >=12000 | 24.0                       | 44.1 | 46.5 | 49.0 | 50.2 | 50.6    | 50.6 | 51.2    | 51.2 | 51.2    | 51.2 | 51.3  | 51.3  | 51.3  | 51.3   | 51.3  |
| >=10000 | 25.3                       | 47.6 | 50.3 | 53.5 | 55.2 | 55.7    | 56.0 | 56.7    | 56.7 | 56.7    | 56.7 | 56.8  | 56.8  | 56.8  | 56.8   | 56.8  |
| >=9000  | 25.6                       | 48.4 | 51.2 | 54.4 | 56.2 | 56.7    | 57.1 | 57.9    | 57.9 | 57.9    | 57.9 | 58.0  | 58.0  | 58.0  | 58.0   | 58.0  |
| >=8000  | 27.2                       | 51.8 | 55.1 | 58.8 | 60.9 | 61.5    | 62.2 | 63.0    | 63.1 | 63.1    | 63.1 | 63.2  | 63.2  | 63.2  | 63.2   | 63.2  |
| >=7000  | 28.0                       | 53.3 | 56.8 | 60.8 | 62.9 | 63.7    | 64.4 | 65.2    | 65.3 | 65.3    | 65.4 | 65.6  | 65.6  | 65.6  | 65.6   | 65.6  |
| >=6000  | 28.3                       | 53.7 | 57.3 | 61.2 | 63.4 | 64.2    | 64.9 | 65.7    | 65.8 | 65.8    | 65.9 | 66.1  | 66.1  | 66.1  | 66.1   | 66.1  |
| >=5000  | 30.2                       | 56.4 | 60.3 | 64.5 | 66.9 | 67.8    | 68.8 | 69.8    | 69.9 | 69.9    | 70.0 | 70.2  | 70.2  | 70.2  | 70.2   | 70.2  |
| >=4500  | 30.4                       | 56.7 | 60.7 | 64.9 | 67.3 | 68.2    | 69.2 | 70.2    | 70.3 | 70.3    | 70.4 | 70.6  | 70.6  | 70.6  | 70.6   | 70.6  |
| >=4000  | 33.2                       | 62.0 | 66.6 | 71.5 | 74.2 | 75.1    | 76.2 | 77.3    | 77.4 | 77.4    | 77.5 | 77.7  | 77.7  | 77.7  | 77.7   | 77.7  |
| >=3500  | 34.3                       | 64.0 | 68.9 | 73.8 | 76.6 | 77.6    | 78.8 | 79.9    | 80.0 | 80.1    | 80.3 | 80.3  | 80.3  | 80.3  | 80.3   | 80.3  |
| >=3000  | 35.6                       | 68.7 | 73.8 | 79.3 | 82.8 | 83.7    | 85.2 | 86.6    | 86.7 | 87.0    | 87.3 | 87.3  | 87.3  | 87.4  | 87.4   | 87.4  |
| >=2500  | 36.4                       | 69.8 | 75.1 | 80.9 | 84.6 | 85.6    | 87.4 | 88.8    | 88.9 | 89.2    | 89.5 | 89.5  | 89.6  | 89.6  | 89.7   | 89.7  |
| >=2000  | 36.7                       | 70.9 | 76.4 | 82.3 | 86.3 | 87.3    | 89.4 | 90.9    | 91.2 | 91.8    | 92.1 | 92.1  | 92.3  | 92.3  | 92.4   | 92.4  |
| >=1800  | 36.7                       | 70.9 | 76.4 | 82.3 | 86.3 | 87.3    | 89.4 | 90.9    | 91.2 | 91.8    | 92.1 | 92.1  | 92.3  | 92.3  | 92.4   | 92.4  |
| >=1500  | 36.9                       | 71.7 | 77.3 | 83.4 | 87.7 | 88.8    | 90.9 | 92.4    | 92.7 | 93.3    | 93.7 | 93.7  | 94.0  | 94.0  | 94.1   | 94.1  |
| >=1200  | 37.0                       | 72.0 | 77.6 | 83.8 | 88.1 | 89.2    | 91.3 | 92.8    | 93.1 | 93.7    | 94.1 | 94.1  | 94.4  | 94.4  | 94.4   | 94.4  |
| >=1000  | 37.3                       | 72.5 | 78.6 | 85.1 | 89.6 | 90.8    | 92.9 | 94.4    | 94.7 | 95.3    | 95.8 | 95.8  | 96.3  | 96.3  | 96.4   | 96.4  |
| >=900   | 37.3                       | 72.6 | 78.7 | 85.2 | 89.7 | 90.9    | 93.0 | 94.5    | 94.8 | 95.4    | 96.0 | 96.0  | 96.6  | 96.6  | 96.7   | 96.7  |
| >=800   | 37.6                       | 73.2 | 79.4 | 86.0 | 90.7 | 91.9    | 94.1 | 95.7    | 96.0 | 96.6    | 97.2 | 97.2  | 97.8  | 97.8  | 97.9   | 97.9  |
| >=700   | 37.6                       | 73.2 | 79.4 | 86.0 | 90.8 | 92.0    | 94.2 | 95.9    | 96.2 | 96.8    | 97.4 | 97.4  | 98.0  | 98.0  | 98.1   | 98.1  |
| >=600   | 37.7                       | 73.5 | 79.8 | 86.4 | 91.3 | 92.5    | 94.7 | 96.5    | 96.8 | 97.4    | 98.0 | 98.4  | 98.7  | 98.7  | 98.8   | 98.8  |
| >=500   | 37.7                       | 73.6 | 80.0 | 86.6 | 91.6 | 92.8    | 95.0 | 96.8    | 97.1 | 97.7    | 98.4 | 98.4  | 99.4  | 99.4  | 99.5   | 99.5  |
| >=400   | 37.7                       | 73.6 | 80.0 | 86.6 | 91.6 | 92.8    | 95.0 | 96.8    | 97.1 | 97.7    | 98.4 | 98.4  | 99.4  | 99.4  | 99.5   | 99.5  |
| >=300   | 37.7                       | 73.6 | 80.0 | 86.6 | 91.6 | 92.8    | 95.0 | 96.8    | 97.1 | 97.7    | 98.4 | 98.4  | 99.4  | 99.4  | 99.5   | 99.5  |
| >=200   | 37.7                       | 73.6 | 80.0 | 86.6 | 91.6 | 92.8    | 95.0 | 96.8    | 97.1 | 97.7    | 98.4 | 98.4  | 99.4  | 99.4  | 99.5   | 99.5  |
| >=100   | 37.7                       | 73.6 | 80.0 | 86.6 | 91.6 | 92.8    | 95.0 | 96.8    | 97.1 | 97.7    | 98.4 | 98.4  | 99.4  | 99.4  | 99.5   | 99.5  |
| >=0     | 37.7                       | 73.6 | 80.0 | 86.6 | 91.6 | 92.8    | 95.0 | 96.8    | 97.1 | 97.7    | 98.4 | 98.4  | 99.4  | 99.4  | 99.5   | 99.5  |

TOTAL NO. OF OBS : 1009

# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : 2100 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0   |
| UNLIMIT | 20.9                       | 37.5 | 39.2 | 41.5 | 43.3 | 43.6 | 44.5 | 45.1 | 45.1 | 45.1 | 45.1  | 45.1  | 45.1  | 45.1   | 45.1  | 45.1  |
| >=20000 | 21.6                       | 38.8 | 40.7 | 43.2 | 45.0 | 45.4 | 46.3 | 46.9 | 46.9 | 46.9 | 46.9  | 46.9  | 46.9  | 46.9   | 46.9  | 46.9  |
| >=18000 | 21.6                       | 39.0 | 40.9 | 43.4 | 45.2 | 45.6 | 46.5 | 47.1 | 47.1 | 47.1 | 47.1  | 47.1  | 47.1  | 47.1   | 47.1  | 47.1  |
| >=16000 | 21.6                       | 39.0 | 40.9 | 43.4 | 45.2 | 45.6 | 46.5 | 47.1 | 47.1 | 47.1 | 47.1  | 47.1  | 47.1  | 47.1   | 47.1  | 47.1  |
| >=14000 | 21.7                       | 39.3 | 41.2 | 43.7 | 45.5 | 45.9 | 46.8 | 47.4 | 47.4 | 47.4 | 47.4  | 47.4  | 47.4  | 47.4   | 47.4  | 47.4  |
| >=12000 | 22.7                       | 40.7 | 42.6 | 45.3 | 47.1 | 47.5 | 48.4 | 49.0 | 49.0 | 49.0 | 49.0  | 49.0  | 49.0  | 49.0   | 49.0  | 49.0  |
| >=10000 | 24.2                       | 44.5 | 46.8 | 50.0 | 52.3 | 52.7 | 53.8 | 54.6 | 54.6 | 54.7 | 54.7  | 54.7  | 54.7  | 54.7   | 54.7  | 54.7  |
| >=9000  | 24.3                       | 45.4 | 47.7 | 50.9 | 53.3 | 53.7 | 54.8 | 55.6 | 55.6 | 55.7 | 55.7  | 55.7  | 55.8  | 55.8   | 55.8  | 55.8  |
| >=8000  | 26.4                       | 49.7 | 52.2 | 55.9 | 58.8 | 59.2 | 60.4 | 61.5 | 61.5 | 61.6 | 61.6  | 61.6  | 61.7  | 61.7   | 61.7  | 61.7  |
| >=7000  | 27.1                       | 51.0 | 53.9 | 57.6 | 60.8 | 61.4 | 62.8 | 64.0 | 64.0 | 64.1 | 64.1  | 64.1  | 64.2  | 64.2   | 64.2  | 64.2  |
| >=6000  | 27.5                       | 51.8 | 54.7 | 58.5 | 61.9 | 62.5 | 63.9 | 65.1 | 65.1 | 65.2 | 65.2  | 65.2  | 65.3  | 65.3   | 65.3  | 65.3  |
| >=5000  | 29.3                       | 54.6 | 57.5 | 61.5 | 65.0 | 65.6 | 67.4 | 68.6 | 68.6 | 68.7 | 68.7  | 68.7  | 68.9  | 68.9   | 68.9  | 68.9  |
| >=4500  | 29.4                       | 55.1 | 58.0 | 62.1 | 65.6 | 66.2 | 68.0 | 69.2 | 69.2 | 69.3 | 69.3  | 69.3  | 69.5  | 69.5   | 69.5  | 69.5  |
| >=4000  | 32.8                       | 60.8 | 64.2 | 68.7 | 72.8 | 73.4 | 75.5 | 77.2 | 77.3 | 77.4 | 77.4  | 77.4  | 77.6  | 77.6   | 77.6  | 77.6  |
| >=3500  | 34.0                       | 62.9 | 66.4 | 71.5 | 75.7 | 76.3 | 78.4 | 80.2 | 80.3 | 80.4 | 80.4  | 80.4  | 80.6  | 80.6   | 80.6  | 80.6  |
| >=3000  | 36.0                       | 68.4 | 72.0 | 77.5 | 82.1 | 82.9 | 85.2 | 87.0 | 87.1 | 87.3 | 87.3  | 87.3  | 87.5  | 87.5   | 87.5  | 87.5  |
| >=2500  | 36.3                       | 69.7 | 73.4 | 79.2 | 84.0 | 84.8 | 87.3 | 89.1 | 89.2 | 89.5 | 89.6  | 89.6  | 89.8  | 89.8   | 89.8  | 89.8  |
| >=2000  | 37.2                       | 71.6 | 75.5 | 81.6 | 86.5 | 87.3 | 89.9 | 91.7 | 91.8 | 92.3 | 92.5  | 92.5  | 92.7  | 92.7   | 92.7  | 92.7  |
| >=1800  | 37.2                       | 71.6 | 75.5 | 81.6 | 86.6 | 87.4 | 90.0 | 91.8 | 91.9 | 92.4 | 92.6  | 92.6  | 92.8  | 92.8   | 92.8  | 92.8  |
| >=1500  | 37.2                       | 72.0 | 76.2 | 82.5 | 87.4 | 88.2 | 91.1 | 92.9 | 93.0 | 93.5 | 93.7  | 93.7  | 93.9  | 93.9   | 93.9  | 93.9  |
| >=1200  | 37.4                       | 72.4 | 76.6 | 82.9 | 87.8 | 88.6 | 91.6 | 93.4 | 93.5 | 94.0 | 94.2  | 94.2  | 94.5  | 94.5   | 94.5  | 94.5  |
| >=1000  | 37.7                       | 73.5 | 77.8 | 84.8 | 89.9 | 90.7 | 93.8 | 95.6 | 95.7 | 96.8 | 97.1  | 97.1  | 97.6  | 97.6   | 97.6  | 97.6  |
| >=900   | 37.7                       | 73.6 | 77.9 | 85.0 | 90.1 | 90.9 | 94.0 | 95.8 | 95.9 | 97.0 | 97.4  | 97.4  | 97.9  | 97.9   | 97.9  | 97.9  |
| >=800   | 37.8                       | 73.8 | 78.1 | 85.2 | 90.5 | 91.3 | 94.4 | 96.3 | 96.4 | 97.7 | 98.1  | 98.1  | 98.6  | 98.6   | 98.6  | 98.6  |
| >=700   | 37.8                       | 73.8 | 78.1 | 85.2 | 90.6 | 91.4 | 94.5 | 96.4 | 96.5 | 97.8 | 98.2  | 98.2  | 98.7  | 98.7   | 98.7  | 98.7  |
| >=600   | 37.9                       | 73.9 | 78.2 | 85.3 | 90.7 | 91.6 | 94.8 | 96.8 | 96.9 | 98.2 | 98.6  | 98.6  | 99.1  | 99.1   | 99.1  | 99.1  |
| >=500   | 37.9                       | 73.9 | 78.2 | 85.3 | 90.7 | 91.7 | 94.9 | 96.9 | 97.0 | 98.3 | 98.8  | 98.9  | 99.4  | 99.5   | 99.6  | 99.6  |
| >=400   | 37.9                       | 73.9 | 78.2 | 85.3 | 90.8 | 91.8 | 95.0 | 97.0 | 97.1 | 98.4 | 98.9  | 99.0  | 99.5  | 99.6   | 99.7  | 99.7  |
| >=300   | 37.9                       | 73.9 | 78.2 | 85.3 | 90.8 | 91.8 | 95.0 | 97.0 | 97.1 | 98.4 | 98.9  | 99.0  | 99.5  | 99.6   | 99.7  | 99.7  |
| >=200   | 37.9                       | 73.9 | 78.2 | 85.3 | 90.8 | 91.8 | 95.1 | 97.1 | 97.2 | 98.5 | 99.0  | 99.1  | 99.6  | 99.7   | 99.8  | 99.8  |
| >=100   | 37.9                       | 73.9 | 78.2 | 85.3 | 90.8 | 91.8 | 95.1 | 97.1 | 97.2 | 98.5 | 99.0  | 99.1  | 99.6  | 99.7   | 99.9  | 100.0 |
| >=0     | 37.9                       | 73.9 | 78.2 | 85.3 | 90.8 | 91.8 | 95.1 | 97.1 | 97.2 | 98.5 | 99.0  | 99.1  | 99.6  | 99.7   | 99.9  | 100.0 |

TOTAL NO. OF OBS : 1003

# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : NOV  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |         |         |         |      |
|---------|----------------------------|------|------|------|------|---------|---------|---------|---------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2 1/2 | >=1 1/2 | >=1 1/4 | >=1  |
| UNLIMIT | 16.8                       | 32.7 | 36.0 | 39.9 | 42.5 | 43.2    | 44.5    | 45.3    | 45.4    | 45.7 |
| >=20000 | 17.3                       | 34.0 | 37.5 | 41.6 | 44.4 | 45.2    | 46.6    | 47.4    | 47.4    | 47.8 |
| >=18000 | 17.3                       | 34.1 | 37.6 | 41.7 | 44.5 | 45.3    | 46.7    | 47.5    | 47.6    | 47.9 |
| >=16000 | 17.4                       | 34.1 | 37.6 | 41.8 | 44.6 | 45.3    | 46.8    | 47.6    | 47.6    | 48.0 |
| >=14000 | 17.6                       | 34.6 | 38.1 | 42.3 | 45.1 | 45.9    | 47.4    | 48.2    | 48.3    | 48.6 |
| >=12000 | 18.3                       | 35.9 | 39.5 | 43.9 | 46.8 | 47.6    | 49.3    | 50.1    | 50.2    | 50.6 |
| >=10000 | 19.3                       | 38.8 | 42.9 | 47.8 | 51.2 | 52.2    | 54.2    | 55.2    | 55.2    | 55.7 |
| >=9000  | 19.6                       | 39.4 | 43.5 | 48.6 | 52.1 | 53.1    | 55.1    | 56.1    | 56.2    | 56.6 |
| >=8000  | 20.8                       | 42.5 | 47.1 | 52.6 | 56.6 | 57.7    | 60.0    | 61.1    | 61.2    | 61.9 |
| >=7000  | 21.4                       | 43.8 | 48.7 | 54.3 | 58.5 | 59.7    | 62.1    | 63.3    | 63.4    | 64.2 |
| >=6000  | 21.7                       | 44.6 | 49.6 | 55.3 | 59.6 | 60.8    | 63.2    | 64.4    | 64.5    | 65.1 |
| >=5000  | 23.3                       | 47.4 | 52.8 | 59.0 | 63.7 | 65.0    | 67.6    | 69.0    | 69.1    | 69.7 |
| >=4500  | 23.5                       | 48.1 | 53.5 | 59.7 | 64.5 | 65.8    | 68.5    | 69.9    | 70.0    | 70.6 |
| >=4000  | 26.0                       | 53.3 | 59.3 | 66.2 | 71.5 | 72.9    | 75.8    | 77.5    | 77.6    | 78.3 |
| >=3500  | 26.7                       | 55.0 | 61.3 | 68.4 | 73.8 | 75.3    | 78.3    | 80.0    | 80.2    | 80.9 |
| >=3000  | 28.0                       | 59.3 | 65.9 | 73.5 | 79.5 | 81.1    | 84.4    | 86.3    | 86.5    | 87.4 |
| >=2500  | 28.5                       | 60.4 | 67.2 | 75.1 | 81.2 | 82.8    | 86.3    | 88.3    | 88.5    | 89.4 |
| >=2000  | 28.9                       | 61.6 | 68.6 | 76.7 | 83.1 | 84.7    | 88.5    | 90.6    | 90.8    | 92.0 |
| >=1800  | 28.9                       | 61.6 | 68.6 | 76.7 | 83.1 | 84.7    | 88.5    | 90.6    | 90.8    | 92.0 |
| >=1500  | 29.1                       | 62.3 | 69.5 | 77.7 | 84.2 | 85.9    | 89.8    | 92.1    | 92.3    | 93.6 |
| >=1200  | 29.1                       | 62.5 | 69.7 | 78.0 | 84.5 | 86.2    | 90.2    | 92.5    | 92.8    | 94.0 |
| >=1000  | 29.3                       | 63.0 | 70.5 | 79.1 | 86.0 | 87.7    | 91.9    | 94.3    | 94.6    | 96.1 |
| >=900   | 29.3                       | 63.0 | 70.5 | 79.2 | 86.0 | 87.8    | 91.9    | 94.4    | 94.7    | 96.2 |
| >=800   | 29.3                       | 63.2 | 70.8 | 79.6 | 86.6 | 88.4    | 92.6    | 95.1    | 95.4    | 97.0 |
| >=700   | 29.3                       | 63.2 | 70.9 | 79.6 | 86.7 | 88.5    | 92.7    | 95.2    | 95.5    | 97.1 |
| >=600   | 29.4                       | 63.3 | 71.0 | 79.8 | 86.8 | 88.7    | 92.9    | 95.5    | 95.8    | 97.4 |
| >=500   | 29.4                       | 63.4 | 71.0 | 79.9 | 87.0 | 88.9    | 93.2    | 95.8    | 96.1    | 97.8 |
| >=400   | 29.4                       | 63.4 | 71.1 | 80.0 | 87.1 | 89.0    | 93.3    | 95.9    | 96.2    | 97.9 |
| >=300   | 29.4                       | 63.4 | 71.1 | 80.0 | 87.1 | 89.0    | 93.3    | 95.9    | 96.2    | 97.9 |
| >=200   | 29.4                       | 63.4 | 71.1 | 80.0 | 87.1 | 89.0    | 93.3    | 95.9    | 96.3    | 97.9 |
| >=100   | 29.4                       | 63.4 | 71.1 | 80.0 | 87.1 | 89.0    | 93.3    | 95.9    | 96.3    | 97.9 |
| >=0     | 29.4                       | 63.4 | 71.1 | 80.0 | 87.1 | 89.0    | 93.3    | 95.9    | 96.3    | 98.0 |

TOTAL NO. OF OBS : 8015

# 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 0000 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
|                | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |            |                       |
| N              | 2.2           | 7.3   | 9.7  | 7.1   | 1.9   | .6    | .1    | .0    | .0    | .0    | .0   | 28.9       | 9.4                   |
| NNE            | .8            | 2.0   | 4.7  | 5.7   | 1.5   | .4    | .0    | .0    | .0    | .0    | .0   | 15.0       | 10.9                  |
| NE             | .4            | 1.3   | 1.7  | 1.6   | .4    | .2    | .0    | .0    | .0    | .0    | .0   | 5.6        | 9.9                   |
| ENE            | .3            | .5    | .5   | .5    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 1.8        | 8.2                   |
| E              | .6            | .5    | .2   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 1.3        | 5.6                   |
| ESE            | .2            | .1    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3         | 3.0                   |
| SE             | .2            | .3    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6         | 4.7                   |
| SSE            | .3            | .2    | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .6         | 4.3                   |
| S              | .5            | .3    | .1   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 1.0        | 5.7                   |
| SSW            | .1            | .6    | 1.0  | .9    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 2.8        | 9.5                   |
| SW             | .0            | .6    | .4   | .6    | .4    | .1    | .0    | .0    | .0    | .0    | .0   | 2.0        | 11.8                  |
| WSW            | .2            | .4    | .8   | 1.9   | .6    | .7    | .0    | .0    | .0    | .0    | .0   | 4.5        | 13.7                  |
| W              | .7            | 1.3   | 1.2  | .9    | .9    | .2    | .0    | .0    | .0    | .0    | .0   | 5.2        | 10.0                  |
| WNW            | .5            | 1.8   | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.7        | 5.0                   |
| NW             | 1.5           | 4.9   | 1.5  | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8.1        | 5.2                   |
| NNW            | 1.3           | 6.7   | 5.8  | 1.2   | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 15.2       | 6.9                   |
| VAR            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0         | .0                    |
| CLM            | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.6        | .0                    |
| ALL            | 9.6           | 28.8  | 28.1 | 20.6  | 6.2   | 2.1   | .1    | .0    | .0    | .0    | .0   | 100.0      | 8.5                   |

TOTAL NO. OF OBS : 1053

NOTES :  
 \* = PERCENT < .05

## 1 - SURFACE WINDS

043323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : DEC  
HOUR : 0300 LST

PERCENTAGE FREQUENCY OF WIND  
DIRECTION VS SPEED  
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NO. OF OBS : 1053

NOTES :  
# = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 0600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT.<br>DIR. | SPEED (KNOTS) |   |   |      |   |   |      |       |       |       |       |       |       |       |      |       | TOTAL<br>% | MEAN<br>WIND<br>SPEED |
|----------------|---------------|---|---|------|---|---|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|-----------------------|
|                | 1             | 2 | 3 | 4    | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |            |                       |
| N              | 2.3           |   |   | 8.3  |   |   | 9.1  | 7.2   | 2.4   | .6    | .0    | .0    | .0    | .0    | .0   | 29.9  | 9.5        |                       |
| NNE            | .5            |   |   | 3.2  |   |   | 4.3  | 6.2   | 1.2   | .4    | .1    | .0    | .0    | .0    | .0   | 15.8  | 10.7       |                       |
| NE             | .4            |   |   | 2.2  |   |   | 1.3  | 1.7   | .5    | .1    | .0    | .0    | .0    | .0    | .0   | 6.2   | 9.4        |                       |
| ENE            | .4            |   |   | .8   |   |   | .4   | .3    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   | 7.5        |                       |
| E              | .3            |   |   | 1.0  |   |   | .4   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.7   | 4.9        |                       |
| ESE            | .1            |   |   | .1   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .2    | 4.5        |                       |
| SE             | .2            |   |   | .1   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .3    | 2.7        |                       |
| SSE            | .1            |   |   | .2   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4    | 10.0       |                       |
| S              | .9            |   |   | .4   |   |   | .1   | .1    | .0    | .1    | .1    | .0    | .0    | .0    | .0   | 1.6   | 6.9        |                       |
| SSW            | .3            |   |   | .1   |   |   | .3   | .6    | .2    | .0    | .1    | .0    | .0    | .0    | .0   | 1.5   | 11.9       |                       |
| SW             | .1            |   |   | .3   |   |   | .6   | .9    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 2.0   | 11.3       |                       |
| WSW            | .2            |   |   | .4   |   |   | .9   | 1.6   | 1.2   | .2    | .1    | .0    | .0    | .0    | .0   | 4.6   | 13.8       |                       |
| W              | .6            |   |   | .7   |   |   | .5   | .2    | .4    | .0    | .1    | .0    | .0    | .0    | .0   | 2.4   | 9.1        |                       |
| WNW            | .8            |   |   | 1.3  |   |   | .4   | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 2.6   | 5.1        |                       |
| NW             | 1.8           |   |   | 4.3  |   |   | .6   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.8   | 4.7        |                       |
| NNW            | 2.7           |   |   | 7.9  |   |   | 5.2  | 1.7   | .3    | .2    | .0    | .0    | .0    | .0    | .0   | 17.9  | 6.9        |                       |
| VAR            | .0            |   |   | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0         |                       |
| CLM            | .0            |   |   | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.2   | .0         |                       |
| ALL            | 11.4          |   |   | 31.2 |   |   | 23.9 | 20.6  | 6.5   | 1.7   | .5    | .0    | .0    | .0    | .0   | 100.0 | 8.5        |                       |

TOTAL NO. OF OBS : 1054

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       | TOTAL |       | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
|             | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56  | %     |                 |
| N           | 4.2           | 9.6  | 10.7 | 7.5   | 1.9   | .6    | .0    | .0    | .0    | .0    | .0    | 34.4  | 8.6             |
| NNE         | 2.7           | 3.6  | 4.6  | 4.5   | 1.6   | .3    | .2    | .0    | .0    | .0    | .0    | 17.5  | 9.5             |
| NE          | .9            | 2.2  | 2.3  | 2.7   | .9    | .1    | .0    | .0    | .0    | .0    | .0    | 9.0   | 9.5             |
| ENE         | .9            | .7   | .7   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | 2.4   | 5.0             |
| E           | 1.1           | 1.1  | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | 2.5   | 3.8             |
| ESE         | .4            | .3   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .8    | 4.3             |
| SE          | .2            | .2   | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .5    | 5.0             |
| SSE         | .4            | .0   | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .5    | 4.2             |
| S           | .6            | .2   | .3   | .2    | .2    | .1    | .0    | .0    | .0    | .0    | .0    | 1.5   | 8.5             |
| SSW         | .4            | .5   | .2   | .8    | .0    | .0    | .0    | .1    | .0    | .0    | .0    | 1.9   | 9.3             |
| SW          | .0            | .0   | .7   | .9    | .2    | .0    | .0    | .0    | .0    | .0    | .0    | 1.8   | 12.3            |
| WSW         | .2            | .2   | .7   | 1.1   | .8    | .3    | .1    | .0    | .0    | .0    | .0    | 3.3   | 13.9            |
| W           | .4            | .5   | .9   | .7    | .2    | .1    | .2    | .0    | .0    | .0    | .0    | 2.8   | 11.2            |
| WNW         | .7            | .4   | .3   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | 1.5   | 5.1             |
| NW          | .6            | .7   | .3   | .1    | .1    | .0    | .0    | .0    | .0    | .0    | .0    | 1.7   | 5.7             |
| NNW         | 1.4           | 3.3  | 3.8  | 1.6   | .4    | .0    | .0    | .0    | .0    | .0    | .0    | 10.5  | 7.5             |
| VAR         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0              |
| CLM         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | 7.4   | .0              |
| ALL         | 15.0          | 23.3 | 25.6 | 20.5  | 6.2   | 1.4   | .5    | .1    | .0    | .0    | .0    | 100.0 | 8.0             |

TOTAL NO. OF OBS : 1054

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |       | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------|-----------------|
|             | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |         |                 |
| N           | 2.2           | 2.9   | 6.1  | 4.5   | 1.2   | .7    | .0    | .0    | .0    | .0    | .0   | 17.6  | 9.6     |                 |
| NNE         | 2.3           | 5.5   | 6.2  | 4.7   | .6    | .7    | .1    | .0    | .0    | .0    | .0   | 19.9  | 9.0     |                 |
| NE          | 3.2           | 6.6   | 4.6  | 2.6   | .4    | .1    | .0    | .0    | .0    | .0    | .0   | 17.5  | 7.1     |                 |
| ENE         | 3.2           | 1.9   | 1.1  | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.4   | 4.3     |                 |
| E           | 5.3           | 4.4   | .9   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 10.6  | 3.8     |                 |
| ESE         | 1.4           | 1.8   | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3.4   | 3.7     |                 |
| SE          | .7            | .2    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .9    | 2.6     |                 |
| SSE         | .3            | .1    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4    | 2.5     |                 |
| S           | .6            | .3    | .4   | .7    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 2.1   | 8.7     |                 |
| SSW         | .4            | .5    | 1.1  | 1.9   | .3    | .2    | .0    | .0    | .0    | .0    | .0   | 4.4   | 11.1    |                 |
| SW          | .1            | .2    | .5   | 1.0   | .7    | .2    | .0    | .0    | .0    | .0    | .0   | 2.7   | 13.7    |                 |
| WSW         | .4            | .2    | 1.3  | 2.2   | 1.1   | .6    | .0    | .0    | .0    | .0    | .0   | 5.8   | 13.6    |                 |
| W           | .1            | .0    | .3   | .2    | .3    | .2    | .2    | .1    | .0    | .0    | .0   | 1.3   | 18.0    |                 |
| WNW         | .1            | .4    | .1   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .7    | 6.9     |                 |
| NW          | .1            | .0    | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .2    | 6.5     |                 |
| NNW         | .2            | .6    | .5   | .7    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   | 9.1     |                 |
| VAR         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0      |                 |
| CLM         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.3   | .0      |                 |
| ALL         | 20.5          | 25.5  | 23.3 | 18.6  | 4.7   | 2.7   | .3    | .1    | .0    | .0    | .0   | 100.0 | 7.8     |                 |

TOTAL NO. OF OBS : 1053

NOTES : \* = PERCENT < .05

1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 1500 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |      |      |       |       |       |       |       |       |       |      |       |      |  |  | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|--|--|---------|-----------------|
|             | 1-3           | 4-6  | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |       |      |  |  |         |                 |
| N           | .9            | 2.1  | 2.5  | 4.4   | 1.5   | .5    | .1    | .0    | .0    | .0    | .0   | 12.0  | 11.4 |  |  |         |                 |
| NNE         | 1.9           | 3.3  | 4.1  | 2.5   | 1.3   | .5    | .2    | .0    | .0    | .0    | .0   | 13.8  | 9.4  |  |  |         |                 |
| NE          | 2.4           | 4.6  | 4.0  | 1.9   | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 13.0  | 7.1  |  |  |         |                 |
| ENE         | 1.3           | 3.6  | 3.6  | .6    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 9.1   | 6.4  |  |  |         |                 |
| E           | 3.2           | 5.9  | 2.0  | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 11.4  | 4.9  |  |  |         |                 |
| ESE         | 1.0           | 1.1  | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.4   | 4.0  |  |  |         |                 |
| SE          | .9            | .6   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.5   | 3.4  |  |  |         |                 |
| SSE         | .5            | .5   | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.2   | 5.3  |  |  |         |                 |
| S           | 1.1           | 1.6  | 1.6  | .4    | .1    | .1    | .0    | .0    | .0    | .0    | .0   | 4.9   | 6.6  |  |  |         |                 |
| SSW         | .4            | 1.9  | 2.8  | 1.8   | .3    | .1    | .1    | .0    | .0    | .0    | .0   | 7.4   | 9.2  |  |  |         |                 |
| SW          | .4            | .9   | 1.1  | 1.7   | 1.7   | .4    | .2    | .0    | .0    | .0    | .0   | 6.5   | 13.2 |  |  |         |                 |
| WSW         | .1            | .9   | 1.3  | 1.8   | 1.3   | .7    | .0    | .0    | .0    | .0    | .0   | 6.1   | 13.6 |  |  |         |                 |
| W           | .0            | .4   | .3   | .8    | .9    | .3    | .0    | .0    | .0    | .0    | .0   | 2.6   | 14.8 |  |  |         |                 |
| WNW         | .3            | .0   | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4    | 5.0  |  |  |         |                 |
| NW          | .2            | .1   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .4    | 4.3  |  |  |         |                 |
| NNW         | .3            | .8   | .5   | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 2.0   | 7.5  |  |  |         |                 |
| VAR         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   |  |  |         |                 |
| CLM         | .0            | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0   |  |  |         |                 |
| ALL         | 14.9          | 28.2 | 24.4 | 16.6  | 7.4   | 2.5   | .6    | .0    | .0    | .0    | .0   | 100.0 | 8.2  |  |  |         |                 |

TOTAL NO. OF OBS : 1054

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 1800 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1    | 2    | 3    | 4    | 5   | 6   | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL % | MEAN WIND SPEED |
|-------------|------|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|---------|-----------------|
| N           | .7   | 2.4  | 3.5  | 6.8  | 2.9 | .3  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 16.7    | 12.0            |
| NNE         | .9   | 1.4  | 3.2  | 4.4  | 1.7 | .4  | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 12.2    | 11.7            |
| NE          | .9   | 2.6  | 1.8  | 1.1  | .5  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 6.9     | 8.1             |
| ENE         | .8   | 1.8  | 2.5  | .9   | .1  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 6.1     | 7.4             |
| E           | 1.0  | 3.3  | 2.9  | 1.5  | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 8.8     | 7.2             |
| ESE         | .2   | .4   | .6   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.1     | 6.3             |
| SE          | .4   | .4   | .3   | .1   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.1     | 5.4             |
| SSE         | .5   | .7   | .1   | .1   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 1.3     | 4.4             |
| S           | 1.6  | 2.1  | .7   | .2   | .1  | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 4.7     | 5.4             |
| SSW         | .9   | 1.8  | 2.0  | 1.1  | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 5.9     | 7.4             |
| SW          | .1   | 1.8  | 1.2  | .8   | 1.2 | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 5.2     | 10.7            |
| WSW         | .2   | 1.0  | 1.6  | 3.1  | 1.1 | .8  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 7.9     | 12.9            |
| W           | .5   | .4   | .6   | 1.4  | .4  | .1  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 3.4     | 11.7            |
| WNW         | .3   | .2   | .1   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .6      | 4.5             |
| NW          | .5   | 1.4  | .3   | .0   | .0  | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 2.3     | 5.7             |
| MNW         | .9   | 1.5  | 2.0  | 1.4  | .5  | .3  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 6.6     | 9.2             |
| VAR         | .0   | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | .0      | .0              |
| CLM         | .0   | .0   | .0   | .0   | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 9.0     | .0              |
| ALL         | 10.4 | 23.2 | 23.4 | 23.1 | 8.5 | 2.1 | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0  | 100.0   | 8.7             |

TOTAL NO. OF OBS : 1053

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 2100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1   | 2 | 3 | 4    | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN WIND SPEED |
|-------------|-----|---|---|------|---|---|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------------|
| N           | .7  |   |   | 4.3  |   |   | 8.4  | 8.7   | 3.3   | .3    | .1    | .0    | .0    | .0    | .0   | 25.7  | 11.0            |
| NNE         | .8  |   |   | 1.8  |   |   | 3.0  | 3.5   | 1.7   | .4    | .1    | .0    | .0    | .0    | .0   | 11.3  | 11.3            |
| NE          | .6  |   |   | 1.3  |   |   | 1.4  | 1.6   | .3    | .1    | .0    | .0    | .0    | .0    | .0   | 5.3   | 9.6             |
| ENE         | .6  |   |   | 1.4  |   |   | 1.5  | .6    | .2    | .0    | .0    | .0    | .0    | .0    | .0   | 4.3   | 7.7             |
| E           | 1.1 |   |   | 1.2  |   |   | 1.5  | .5    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4.4   | 6.5             |
| ESE         | .2  |   |   | .7   |   |   | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.1   | 5.6             |
| SE          | .8  |   |   | .7   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.4   | 2.9             |
| SSE         | .6  |   |   | 1.0  |   |   | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1.8   | 4.3             |
| S           | .2  |   |   | .7   |   |   | .5   | .2    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | 1.6   | 7.7             |
| SSW         | .0  |   |   | 1.2  |   |   | 1.0  | .5    | .4    | .0    | .0    | .0    | .0    | .0    | .0   | 3.1   | 9.1             |
| SW          | .2  |   |   | .4   |   |   | .7   | 1.2   | .7    | .3    | .0    | .0    | .0    | .0    | .0   | 3.4   | 12.9            |
| WSW         | .2  |   |   | .6   |   |   | 1.7  | 2.1   | .5    | .0    | .0    | .0    | .0    | .0    | .0   | 5.0   | 10.9            |
| W           | .4  |   |   | 1.5  |   |   | .7   | 1.3   | .7    | .5    | .0    | .0    | .0    | .0    | .0   | 5.0   | 11.2            |
| WNW         | .3  |   |   | 1.2  |   |   | .5   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2.2   | 6.0             |
| NW          | 1.1 |   |   | 4.2  |   |   | 1.0  | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.6   | 5.1             |
| NNW         | 1.5 |   |   | 4.5  |   |   | 3.2  | 1.8   | .5    | .1    | .0    | .0    | .0    | .0    | .0   | 11.6  | 7.7             |
| VAR         | .0  |   |   | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0              |
| CLM         | .0  |   |   | .0   |   |   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6.1   | .0              |
| ALL         | 9.1 |   |   | 26.7 |   |   | 25.6 | 22.4  | 8.3   | 1.6   | .2    | .0    | .0    | .0    | .0   | 100.0 | 8.7             |

TOTAL NO. OF OBS : 1052

NOTES :  
 \* = PERCENT < .05

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |    |    |    |    | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|----|---------|-----------------|
|             | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 |    |    |    |    |         |                 |
| N           | 2.0           | 5.6   | 7.6  | 6.8   | 2.2   | .5    | .0*   | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 24.6    | 9.8             |
| NNE         | 1.4           | 2.9   | 4.4  | 4.8   | 1.4   | .4    | .1    | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 15.2    | 10.2            |
| NE          | 1.2           | 2.7   | 2.3  | 1.8   | .5    | .1    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 8.6     | 8.4             |
| ENE         | 1.0           | 1.4   | 1.3  | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 4.1     | 6.4             |
| E           | 1.6           | 2.3   | 1.0  | .3    | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 5.2     | 5.2             |
| ESE         | .5            | .6    | .2   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 1.2     | 4.3             |
| SE          | .4            | .3    | .1   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .8      | 3.8             |
| SSE         | .3            | .3    | .1   | .0*   | .0    | .0*   | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .8      | 4.8             |
| S           | .7            | .7    | .5   | .3    | .1    | .1    | .0*   | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 2.3     | 6.8             |
| SSW         | .3            | .9    | 1.1  | 1.0   | .2    | .1    | .0*   | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 3.5     | 9.4             |
| SW          | .1            | .6    | .7   | 1.0   | .7    | .1    | .0*   | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 3.2     | 12.2            |
| WSW         | .2            | .5    | 1.2  | 1.9   | 1.0   | .4    | .0*   | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 5.2     | 13.2            |
| W           | .4            | .7    | .6   | .8    | .5    | .2    | .1    | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 3.2     | 11.5            |
| WNW         | .4            | .8    | .2   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 1.6     | 5.2             |
| NW          | .9            | 2.6   | .6   | .1    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 4.3     | 5.0             |
| NNW         | 1.3           | 4.1   | 3.2  | 1.2   | .2    | .1    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 10.2    | 7.3             |
| VAR         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | .0      | .0              |
| CLM         | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 5.8     | .0              |
| ALL         | 12.7          | 27.0  | 25.0 | 20.5  | 6.8   | 1.9   | .3    | .0*   | .0    | .0    | .0   | .0 | .0 | .0 | .0 | 100.0   | 8.3             |

TOTAL NO. OF OBS : 6426

NOTES : \* = PERCENT < .05

U43323 : YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : ANN  
HOUF : ALL

PERCENTAGE FREQUENCY OF WIND  
DIRECTION VS SPEED  
(FROM HOURLY OBSERVATIONS)

|             |      | SPEED (KNOTS) |       |      |       |       |       |       |       |       |       |      |       | TOTAL |       | MEAN |
|-------------|------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|------|
| 16 PT. DIR. |      | 1 - 3         | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | %     |       | WIND  |      |
|             |      |               |       |      |       |       |       |       |       |       |       |      |       |       | SPEED |      |
| N           | 1.6  | 3.5           | 5.0   | 5.1  | 2.0   | .6    | .1    | .0*   | .0*   | .0*   | .0    | .0   | 17.8  | 10.5  |       |      |
| NNE         | 1.2  | 2.6           | 3.9   | 4.3  | 1.4   | .4    | .1    | .0*   | .0*   | .0    | .0    | .0   | 14.0  | 10.5  |       |      |
| NE          | 1.0  | 2.2           | 2.9   | 2.3  | .6    | .2    | .0*   | .0*   | .0    | .0    | .0    | .0   | 9.2   | 9.2   |       |      |
| NNE         | .9   | 1.6           | 1.7   | .9   | .1    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0   | 5.3   | 7.3   |       |      |
| E           | 1.5  | 2.0           | 1.3   | .5   | .0*   | .0*   | .0*   | .0*   | .0    | .0    | .0    | .0   | 5.3   | 5.8   |       |      |
| ESE         | .6   | .6            | .3    | .1   | .0*   | .0*   | .0*   | .0*   | .0    | .0    | .0    | .0   | 1.6   | 5.2   |       |      |
| SE          | .4   | .4            | .2    | .1   | .0*   | .0*   | .0    | .0*   | .0    | .0    | .0    | .0   | 1.0   | 5.1   |       |      |
| SSE         | .6   | .7            | .5    | .2   | .0*   | .0*   | .0*   | .0*   | .0    | .0    | .0    | .0   | 2.0   | 6.4   |       |      |
| S           | .9   | 1.9           | 2.8   | 2.0  | .5    | .2    | .1    | .0*   | .0*   | .0*   | .0    | .0   | 8.4   | 9.4   |       |      |
| SSW         | .4   | 2.0           | 3.4   | 3.1  | .9    | .3    | .1    | .0*   | .0*   | .0    | .0    | .0   | 10.4  | 10.5  |       |      |
| SW          | .4   | 1.1           | 1.5   | 1.3  | .5    | .1    | .0*   | .0*   | .0*   | .0*   | .0    | .0   | 5.0   | 10.2  |       |      |
| WSW         | .3   | .6            | .8    | .9   | .5    | .2    | .0*   | .0*   | .0*   | .0    | .0    | .0   | 3.3   | 11.2  |       |      |
| W           | .3   | .5            | .4    | .4   | .2    | .1    | .0*   | .0*   | .0*   | .0    | .0    | .0   | 1.9   | 9.6   |       |      |
| WNW         | .3   | .4            | .2    | .1   | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0   | 1.0   | 5.4   |       |      |
| NW          | .6   | 1.1           | .4    | .1   | .0*   | .0*   | .0*   | .0    | .0    | .0    | .0    | .0   | 2.2   | 5.7   |       |      |
| NNW         | .8   | 2.0           | 1.7   | 1.0  | .3    | .1    | .0*   | .0*   | .0*   | .0*   | .0    | .0   | 6.0   | 8.1   |       |      |
| VAR         | .0   | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | .0    | .0    |       |      |
| CUM         | .0   | .0            | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5.5   | .0    |       |      |
| ALL         | 12.0 | 23.1          | 27.1  | 22.5 | 7.1   | 2.2   | .4    | .1    | .0*   | .0*   | .0    | .0   | 100.0 | 8.8   |       |      |

TOTAL NO. OF OBS : 98764

NOTES :  
# = PERCENT < .05

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 0000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | >=10 | >=6  | >=5  | >=4  | >=3  | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      | >=1/4 | >=1/2 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0  |
|---------|------|------|------|------|------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|--------|-------|------|
| UNLIMIT | 22.0 | 42.1 | 47.0 | 51.6 | 56.6 | 57.0                       | 59.2 | 59.5 | 59.6 | 60.5 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7  | 60.7  | 60.7  | 60.7  | 60.7  | 60.7   | 60.7  | 60.7 |
| >=20000 | 22.2 | 43.2 | 47.3 | 52.0 | 57.2 | 57.6                       | 59.9 | 60.3 | 60.4 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4  | 61.4  | 61.4  | 61.4  | 61.4  | 61.4   | 61.4  | 61.4 |
| >=18000 | 22.2 | 43.4 | 47.5 | 52.2 | 57.4 | 57.8                       | 60.1 | 60.5 | 60.6 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6  | 61.6  | 61.6  | 61.6  | 61.6  | 61.6   | 61.6  | 61.6 |
| >=16000 | 22.2 | 43.4 | 47.5 | 52.2 | 57.4 | 57.8                       | 60.1 | 60.5 | 60.6 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6  | 61.6  | 61.6  | 61.6  | 61.6  | 61.6   | 61.6  | 61.6 |
| >=14000 | 22.2 | 43.4 | 47.5 | 52.2 | 57.4 | 57.8                       | 60.1 | 60.5 | 60.6 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6  | 61.6  | 61.6  | 61.6  | 61.6  | 61.6   | 61.6  | 61.6 |
| >=12000 | 22.4 | 43.9 | 48.1 | 53.0 | 58.3 | 58.7                       | 61.2 | 61.5 | 61.6 | 62.6 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8  | 62.8  | 62.8  | 62.8  | 62.8  | 62.8   | 62.8  | 62.8 |
| >=10000 | 23.3 | 45.6 | 49.8 | 54.8 | 60.5 | 61.1                       | 63.5 | 64.1 | 64.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4  | 65.4  | 65.4  | 65.4  | 65.4  | 65.4   | 65.4  | 65.4 |
| >= 9000 | 23.4 | 46.1 | 50.3 | 55.5 | 61.2 | 61.8                       | 64.2 | 64.9 | 65.0 | 66.0 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2  | 66.2  | 66.2  | 66.2  | 66.2  | 66.2   | 66.2  | 66.2 |
| >= 8000 | 24.4 | 48.7 | 53.2 | 58.7 | 64.5 | 65.3                       | 68.0 | 68.8 | 68.8 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3  | 70.3  | 70.3  | 70.3  | 70.3  | 70.3   | 70.3  | 70.3 |
| >= 7000 | 25.7 | 50.9 | 55.3 | 60.9 | 66.9 | 67.7                       | 70.4 | 71.2 | 71.2 | 72.5 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7  | 72.7  | 72.7  | 72.7  | 72.7  | 72.7   | 72.7  | 72.7 |
| >= 6000 | 26.1 | 51.3 | 55.8 | 61.3 | 67.5 | 68.3                       | 71.2 | 71.9 | 72.0 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5  | 73.5  | 73.5  | 73.5  | 73.5  | 73.5   | 73.5  | 73.5 |
| >= 5000 | 27.7 | 54.2 | 58.8 | 64.6 | 70.9 | 71.6                       | 74.7 | 75.9 | 76.0 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6  | 77.6  | 77.6  | 77.6  | 77.6  | 77.6   | 77.6  | 77.6 |
| >= 4500 | 28.3 | 55.1 | 59.8 | 65.8 | 72.0 | 72.9                       | 76.0 | 77.1 | 77.2 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8  | 78.8  | 78.8  | 78.8  | 78.8  | 78.8   | 78.8  | 78.8 |
| >= 4000 | 30.4 | 59.5 | 64.6 | 71.1 | 77.8 | 78.7                       | 81.6 | 83.3 | 83.4 | 84.9 | 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 |
| >= 3500 | 30.9 | 61.3 | 66.7 | 73.3 | 80.0 | 80.9                       | 84.1 | 85.6 | 85.7 | 87.3 | 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 |
| >= 3000 | 31.8 | 65.2 | 70.9 | 77.9 | 85.0 | 85.9                       | 89.2 | 90.9 | 91.0 | 92.7 | 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 |
| >= 2500 | 32.1 | 65.9 | 71.6 | 78.7 | 85.9 | 86.8                       | 90.2 | 92.0 | 92.1 | 93.8 | 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 |
| >= 2000 | 32.3 | 66.4 | 72.3 | 79.7 | 87.0 | 88.1                       | 91.6 | 93.5 | 93.6 | 95.4 | 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 |
| >= 1800 | 32.4 | 66.7 | 72.7 | 80.4 | 87.8 | 88.9                       | 92.6 | 94.5 | 94.7 | 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 |
| >= 1500 | 32.4 | 66.7 | 72.7 | 80.6 | 88.0 | 89.1                       | 92.8 | 94.9 | 95.0 | 97.1 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7  | 97.7  | 97.7  | 97.7  | 97.7  | 97.7   | 97.7  | 97.7 |
| >= 1200 | 32.4 | 67.3 | 73.3 | 81.2 | 88.7 | 89.8                       | 93.6 | 95.7 | 95.8 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.7  | 98.7  | 98.7  | 98.7  | 98.7   | 98.7  | 98.7 |
| >= 1000 | 32.7 | 67.3 | 73.5 | 81.2 | 88.9 | 90.1                       | 94.0 | 96.2 | 96.2 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2 |
| >= 800  | 32.7 | 67.3 | 73.5 | 81.3 | 88.9 | 90.1                       | 94.0 | 96.2 | 96.2 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2 |
| >= 700  | 32.7 | 67.3 | 73.5 | 81.3 | 88.9 | 90.1                       | 94.0 | 96.2 | 96.2 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2 |
| >= 600  | 32.7 | 67.3 | 73.5 | 81.3 | 88.9 | 90.1                       | 94.0 | 96.2 | 96.2 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2   | 99.2  | 99.2 |
| >= 500  | 32.7 | 67.3 | 73.5 | 81.3 | 88.9 | 90.2                       | 94.1 | 96.2 | 96.3 | 98.7 | 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 |
| >= 400  | 32.7 | 67.3 | 73.5 | 81.3 | 88.9 | 90.2                       | 94.1 | 96.2 | 96.3 | 98.7 | 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 |
| >= 300  | 32.7 | 67.3 | 73.5 | 81.3 | 88.9 | 90.2                       | 94.2 | 96.3 | 96.4 | 98.7 | 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 |
| >= 200  | 32.7 | 67.3 | 73.5 | 81.3 | 88.9 | 90.2                       | 94.2 | 96.3 | 96.5 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5   | 99.5  | 99.5 |
| >= 100  | 32.7 | 67.3 | 73.5 | 81.3 | 88.9 | 90.2                       | 94.2 | 96.3 | 96.5 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5   | 99.5  | 99.5 |
| >= 0    | 32.7 | 67.3 | 73.5 | 81.3 | 88.9 | 90.2                       | 94.2 | 96.3 | 96.5 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5  | 99.5  | 99.5  | 99.5  | 99.5  | 99.5   | 99.5  | 99.5 |

TOTAL NO. OF OBS : 1040

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 0300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 22.4                       | 42.8 | 47.6 | 52.7 | 58.1 | 58.6 | 60.8 | 61.7 | 61.8 | 62.3 |
| >=20000 | 22.5                       | 43.1 | 48.0 | 53.3 | 58.9 | 59.3 | 61.7 | 62.5 | 62.7 | 63.2 |
| >=18000 | 22.5                       | 43.1 | 48.0 | 53.4 | 59.0 | 59.4 | 61.8 | 62.6 | 62.8 | 63.3 |
| >=16000 | 22.5                       | 43.1 | 48.0 | 53.4 | 59.0 | 59.4 | 61.8 | 62.6 | 62.8 | 63.3 |
| >=14000 | 22.5                       | 43.1 | 48.0 | 53.5 | 59.1 | 59.5 | 61.8 | 62.7 | 62.9 | 63.4 |
| >=12000 | 22.9                       | 43.8 | 48.7 | 54.2 | 59.9 | 60.4 | 62.8 | 63.7 | 63.9 | 64.4 |
| >=10000 | 23.9                       | 45.8 | 50.9 | 56.5 | 62.2 | 62.7 | 65.3 | 66.3 | 66.5 | 67.0 |
| >= 9000 | 24.0                       | 46.1 | 51.3 | 56.9 | 62.8 | 63.3 | 65.9 | 66.9 | 67.1 | 67.5 |
| >= 8000 | 25.4                       | 48.9 | 54.4 | 60.5 | 66.8 | 67.3 | 70.4 | 71.5 | 71.7 | 72.3 |
| >= 7000 | 25.6                       | 49.7 | 55.4 | 61.5 | 67.8 | 68.4 | 71.7 | 72.7 | 72.9 | 73.5 |
| >= 6000 | 26.0                       | 50.2 | 56.0 | 62.2 | 68.7 | 69.3 | 72.5 | 73.7 | 73.9 | 74.5 |
| >= 5000 | 27.1                       | 53.0 | 58.9 | 65.5 | 72.2 | 72.7 | 76.1 | 77.4 | 77.6 | 78.1 |
| >= 4500 | 27.3                       | 53.4 | 59.2 | 66.2 | 73.0 | 73.6 | 77.0 | 78.2 | 78.4 | 79.0 |
| >= 4000 | 29.4                       | 57.9 | 64.5 | 71.8 | 79.4 | 80.1 | 83.4 | 84.7 | 84.9 | 85.6 |
| >= 3500 | 29.8                       | 59.8 | 66.7 | 74.0 | 81.7 | 82.4 | 85.8 | 87.1 | 87.3 | 88.1 |
| >= 3000 | 30.8                       | 63.6 | 70.7 | 78.8 | 86.6 | 87.3 | 91.1 | 92.6 | 92.8 | 93.6 |
| >= 2500 | 30.8                       | 64.1 | 71.2 | 79.4 | 87.5 | 88.2 | 92.2 | 93.6 | 93.8 | 94.7 |
| >= 2000 | 30.9                       | 64.5 | 71.8 | 80.3 | 88.5 | 89.2 | 93.3 | 94.8 | 95.0 | 96.1 |
| >= 1800 | 30.9                       | 64.5 | 71.8 | 80.4 | 88.7 | 89.4 | 93.4 | 95.0 | 95.2 | 96.2 |
| >= 1500 | 31.0                       | 64.8 | 72.2 | 80.9 | 89.3 | 90.1 | 94.1 | 95.7 | 95.9 | 97.1 |
| >= 1200 | 31.0                       | 65.0 | 72.4 | 81.1 | 89.5 | 90.3 | 94.3 | 95.9 | 96.1 | 97.3 |
| >= 1000 | 31.1                       | 65.4 | 72.7 | 81.5 | 90.2 | 91.1 | 95.2 | 96.7 | 96.9 | 98.3 |
| >= 900  | 31.1                       | 65.4 | 72.7 | 81.5 | 90.2 | 91.1 | 95.2 | 96.7 | 96.9 | 98.4 |
| >= 800  | 31.1                       | 65.4 | 72.7 | 81.6 | 90.4 | 91.3 | 95.4 | 96.9 | 97.1 | 98.6 |
| >= 700  | 31.1                       | 65.4 | 72.7 | 81.6 | 90.4 | 91.3 | 95.4 | 96.9 | 97.1 | 98.6 |
| >= 600  | 31.1                       | 65.4 | 72.8 | 81.7 | 90.5 | 91.4 | 95.5 | 97.0 | 97.2 | 98.7 |
| >= 500  | 31.1                       | 65.4 | 72.8 | 81.7 | 90.5 | 91.4 | 95.6 | 97.1 | 97.3 | 98.7 |
| >= 400  | 31.1                       | 65.4 | 72.8 | 81.7 | 90.5 | 91.4 | 95.6 | 97.1 | 97.3 | 98.8 |
| >= 300  | 31.1                       | 65.4 | 72.8 | 81.7 | 90.5 | 91.4 | 95.6 | 97.1 | 97.3 | 98.8 |
| >= 200  | 31.1                       | 65.4 | 72.8 | 81.7 | 90.5 | 91.4 | 95.6 | 97.1 | 97.3 | 98.8 |
| >= 100  | 31.1                       | 65.4 | 72.8 | 81.7 | 90.5 | 91.4 | 95.6 | 97.1 | 97.3 | 98.8 |
| >= 0    | 31.1                       | 65.4 | 72.8 | 81.7 | 90.5 | 91.4 | 95.6 | 97.1 | 97.3 | 98.8 |

TOTAL NO. OF OBS : 1038



## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 0600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 22.6                       | 43.2 | 48.7 | 52.7 | 56.5 | 56.7 | 59.0 | 59.6 | 59.6 | 60.0 |
| >=20000 | 22.8                       | 43.7 | 49.7 | 54.0 | 57.8 | 58.0 | 60.4 | 61.0 | 61.0 | 61.3 |
| >=18000 | 22.8                       | 43.7 | 49.7 | 54.0 | 57.9 | 58.1 | 60.5 | 61.1 | 61.1 | 61.4 |
| >=16000 | 22.8                       | 43.7 | 49.7 | 54.0 | 57.9 | 58.1 | 60.5 | 61.1 | 61.1 | 61.4 |
| >=14000 | 22.9                       | 43.8 | 49.9 | 54.2 | 58.2 | 58.4 | 60.8 | 61.3 | 61.3 | 61.7 |
| >=12000 | 22.9                       | 44.0 | 50.2 | 54.5 | 58.6 | 58.8 | 61.1 | 61.7 | 61.7 | 62.1 |
| >=10000 | 23.5                       | 45.9 | 52.8 | 57.3 | 61.4 | 61.6 | 64.1 | 64.7 | 64.7 | 65.1 |
| >= 9000 | 23.6                       | 46.5 | 53.4 | 58.0 | 62.3 | 62.5 | 65.0 | 65.6 | 65.6 | 65.9 |
| >= 8000 | 24.4                       | 48.4 | 55.7 | 60.7 | 65.6 | 65.8 | 68.4 | 69.2 | 69.2 | 69.6 |
| >= 7000 | 25.5                       | 50.2 | 57.6 | 62.9 | 67.8 | 68.1 | 70.7 | 71.5 | 71.5 | 72.2 |
| >= 6000 | 26.3                       | 51.4 | 58.8 | 64.0 | 69.1 | 69.4 | 72.0 | 72.7 | 72.7 | 73.3 |
| >= 5000 | 27.4                       | 53.8 | 61.3 | 67.0 | 72.3 | 72.7 | 75.3 | 76.2 | 76.2 | 76.8 |
| >= 4500 | 27.8                       | 54.8 | 62.4 | 68.2 | 73.8 | 74.2 | 76.8 | 77.7 | 77.7 | 78.4 |
| >= 4000 | 30.1                       | 60.2 | 68.1 | 74.2 | 80.1 | 80.6 | 83.3 | 84.1 | 84.1 | 84.9 |
| >= 3500 | 30.5                       | 61.6 | 69.8 | 75.9 | 81.9 | 82.4 | 85.1 | 85.9 | 85.9 | 86.7 |
| >= 3000 | 31.7                       | 66.1 | 74.7 | 81.2 | 88.3 | 88.3 | 91.1 | 92.2 | 92.2 | 93.0 |
| >= 2500 | 31.9                       | 67.0 | 75.9 | 82.4 | 89.2 | 89.9 | 92.6 | 93.7 | 93.7 | 94.5 |
| >= 2000 | 32.2                       | 67.9 | 76.9 | 83.6 | 90.8 | 91.5 | 94.4 | 95.4 | 95.4 | 96.5 |
| >= 1800 | 32.2                       | 67.9 | 76.9 | 83.6 | 90.8 | 91.5 | 94.4 | 95.4 | 95.4 | 96.5 |
| >= 1500 | 32.3                       | 68.2 | 77.3 | 84.1 | 91.6 | 92.2 | 95.2 | 96.5 | 96.5 | 97.6 |
| >= 1200 | 32.3                       | 68.3 | 77.4 | 84.2 | 91.7 | 92.3 | 95.3 | 96.6 | 96.6 | 97.7 |
| >= 1000 | 32.5                       | 68.8 | 77.9 | 84.8 | 92.3 | 93.0 | 96.1 | 97.3 | 97.3 | 98.7 |
| >= 900  | 32.5                       | 68.8 | 77.9 | 84.8 | 92.3 | 93.0 | 96.1 | 97.3 | 97.3 | 98.7 |
| >= 800  | 32.5                       | 68.8 | 77.9 | 84.9 | 92.4 | 93.1 | 96.4 | 97.7 | 97.7 | 99.0 |
| >= 700  | 32.5                       | 68.8 | 77.9 | 84.9 | 92.4 | 93.1 | 96.4 | 97.7 | 97.7 | 99.0 |
| >= 600  | 32.5                       | 68.8 | 77.9 | 84.9 | 92.4 | 93.1 | 96.4 | 97.7 | 97.7 | 99.0 |
| >= 500  | 32.5                       | 68.8 | 77.9 | 84.9 | 92.4 | 93.1 | 96.4 | 97.7 | 97.7 | 99.0 |
| >= 400  | 32.5                       | 68.8 | 77.9 | 84.9 | 92.4 | 93.1 | 96.4 | 97.7 | 97.7 | 99.0 |
| >= 300  | 32.5                       | 68.8 | 77.9 | 84.9 | 92.4 | 93.1 | 96.4 | 97.7 | 97.7 | 99.0 |
| >= 200  | 32.5                       | 68.8 | 77.9 | 84.9 | 92.4 | 93.1 | 96.4 | 97.7 | 97.7 | 99.0 |
| >= 100  | 32.5                       | 68.8 | 77.9 | 84.9 | 92.4 | 93.1 | 96.4 | 97.7 | 97.7 | 99.0 |
| >= D    | 32.5                       | 68.8 | 77.9 | 84.9 | 92.4 | 93.1 | 96.4 | 97.7 | 97.7 | 99.0 |

TOTAL NO. OF OBS : 1045

# 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 0900 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | 1/2  | >=1  |
| UNLIMIT | 15.9                       | 34.5 | 39.3 | 45.1 | 50.2 | 51.6 | 55.5 | 57.0 | 57.3 | 59.1 |
| >=20000 | 16.1                       | 35.6 | 40.5 | 46.6 | 51.9 | 53.7 | 57.8 | 59.4 | 59.7 | 61.7 |
| >=18000 | 16.1                       | 35.7 | 40.6 | 46.7 | 52.0 | 53.8 | 57.9 | 59.5 | 59.8 | 61.8 |
| >=16000 | 16.1                       | 35.8 | 40.7 | 46.8 | 52.1 | 53.9 | 58.0 | 59.6 | 59.9 | 61.9 |
| >=14000 | 16.2                       | 35.9 | 40.8 | 46.9 | 52.2 | 54.0 | 58.1 | 59.8 | 60.1 | 62.1 |
| >=12000 | 16.4                       | 36.2 | 41.3 | 47.8 | 53.3 | 55.2 | 59.5 | 61.3 | 61.6 | 63.6 |
| >=10000 | 17.1                       | 37.5 | 43.2 | 49.9 | 55.9 | 57.9 | 62.6 | 64.5 | 64.8 | 67.0 |
| >= 9000 | 17.1                       | 37.5 | 43.3 | 50.1 | 56.1 | 58.1 | 62.8 | 64.7 | 65.0 | 67.3 |
| >= 8000 | 17.4                       | 39.1 | 45.0 | 52.1 | 58.5 | 60.5 | 65.5 | 67.4 | 67.7 | 70.4 |
| >= 7000 | 17.4                       | 39.7 | 45.8 | 53.1 | 59.6 | 61.7 | 66.9 | 68.9 | 69.2 | 72.1 |
| >= 6000 | 17.7                       | 40.4 | 46.8 | 54.2 | 60.7 | 62.7 | 68.2 | 70.2 | 70.5 | 73.4 |
| >= 5000 | 18.8                       | 42.9 | 49.8 | 57.3 | 64.4 | 66.4 | 72.1 | 74.1 | 74.4 | 77.4 |
| >= 4500 | 19.1                       | 44.4 | 51.5 | 58.9 | 66.1 | 68.2 | 73.9 | 76.0 | 76.3 | 79.3 |
| >= 4000 | 20.1                       | 48.2 | 56.0 | 64.5 | 72.0 | 74.1 | 80.2 | 82.3 | 82.7 | 85.7 |
| >= 3500 | 20.5                       | 57.6 | 66.3 | 74.0 | 80.7 | 82.8 | 88.1 | 90.6 | 90.9 | 93.9 |
| >= 3000 | 21.0                       | 51.5 | 60.1 | 69.7 | 77.5 | 79.7 | 85.8 | 88.0 | 88.4 | 91.5 |
| >= 2500 | 21.3                       | 52.2 | 60.9 | 70.6 | 78.6 | 80.7 | 86.1 | 89.4 | 89.8 | 92.9 |
| >= 2000 | 21.3                       | 52.7 | 61.6 | 71.5 | 79.5 | 81.7 | 87.1 | 90.6 | 91.0 | 94.2 |
| >= 1800 | 21.3                       | 52.7 | 61.6 | 71.5 | 79.5 | 81.7 | 87.1 | 90.6 | 91.0 | 94.2 |
| >= 1500 | 21.3                       | 52.8 | 61.8 | 71.9 | 80.1 | 82.4 | 88.1 | 91.6 | 92.0 | 95.2 |
| >= 1200 | 21.3                       | 52.8 | 61.8 | 71.9 | 80.3 | 82.8 | 89.5 | 92.0 | 92.4 | 95.7 |
| >= 1000 | 21.3                       | 52.9 | 61.9 | 72.1 | 80.4 | 83.0 | 89.7 | 92.4 | 92.8 | 96.1 |
| >= 900  | 21.3                       | 52.9 | 61.9 | 72.1 | 80.4 | 83.0 | 89.7 | 92.4 | 92.8 | 96.1 |
| >= 800  | 21.3                       | 52.9 | 62.0 | 72.3 | 80.7 | 83.3 | 90.2 | 92.9 | 93.3 | 96.6 |
| >= 700  | 21.3                       | 52.9 | 62.0 | 72.3 | 80.7 | 83.3 | 90.2 | 92.9 | 93.3 | 96.6 |
| >= 600  | 21.3                       | 53.0 | 62.1 | 72.4 | 80.8 | 83.4 | 90.4 | 93.1 | 93.5 | 96.8 |
| >= 500  | 21.3                       | 53.0 | 62.1 | 72.5 | 81.0 | 83.6 | 90.6 | 93.3 | 93.7 | 97.1 |
| >= 400  | 21.3                       | 53.0 | 62.1 | 72.5 | 81.0 | 83.6 | 90.6 | 93.3 | 93.7 | 97.1 |
| >= 300  | 21.3                       | 53.0 | 62.1 | 72.6 | 81.1 | 83.7 | 90.7 | 93.4 | 93.8 | 97.2 |
| >= 200  | 21.3                       | 53.0 | 62.1 | 72.6 | 81.1 | 83.7 | 90.7 | 93.4 | 93.8 | 97.2 |
| >= 100  | 21.3                       | 53.0 | 62.1 | 72.6 | 81.1 | 83.7 | 90.7 | 93.4 | 93.8 | 97.2 |
| >= 0    | 21.3                       | 53.0 | 62.1 | 72.6 | 81.1 | 83.7 | 90.7 | 93.4 | 93.8 | 97.2 |

TOTAL NO. OF OBS : 1028

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 1200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |      |       |       |       |        |       |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
|         | >=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   |
| UNLIMIT | 18.1                       | 39.6 | 45.0 | 50.5 | 55.2 | 55.7    | 58.1 | 59.5    | 59.8    | 61.2 | 61.7  | 61.7  | 61.7  | 61.7   | 61.7  | 61.7  |
| >=20000 | 18.4                       | 40.8 | 46.6 | 52.4 | 57.3 | 58.0    | 60.4 | 62.1    | 62.4    | 63.8 | 64.3  | 64.3  | 64.3  | 64.3   | 64.3  | 64.3  |
| >=18000 | 18.4                       | 40.8 | 46.6 | 52.4 | 57.4 | 58.1    | 60.5 | 62.2    | 62.5    | 63.9 | 64.4  | 64.4  | 64.4  | 64.4   | 64.4  | 64.4  |
| >=16000 | 18.5                       | 40.9 | 46.7 | 52.5 | 57.5 | 58.2    | 60.6 | 62.3    | 62.6    | 64.0 | 64.5  | 64.5  | 64.5  | 64.5   | 64.5  | 64.5  |
| >=14000 | 18.6                       | 41.2 | 47.0 | 52.9 | 58.0 | 58.7    | 61.1 | 62.8    | 63.1    | 64.5 | 65.0  | 65.0  | 65.0  | 65.0   | 65.0  | 65.0  |
| >=12000 | 18.8                       | 41.5 | 47.4 | 53.4 | 58.5 | 59.2    | 61.8 | 63.6    | 63.8    | 65.5 | 66.0  | 66.0  | 66.1  | 66.1   | 66.1  | 66.1  |
| >=10000 | 19.3                       | 43.2 | 49.2 | 55.8 | 61.3 | 62.1    | 65.1 | 67.0    | 67.3    | 69.0 | 69.6  | 69.6  | 69.9  | 69.9   | 69.9  | 69.9  |
| >=9000  | 19.4                       | 43.6 | 49.7 | 56.4 | 61.9 | 62.7    | 65.8 | 67.6    | 68.0    | 69.8 | 70.4  | 70.4  | 70.7  | 70.7   | 70.7  | 70.7  |
| >=8000  | 19.8                       | 45.1 | 51.4 | 58.7 | 64.6 | 65.4    | 68.6 | 70.7    | 71.0    | 72.9 | 73.5  | 73.5  | 73.9  | 73.9   | 73.9  | 73.9  |
| >=7000  | 20.0                       | 45.8 | 52.2 | 59.7 | 65.8 | 66.8    | 70.2 | 72.5    | 72.9    | 74.8 | 75.4  | 75.4  | 75.8  | 75.8   | 75.8  | 75.8  |
| >=6000  | 20.2                       | 46.3 | 52.9 | 60.4 | 66.8 | 67.7    | 71.2 | 73.6    | 74.0    | 76.0 | 76.6  | 76.6  | 77.0  | 77.0   | 77.0  | 77.0  |
| >=5000  | 20.9                       | 48.4 | 55.2 | 63.4 | 69.8 | 70.7    | 74.5 | 77.1    | 77.5    | 79.8 | 80.5  | 80.5  | 80.9  | 80.9   | 80.9  | 80.9  |
| >=4500  | 21.1                       | 49.4 | 56.3 | 64.5 | 71.1 | 72.1    | 76.2 | 78.8    | 79.2    | 81.6 | 82.3  | 82.3  | 82.7  | 82.7   | 82.7  | 82.7  |
| >=4000  | 22.3                       | 51.7 | 59.2 | 67.6 | 74.5 | 75.9    | 80.3 | 83.0    | 83.5    | 86.0 | 86.7  | 86.7  | 87.3  | 87.3   | 87.3  | 87.3  |
| >=3500  | 22.6                       | 52.9 | 60.7 | 69.6 | 76.5 | 77.8    | 82.3 | 85.1    | 85.7    | 88.3 | 89.0  | 89.0  | 89.6  | 89.6   | 89.6  | 89.6  |
| >=3000  | 23.4                       | 54.9 | 62.9 | 72.6 | 80.0 | 81.4    | 86.1 | 89.0    | 89.7    | 92.3 | 93.3  | 93.3  | 93.9  | 93.9   | 93.9  | 93.9  |
| >=2500  | 23.6                       | 55.4 | 63.5 | 73.3 | 80.7 | 82.1    | 86.8 | 89.7    | 90.4    | 93.1 | 94.1  | 94.1  | 94.7  | 94.7   | 94.7  | 94.7  |
| >=2000  | 23.7                       | 55.8 | 63.8 | 73.9 | 81.4 | 83.1    | 87.9 | 90.8    | 91.4    | 94.4 | 95.3  | 95.3  | 96.0  | 96.1   | 96.1  | 96.1  |
| >=1800  | 23.7                       | 55.8 | 63.8 | 73.9 | 81.5 | 83.2    | 88.0 | 91.0    | 91.6    | 94.6 | 95.5  | 95.5  | 96.2  | 96.3   | 96.3  | 96.3  |
| >=1500  | 23.7                       | 56.0 | 64.0 | 74.5 | 82.3 | 84.0    | 88.9 | 91.8    | 92.6    | 95.6 | 96.6  | 96.6  | 97.3  | 97.4   | 97.4  | 97.4  |
| >=1200  | 23.7                       | 56.0 | 64.0 | 74.5 | 82.3 | 84.0    | 88.9 | 91.9    | 92.7    | 95.7 | 96.7  | 96.7  | 97.4  | 97.5   | 97.5  | 97.5  |
| >=1000  | 23.7                       | 56.0 | 64.0 | 74.7 | 82.7 | 84.4    | 89.5 | 92.6    | 93.4    | 96.4 | 97.4  | 97.4  | 98.2  | 98.3   | 98.3  | 98.3  |
| >=900   | 23.7                       | 56.0 | 64.0 | 74.7 | 82.7 | 84.4    | 89.5 | 92.6    | 93.4    | 96.4 | 97.4  | 97.4  | 98.2  | 98.3   | 98.3  | 98.3  |
| >=800   | 23.7                       | 56.0 | 64.1 | 75.0 | 83.0 | 84.7    | 90.0 | 93.1    | 94.0    | 97.0 | 98.1  | 98.1  | 98.8  | 98.9   | 99.0  | 99.0  |
| >=700   | 23.7                       | 56.0 | 64.1 | 75.0 | 83.1 | 84.7    | 90.0 | 93.2    | 94.1    | 97.1 | 98.2  | 98.2  | 98.9  | 99.0   | 99.1  | 99.1  |
| >=600   | 23.7                       | 56.0 | 64.2 | 75.1 | 83.1 | 84.8    | 90.1 | 93.3    | 94.2    | 97.2 | 98.3  | 98.3  | 99.0  | 99.1   | 99.2  | 99.2  |
| >=500   | 23.7                       | 56.0 | 64.4 | 75.4 | 83.5 | 85.2    | 90.5 | 93.7    | 94.6    | 97.8 | 98.8  | 98.8  | 99.7  | 99.8   | 99.9  | 99.9  |
| >=400   | 23.7                       | 56.0 | 64.4 | 75.4 | 83.5 | 85.2    | 90.5 | 93.7    | 94.6    | 97.8 | 98.8  | 98.8  | 99.7  | 99.8   | 99.9  | 99.9  |
| >=300   | 23.7                       | 56.0 | 64.4 | 75.4 | 83.5 | 85.2    | 90.5 | 93.7    | 94.7    | 97.9 | 98.9  | 98.9  | 99.8  | 99.9   | 100.0 | 100.0 |
| >=200   | 23.7                       | 56.0 | 64.4 | 75.4 | 83.5 | 85.2    | 90.5 | 93.7    | 94.7    | 97.9 | 98.9  | 98.9  | 99.8  | 99.9   | 100.0 | 100.0 |
| >=100   | 23.7                       | 56.0 | 64.4 | 75.4 | 83.5 | 85.2    | 90.5 | 93.7    | 94.7    | 97.9 | 98.9  | 98.9  | 99.8  | 99.9   | 100.0 | 100.0 |
| >=0     | 23.7                       | 56.0 | 64.4 | 75.4 | 83.5 | 85.2    | 90.5 | 93.7    | 94.7    | 97.9 | 98.9  | 98.9  | 99.8  | 99.9   | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1029

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 1500 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=2  | >=1  | 1/2  | >=1  | 1/4  | >=1  | >=3/4 | >=5/8 | >=1/2 |
| UNLIMIT | 26.4                       | 48.4 | 51.4 | 55.5 | 57.0 | 57.2 | 57.8 | 58.4 | 58.6 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9  | 58.9  | 58.9  |
| >=20000 | 26.9                       | 50.4 | 54.3 | 58.9 | 60.4 | 60.6 | 61.3 | 61.9 | 62.1 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4  | 62.4  | 62.4  |
| >=18000 | 26.9                       | 50.4 | 54.4 | 59.0 | 60.5 | 60.7 | 61.4 | 62.0 | 62.2 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5  | 62.5  | 62.5  |
| >=16000 | 26.9                       | 50.4 | 54.4 | 59.0 | 60.5 | 60.7 | 61.4 | 62.0 | 62.2 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5  | 62.5  | 62.5  |
| >=14000 | 27.0                       | 50.9 | 54.9 | 59.4 | 61.0 | 61.2 | 61.9 | 62.5 | 62.7 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1  | 63.1  | 63.1  |
| >=12000 | 27.6                       | 52.5 | 56.6 | 61.3 | 63.1 | 63.4 | 64.3 | 65.2 | 65.4 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8  | 65.8  | 65.8  |
| >=10000 | 28.4                       | 54.8 | 59.2 | 64.4 | 66.3 | 66.8 | 68.0 | 68.8 | 69.1 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6  | 69.6  | 69.6  |
| >=9000  | 28.5                       | 55.2 | 59.6 | 64.9 | 66.8 | 67.3 | 68.5 | 69.4 | 69.7 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2  | 70.2  | 70.2  |
| >=8000  | 29.1                       | 57.4 | 62.2 | 68.3 | 70.4 | 71.0 | 72.3 | 73.2 | 73.6 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2  | 74.2  | 74.2  |
| >=7000  | 29.6                       | 58.4 | 63.2 | 69.5 | 71.9 | 72.5 | 73.8 | 74.7 | 75.1 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8  | 75.8  | 75.8  |
| >=6000  | 29.7                       | 58.7 | 63.6 | 69.9 | 72.4 | 73.0 | 74.3 | 75.2 | 75.6 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4  | 76.4  | 76.4  |
| >=5000  | 30.7                       | 61.1 | 66.4 | 72.9 | 75.7 | 76.6 | 78.0 | 78.9 | 79.3 | 79.8 | 80.2 | 80.2 | 80.4 | 80.4  | 80.4  | 80.4  |
| >=4500  | 31.0                       | 62.3 | 67.6 | 74.2 | 77.0 | 77.8 | 79.5 | 80.5 | 80.9 | 81.4 | 81.8 | 82.0 | 82.0 | 82.0  | 82.0  | 82.0  |
| >=4000  | 32.7                       | 66.0 | 71.7 | 78.6 | 81.7 | 82.8 | 84.7 | 85.7 | 86.1 | 86.6 | 87.1 | 87.4 | 87.4 | 87.4  | 87.4  | 87.4  |
| >=3500  | 33.3                       | 67.4 | 73.2 | 80.2 | 83.4 | 84.5 | 86.4 | 87.3 | 87.7 | 88.3 | 88.9 | 89.2 | 89.2 | 89.2  | 89.2  | 89.2  |
| >=3000  | 34.2                       | 69.5 | 75.8 | 83.4 | 86.8 | 87.9 | 90.1 | 91.4 | 91.8 | 92.6 | 93.2 | 93.5 | 93.6 | 93.6  | 93.6  | 93.6  |
| >=2500  | 34.6                       | 70.1 | 76.5 | 84.1 | 87.7 | 88.8 | 91.0 | 92.4 | 92.9 | 93.7 | 94.3 | 94.7 | 94.8 | 94.8  | 94.8  | 94.8  |
| >=2000  | 34.8                       | 70.6 | 77.0 | 84.8 | 88.6 | 89.7 | 92.1 | 93.6 | 94.2 | 95.1 | 95.7 | 96.1 | 96.2 | 96.2  | 96.2  | 96.2  |
| >=1800  | 34.8                       | 70.6 | 77.0 | 84.8 | 88.6 | 89.7 | 92.1 | 93.6 | 94.2 | 95.1 | 95.7 | 96.1 | 96.2 | 96.2  | 96.2  | 96.2  |
| >=1500  | 35.1                       | 71.0 | 77.4 | 85.4 | 89.5 | 90.6 | 93.0 | 94.5 | 95.1 | 95.9 | 96.6 | 97.0 | 97.1 | 97.1  | 97.1  | 97.1  |
| >=1200  | 35.1                       | 71.2 | 77.6 | 85.7 | 89.8 | 90.9 | 93.4 | 95.0 | 95.5 | 96.4 | 97.1 | 97.5 | 97.6 | 97.6  | 97.6  | 97.6  |
| >=1000  | 35.3                       | 71.7 | 78.2 | 86.3 | 90.5 | 91.6 | 94.2 | 95.7 | 96.3 | 97.2 | 97.9 | 98.5 | 98.6 | 98.6  | 98.6  | 98.6  |
| >=900   | 35.3                       | 71.7 | 78.2 | 86.3 | 90.5 | 91.6 | 94.2 | 95.7 | 96.3 | 97.2 | 97.9 | 98.5 | 98.6 | 98.6  | 98.6  | 98.6  |
| >=800   | 35.3                       | 71.8 | 78.3 | 86.4 | 90.7 | 91.8 | 94.5 | 96.1 | 96.7 | 97.8 | 98.5 | 99.1 | 99.2 | 99.2  | 99.2  | 99.2  |
| >=700   | 35.3                       | 71.8 | 78.3 | 86.4 | 90.7 | 91.8 | 94.5 | 96.1 | 96.7 | 97.8 | 98.5 | 99.1 | 99.2 | 99.2  | 99.2  | 99.2  |
| >=600   | 35.3                       | 71.8 | 78.3 | 86.4 | 90.7 | 91.8 | 94.5 | 96.1 | 96.7 | 97.8 | 98.5 | 99.1 | 99.2 | 99.2  | 99.2  | 99.2  |
| >=500   | 35.3                       | 71.8 | 78.3 | 86.5 | 90.9 | 92.0 | 94.7 | 96.3 | 97.0 | 98.2 | 98.9 | 99.6 | 99.7 | 99.7  | 99.7  | 99.7  |
| >=400   | 35.3                       | 71.8 | 78.3 | 86.6 | 91.0 | 92.1 | 94.9 | 96.4 | 97.1 | 98.3 | 99.0 | 99.7 | 99.8 | 99.8  | 99.8  | 99.8  |
| >=300   | 35.3                       | 71.8 | 78.3 | 86.7 | 91.1 | 92.2 | 94.9 | 96.5 | 97.2 | 98.4 | 99.1 | 99.8 | 99.9 | 99.9  | 99.9  | 99.9  |
| >=200   | 35.3                       | 71.8 | 78.3 | 86.7 | 91.1 | 92.2 | 94.9 | 96.5 | 97.2 | 98.4 | 99.1 | 99.8 | 99.9 | 99.9  | 99.9  | 99.9  |
| >=100   | 35.3                       | 71.8 | 78.3 | 86.7 | 91.1 | 92.2 | 94.9 | 96.5 | 97.2 | 98.4 | 99.1 | 99.8 | 99.9 | 99.9  | 99.9  | 99.9  |
| >=0     | 35.3                       | 71.8 | 78.3 | 86.7 | 91.1 | 92.2 | 94.9 | 96.5 | 97.2 | 98.4 | 99.1 | 99.8 | 99.9 | 99.9  | 99.9  | 99.9  |

TOTAL NO. OF OBS : 1011

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 1800 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |      |       |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1  | >=1/4 |
| UNLIMIT | 25.9                       | 50.5 | 53.7 | 56.7 | 57.9 | 58.1    | 59.1 | 59.4    | 59.8 | 59.9  |
| >=20000 | 26.2                       | 51.9 | 55.5 | 58.5 | 59.6 | 59.9    | 61.0 | 61.3    | 61.8 | 61.9  |
| >=18000 | 26.2                       | 52.0 | 55.6 | 58.7 | 59.8 | 60.1    | 61.2 | 61.5    | 62.0 | 62.1  |
| >=16000 | 26.3                       | 52.1 | 55.7 | 59.0 | 60.1 | 60.4    | 61.5 | 61.8    | 62.3 | 62.4  |
| >=14000 | 26.4                       | 52.4 | 55.9 | 59.3 | 60.4 | 60.7    | 61.8 | 62.1    | 62.6 | 62.7  |
| >=12000 | 26.6                       | 53.1 | 56.9 | 60.3 | 61.7 | 62.0    | 63.2 | 63.5    | 64.0 | 64.1  |
| >=10000 | 27.3                       | 54.5 | 58.8 | 62.4 | 64.0 | 64.3    | 65.6 | 65.9    | 66.5 | 66.7  |
| >=9000  | 27.5                       | 55.0 | 59.4 | 63.0 | 64.7 | 65.0    | 66.3 | 66.7    | 67.3 | 67.4  |
| >=8000  | 28.8                       | 58.2 | 62.6 | 66.9 | 68.6 | 68.9    | 70.4 | 71.0    | 71.6 | 71.7  |
| >=7000  | 29.3                       | 59.2 | 63.5 | 67.9 | 70.0 | 70.3    | 71.7 | 72.3    | 73.0 | 73.1  |
| >=6000  | 29.5                       | 59.5 | 63.8 | 68.3 | 70.4 | 70.7    | 72.3 | 72.9    | 73.6 | 73.7  |
| >=5000  | 30.7                       | 61.6 | 66.2 | 71.0 | 73.0 | 73.3    | 75.0 | 75.6    | 76.3 | 76.4  |
| >=4500  | 31.0                       | 62.0 | 66.6 | 71.5 | 73.6 | 73.9    | 75.7 | 76.3    | 77.0 | 77.1  |
| >=4000  | 34.1                       | 67.7 | 72.5 | 78.1 | 80.3 | 80.6    | 82.5 | 83.2    | 84.1 | 84.3  |
| >=3500  | 35.0                       | 69.8 | 74.7 | 80.4 | 82.9 | 83.2    | 85.1 | 85.9    | 86.7 | 86.9  |
| >=3000  | 37.1                       | 74.1 | 79.2 | 85.5 | 88.0 | 88.4    | 90.4 | 91.2    | 92.5 | 92.8  |
| >=2500  | 37.4                       | 74.8 | 80.0 | 86.3 | 88.9 | 89.4    | 91.5 | 92.4    | 93.8 | 94.1  |
| >=2000  | 37.5                       | 75.3 | 80.7 | 87.0 | 89.9 | 90.4    | 92.8 | 93.8    | 95.2 | 95.6  |
| >=1800  | 37.5                       | 75.3 | 80.7 | 87.0 | 89.9 | 90.4    | 92.8 | 93.8    | 95.2 | 95.6  |
| >=1500  | 37.7                       | 75.7 | 81.1 | 87.7 | 90.6 | 91.1    | 93.8 | 94.7    | 96.4 | 96.9  |
| >=1200  | 37.7                       | 75.7 | 81.1 | 87.7 | 90.7 | 91.2    | 93.9 | 94.9    | 96.6 | 97.2  |
| >=1000  | 37.8                       | 76.1 | 81.7 | 88.4 | 91.6 | 92.2    | 94.8 | 95.9    | 97.9 | 98.5  |
| >=900   | 37.8                       | 76.2 | 81.8 | 88.5 | 91.7 | 92.3    | 94.9 | 96.0    | 98.0 | 98.6  |
| >=800   | 37.8                       | 76.2 | 81.8 | 88.5 | 91.7 | 92.3    | 94.9 | 96.1    | 98.1 | 98.7  |
| >=700   | 37.8                       | 76.2 | 81.8 | 88.5 | 91.7 | 92.3    | 94.9 | 96.1    | 98.1 | 98.7  |
| >=600   | 37.8                       | 76.2 | 81.8 | 88.5 | 91.8 | 92.4    | 95.0 | 96.2    | 98.1 | 98.8  |
| >=500   | 37.8                       | 76.2 | 81.8 | 88.6 | 91.9 | 92.5    | 95.1 | 96.3    | 98.2 | 98.9  |
| >=400   | 37.8                       | 76.2 | 81.8 | 88.6 | 91.9 | 92.5    | 95.1 | 96.3    | 98.2 | 98.9  |
| >=300   | 37.8                       | 76.2 | 81.8 | 88.6 | 91.9 | 92.5    | 95.2 | 96.4    | 98.4 | 99.1  |
| >=200   | 37.8                       | 76.2 | 81.8 | 88.6 | 91.9 | 92.5    | 95.2 | 96.4    | 98.4 | 99.1  |
| >=100   | 37.8                       | 76.2 | 81.8 | 88.7 | 92.0 | 92.6    | 95.3 | 96.5    | 98.5 | 99.2  |
| >= 0    | 37.8                       | 76.2 | 81.8 | 88.7 | 92.0 | 92.6    | 95.3 | 96.5    | 98.5 | 99.2  |

TOTAL NO. OF OBS : 1026

## 2 - CEILING VS VISIBILITY

043323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : 2100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |       |       |        |        |        |         |         |         |          |          |          |          |           |           |           |
|---------|----------------------------|-------|-------|--------|--------|--------|---------|---------|---------|----------|----------|----------|----------|-----------|-----------|-----------|
|         | >=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 | >=1/8 | >=1/16 | >=1/32 | >=1/64 | >=1/128 | >=1/256 | >=1/512 | >=1/1024 | >=1/2048 | >=1/4096 | >=1/8192 | >=1/16384 | >=1/32768 | >=1/65536 |
| UNLIMIT | 24.6                       | 48.1  | 51.5  | 55.4   | 57.9   | 58.1   | 59.1    | 59.7    | 59.7    | 59.7     | 60.1     | 60.2     | 60.2     | 60.2      | 60.2      | 60.3      |
| >=20000 | 25.1                       | 49.0  | 52.4  | 56.5   | 59.2   | 59.4   | 60.9    | 61.4    | 61.4    | 61.4     | 61.9     | 62.0     | 62.0     | 62.0      | 62.0      | 62.1      |
| >=18000 | 25.1                       | 49.2  | 52.6  | 56.7   | 59.4   | 59.6   | 61.0    | 61.6    | 61.6    | 61.6     | 62.1     | 62.2     | 62.2     | 62.2      | 62.2      | 62.3      |
| >=16000 | 25.1                       | 49.2  | 52.6  | 56.7   | 59.4   | 59.6   | 61.0    | 61.6    | 61.6    | 61.6     | 62.1     | 62.2     | 62.2     | 62.2      | 62.2      | 62.3      |
| >=14000 | 25.2                       | 49.4  | 52.8  | 56.9   | 59.6   | 59.8   | 61.3    | 61.9    | 61.9    | 61.9     | 62.4     | 62.5     | 62.5     | 62.5      | 62.5      | 62.6      |
| >=12000 | 25.4                       | 50.0  | 53.5  | 57.6   | 60.5   | 60.8   | 62.3    | 62.9    | 62.9    | 62.9     | 63.4     | 63.5     | 63.5     | 63.5      | 63.5      | 63.6      |
| >=10000 | 26.2                       | 51.5  | 55.1  | 59.3   | 62.3   | 62.6   | 64.3    | 65.0    | 65.0    | 65.0     | 65.5     | 65.6     | 65.6     | 65.6      | 65.7      | 65.7      |
| >=9000  | 26.4                       | 52.1  | 55.8  | 60.0   | 63.0   | 63.3   | 65.0    | 65.8    | 65.8    | 65.8     | 66.3     | 66.4     | 66.4     | 66.4      | 66.5      | 66.5      |
| >=8000  | 27.8                       | 54.8  | 58.7  | 63.4   | 66.8   | 67.2   | 69.0    | 69.9    | 69.9    | 69.9     | 70.3     | 70.4     | 70.4     | 70.4      | 70.5      | 70.6      |
| >=7000  | 28.7                       | 56.2  | 60.2  | 64.9   | 68.5   | 68.9   | 70.7    | 71.6    | 71.6    | 71.6     | 72.3     | 72.5     | 72.5     | 72.5      | 72.6      | 72.7      |
| >=6000  | 29.0                       | 56.9  | 60.9  | 65.8   | 69.4   | 69.8   | 71.6    | 72.6    | 72.6    | 72.6     | 73.3     | 73.4     | 73.4     | 73.4      | 73.5      | 73.6      |
| >=5000  | 31.0                       | 60.1  | 64.3  | 69.6   | 73.4   | 73.8   | 75.8    | 76.8    | 76.8    | 76.8     | 77.7     | 77.9     | 77.9     | 77.9      | 78.1      | 78.2      |
| >=4500  | 31.3                       | 60.5  | 64.7  | 70.1   | 74.0   | 74.4   | 76.5    | 77.5    | 77.5    | 77.5     | 78.4     | 78.6     | 78.6     | 78.6      | 78.8      | 78.9      |
| >=4000  | 33.5                       | 65.3  | 70.1  | 75.6   | 79.8   | 80.3   | 82.5    | 83.9    | 83.9    | 83.9     | 85.0     | 85.2     | 85.2     | 85.4      | 85.4      | 85.5      |
| >=3500  | 34.1                       | 67.5  | 72.3  | 77.8   | 82.1   | 82.6   | 84.8    | 86.2    | 86.2    | 86.2     | 87.4     | 87.6     | 87.6     | 87.8      | 87.8      | 87.9      |
| >=3000  | 35.2                       | 71.3  | 76.2  | 82.3   | 86.5   | 87.0   | 89.2    | 90.9    | 91.0    | 91.0     | 92.2     | 92.4     | 92.4     | 92.6      | 92.6      | 92.7      |
| >=2500  | 35.3                       | 71.8  | 76.6  | 82.8   | 87.2   | 87.7   | 90.1    | 91.9    | 92.0    | 92.0     | 93.2     | 93.5     | 93.5     | 93.7      | 93.7      | 93.8      |
| >=2000  | 35.6                       | 72.5  | 77.4  | 83.9   | 88.5   | 89.1   | 91.8    | 93.6    | 93.7    | 93.7     | 95.0     | 95.3     | 95.3     | 95.5      | 95.5      | 95.6      |
| >=1800  | 35.6                       | 72.5  | 77.4  | 83.9   | 88.5   | 89.1   | 91.8    | 93.6    | 93.7    | 93.7     | 95.0     | 95.3     | 95.3     | 95.5      | 95.5      | 95.6      |
| >=1500  | 35.7                       | 72.8  | 77.9  | 84.8   | 89.6   | 90.4   | 93.1    | 95.0    | 95.1    | 95.1     | 96.4     | 96.7     | 96.8     | 97.0      | 97.0      | 97.1      |
| >=1200  | 35.8                       | 73.0  | 78.2  | 85.2   | 90.0   | 90.8   | 93.5    | 95.3    | 95.4    | 95.4     | 96.8     | 97.1     | 97.2     | 97.4      | 97.4      | 97.5      |
| >=1000  | 35.9                       | 73.2  | 78.6  | 85.8   | 90.8   | 91.7   | 94.4    | 96.3    | 96.4    | 96.4     | 98.0     | 98.4     | 98.5     | 98.7      | 98.7      | 98.8      |
| >=900   | 35.9                       | 73.3  | 78.7  | 85.9   | 90.9   | 91.8   | 94.5    | 96.4    | 96.5    | 96.5     | 98.1     | 98.5     | 98.6     | 98.8      | 98.8      | 98.9      |
| >=800   | 35.9                       | 73.3  | 78.7  | 85.9   | 91.0   | 91.9   | 94.6    | 96.5    | 96.6    | 96.6     | 98.3     | 98.7     | 98.8     | 99.2      | 99.2      | 99.3      |
| >=700   | 35.9                       | 73.4  | 78.8  | 86.0   | 91.1   | 92.0   | 94.7    | 96.6    | 96.7    | 96.7     | 98.4     | 98.9     | 99.0     | 99.4      | 99.4      | 99.5      |
| >=600   | 35.9                       | 73.4  | 78.8  | 86.0   | 91.1   | 92.0   | 94.7    | 96.6    | 96.7    | 96.7     | 98.4     | 98.9     | 99.0     | 99.4      | 99.4      | 99.5      |
| >=500   | 35.9                       | 73.4  | 78.8  | 86.0   | 91.1   | 92.0   | 94.7    | 96.6    | 96.8    | 96.8     | 98.4     | 99.0     | 99.1     | 99.5      | 99.5      | 99.6      |
| >=400   | 35.9                       | 73.4  | 78.8  | 86.0   | 91.1   | 92.0   | 94.7    | 96.6    | 96.8    | 96.8     | 98.4     | 99.0     | 99.1     | 99.5      | 99.5      | 99.6      |
| >=300   | 35.9                       | 73.4  | 78.8  | 86.0   | 91.1   | 92.0   | 94.8    | 96.8    | 96.9    | 96.9     | 98.6     | 99.2     | 99.3     | 99.7      | 99.7      | 99.8      |
| >=200   | 35.9                       | 73.4  | 78.8  | 86.0   | 91.1   | 92.0   | 94.8    | 96.8    | 96.9    | 96.9     | 98.6     | 99.2     | 99.3     | 99.8      | 99.8      | 100.0     |
| >=100   | 35.9                       | 73.4  | 78.8  | 86.0   | 91.1   | 92.0   | 94.8    | 96.8    | 96.9    | 96.9     | 98.6     | 99.2     | 99.3     | 99.8      | 99.8      | 100.0     |
| >=0     | 35.9                       | 73.4  | 78.8  | 86.0   | 91.1   | 92.0   | 94.8    | 96.8    | 96.9    | 96.9     | 98.6     | 99.2     | 99.3     | 99.8      | 99.8      | 100.0     |

TOTAL NO. OF OBS : 1032

## 2 - CEILING VS VISIBILITY

U43323 : YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : DEC  
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |      |      |      |       |       |
|---------|----------------------------|------|------|------|------|------|------|------|-------|-------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2  | 1/2  | >=1  | >=1/2 | >=1/4 |
| UNLIMIT | 22.2                       | 43.7 | 48.0 | 52.5 | 56.2 | 56.6 | 58.6 | 59.3 | 59.5  | 60.2  |
| >=20000 | 22.5                       | 44.7 | 49.3 | 54.0 | 57.8 | 58.3 | 60.4 | 61.2 | 61.4  | 62.2  |
| >=18000 | 22.5                       | 44.8 | 49.4 | 54.1 | 57.9 | 58.5 | 60.6 | 61.4 | 61.5  | 62.3  |
| >=16000 | 22.5                       | 44.8 | 49.4 | 54.2 | 58.0 | 58.5 | 60.6 | 61.4 | 61.6  | 62.4  |
| >=14000 | 22.6                       | 45.0 | 49.6 | 54.4 | 58.2 | 58.8 | 60.9 | 61.7 | 61.8  | 62.6  |
| >=12000 | 22.9                       | 45.6 | 50.3 | 55.2 | 59.2 | 59.8 | 62.0 | 62.9 | 63.0  | 63.9  |
| >=10000 | 23.6                       | 47.3 | 52.4 | 57.5 | 61.7 | 62.4 | 64.8 | 65.8 | 65.9  | 66.8  |
| >= 9000 | 23.7                       | 47.8 | 52.8 | 58.1 | 62.3 | 63.0 | 65.4 | 66.4 | 66.6  | 67.5  |
| >= 8000 | 24.6                       | 50.1 | 55.4 | 61.1 | 65.7 | 66.4 | 69.1 | 70.2 | 70.3  | 71.4  |
| >= 7000 | 25.2                       | 51.2 | 56.6 | 62.5 | 67.3 | 68.0 | 70.8 | 71.9 | 72.1  | 73.2  |
| >= 6000 | 25.6                       | 51.8 | 57.3 | 63.3 | 68.1 | 68.8 | 71.7 | 72.8 | 73.0  | 74.2  |
| >= 5000 | 26.8                       | 54.4 | 60.1 | 66.4 | 71.5 | 72.2 | 75.2 | 76.5 | 76.7  | 77.9  |
| >= 4500 | 27.1                       | 55.2 | 61.0 | 67.4 | 72.6 | 73.4 | 76.4 | 77.8 | 77.9  | 79.2  |
| >= 4000 | 29.1                       | 59.5 | 65.8 | 72.7 | 78.2 | 79.1 | 82.3 | 83.8 | 84.0  | 85.4  |
| >= 3500 | 29.6                       | 61.2 | 67.7 | 74.7 | 80.3 | 81.2 | 84.5 | 85.9 | 86.1  | 87.6  |
| >= 3000 | 30.7                       | 64.5 | 71.3 | 78.9 | 84.8 | 85.7 | 89.2 | 90.8 | 91.0  | 92.6  |
| >= 2500 | 30.9                       | 65.1 | 72.0 | 79.7 | 85.7 | 86.7 | 90.2 | 91.9 | 92.2  | 93.7  |
| >= 2000 | 31.0                       | 65.7 | 72.7 | 80.6 | 86.8 | 87.8 | 91.5 | 93.2 | 93.5  | 95.2  |
| >= 1800 | 31.0                       | 65.7 | 72.7 | 80.6 | 86.8 | 87.9 | 91.6 | 93.3 | 93.6  | 95.3  |
| >= 1500 | 31.2                       | 66.0 | 73.1 | 81.2 | 87.6 | 88.7 | 92.5 | 94.3 | 94.6  | 96.4  |
| >= 1200 | 31.2                       | 66.1 | 73.1 | 81.4 | 87.8 | 88.9 | 92.7 | 94.6 | 94.9  | 96.7  |
| >= 1000 | 31.3                       | 66.4 | 73.5 | 81.8 | 88.4 | 89.6 | 93.4 | 95.3 | 95.6  | 97.6  |
| >= 900  | 31.3                       | 66.4 | 73.6 | 81.9 | 88.4 | 89.6 | 93.5 | 95.4 | 95.7  | 97.6  |
| >= 800  | 31.3                       | 66.5 | 73.6 | 82.0 | 88.6 | 89.8 | 93.7 | 95.7 | 96.0  | 98.0  |
| >= 700  | 31.3                       | 66.5 | 73.6 | 82.0 | 88.6 | 89.8 | 93.8 | 95.7 | 96.0  | 98.0  |
| >= 600  | 31.3                       | 66.5 | 73.7 | 82.0 | 88.7 | 89.9 | 93.8 | 95.8 | 96.1  | 98.1  |
| >= 500  | 31.3                       | 66.5 | 73.7 | 82.1 | 88.8 | 90.0 | 94.0 | 95.9 | 96.2  | 98.3  |
| >= 400  | 31.3                       | 66.5 | 73.7 | 82.1 | 88.8 | 90.0 | 94.0 | 95.9 | 96.3  | 98.3  |
| >= 300  | 31.3                       | 66.5 | 73.7 | 82.2 | 88.8 | 90.0 | 94.0 | 96.0 | 96.3  | 98.4  |
| >= 200  | 31.3                       | 66.5 | 73.7 | 82.2 | 88.8 | 90.0 | 94.0 | 96.0 | 96.3  | 98.4  |
| >= 100  | 31.3                       | 66.5 | 73.7 | 82.2 | 88.8 | 90.0 | 94.0 | 96.0 | 96.4  | 98.4  |
| >= 0    | 31.3                       | 66.5 | 73.7 | 82.2 | 88.8 | 90.0 | 94.0 | 96.0 | 96.4  | 98.4  |

TOTAL NO. OF OBS : 8249

## 2 - CEILING VS VISIBILITY

G43323 : YOKOSUKA JAPAN  
PERIOD OF RECORD : 1953-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : ANN  
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) |      |      |      |      |         |      |         |         |      |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|
|         | >=10                       | >=6  | >=5  | >=4  | >=3  | >=2 1/2 | >=2  | >=1 1/2 | >=1 1/4 | >=1  |
| UNLIMIT | 16.7                       | 32.6 | 35.0 | 37.2 | 38.7 | 39.0    | 39.9 | 40.3    | 40.3    | 40.6 |
| >=20000 | 17.6                       | 35.6 | 38.4 | 40.9 | 42.6 | 42.9    | 43.8 | 44.3    | 44.3    | 44.6 |
| >=18000 | 17.7                       | 35.7 | 38.5 | 41.1 | 42.7 | 43.1    | 44.0 | 44.5    | 44.5    | 44.8 |
| >=16000 | 17.7                       | 35.8 | 38.6 | 41.2 | 42.9 | 43.2    | 44.1 | 44.6    | 44.7    | 45.0 |
| >=14000 | 18.1                       | 36.5 | 39.4 | 41.9 | 43.7 | 44.1    | 45.0 | 45.5    | 45.5    | 45.8 |
| >=12000 | 19.0                       | 38.2 | 41.2 | 43.9 | 45.8 | 46.2    | 47.2 | 47.7    | 47.8    | 48.1 |
| >=10000 | 20.5                       | 41.7 | 45.1 | 48.1 | 50.2 | 50.7    | 51.9 | 52.5    | 52.6    | 52.9 |
| >= 9000 | 20.8                       | 42.4 | 45.9 | 49.0 | 51.1 | 51.6    | 52.8 | 53.4    | 53.5    | 53.9 |
| >= 8000 | 22.3                       | 46.0 | 49.8 | 53.4 | 55.8 | 56.3    | 57.7 | 58.4    | 58.4    | 58.9 |
| >= 7000 | 23.0                       | 47.5 | 51.5 | 55.2 | 57.7 | 58.3    | 59.8 | 60.5    | 60.6    | 61.0 |
| >= 6000 | 23.4                       | 48.2 | 52.3 | 56.0 | 58.6 | 59.2    | 60.7 | 61.4    | 61.5    | 62.0 |
| >= 5000 | 24.1                       | 50.8 | 55.1 | 59.1 | 61.9 | 62.5    | 64.1 | 64.9    | 65.0    | 65.6 |
| >= 4000 | 25.1                       | 51.7 | 56.0 | 60.1 | 62.9 | 63.5    | 65.1 | 65.9    | 66.0    | 66.6 |
| >= 3500 | 27.0                       | 56.2 | 61.0 | 65.5 | 68.6 | 69.3    | 71.0 | 71.9    | 72.0    | 72.7 |
| >= 3000 | 27.7                       | 57.9 | 62.9 | 67.5 | 70.7 | 71.5    | 73.3 | 74.2    | 74.3    | 75.0 |
| >= 2500 | 29.2                       | 62.3 | 67.8 | 73.0 | 76.6 | 77.4    | 79.5 | 80.6    | 80.7    | 81.5 |
| >= 2000 | 29.9                       | 63.8 | 69.5 | 75.0 | 78.7 | 79.6    | 81.8 | 82.9    | 83.1    | 83.9 |
| >= 1800 | 30.5                       | 65.6 | 71.6 | 77.4 | 81.5 | 82.5    | 84.9 | 86.2    | 86.4    | 87.3 |
| >= 1500 | 31.0                       | 66.9 | 73.2 | 79.4 | 83.8 | 84.9    | 87.5 | 89.0    | 89.2    | 90.3 |
| >= 1200 | 31.2                       | 67.2 | 73.6 | 79.8 | 84.3 | 85.4    | 88.1 | 89.6    | 89.8    | 90.9 |
| >= 1000 | 31.4                       | 68.2 | 74.8 | 81.5 | 86.4 | 87.5    | 90.5 | 92.2    | 92.4    | 93.8 |
| >= 900  | 31.4                       | 68.3 | 74.9 | 81.5 | 86.4 | 87.6    | 90.6 | 92.3    | 92.5    | 94.0 |
| >= 800  | 31.6                       | 68.7 | 75.4 | 82.3 | 87.4 | 88.7    | 91.9 | 93.7    | 94.0    | 95.6 |
| >= 700  | 31.6                       | 68.8 | 75.6 | 82.5 | 87.7 | 88.9    | 92.2 | 94.0    | 94.3    | 96.0 |
| >= 600  | 31.6                       | 68.9 | 75.7 | 82.7 | 87.9 | 89.2    | 92.6 | 94.5    | 94.8    | 96.5 |
| >= 500  | 31.7                       | 69.1 | 75.9 | 83.0 | 88.4 | 89.7    | 93.1 | 95.1    | 95.5    | 97.3 |
| >= 400  | 31.7                       | 69.1 | 76.0 | 83.1 | 88.5 | 89.8    | 93.3 | 95.4    | 95.7    | 97.5 |
| >= 300  | 31.7                       | 69.2 | 76.0 | 83.1 | 88.6 | 89.9    | 93.5 | 95.5    | 95.8    | 97.7 |
| >= 200  | 31.7                       | 69.2 | 76.0 | 83.2 | 88.6 | 89.9    | 93.5 | 95.6    | 95.9    | 97.8 |
| >= 100  | 31.7                       | 69.2 | 76.1 | 83.2 | 88.6 | 89.9    | 93.5 | 95.6    | 95.9    | 97.8 |
| >= 0    | 31.7                       | 69.2 | 76.1 | 83.2 | 88.6 | 89.9    | 93.5 | 95.6    | 95.9    | 97.8 |

TOTAL NO. OF OBS : 95607



U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JAN  
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| DRY-BULB<br>TEMP.<br>(DEG F) | 0   | 1-2  | 3-4  | 5-6  | 7-8  | % FREQ. | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL<br>O.B./<br>W.B. | DRY<br>BULB | WET<br>BULB | DEW<br>PT. | TOTAL OBS |
|------------------------------|-----|------|------|------|------|---------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------------------------|-------------|-------------|------------|-----------|
| >= 67                        | .0  | .0   | .0   | .0   | .0*  | .0*     | .0*  | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3                      | 3           | 0           | 0          | 0         |
| >= 65                        | .0  | .0   | .0   | .0*  | .0*  | .0      | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3                      | 3           | 0           | 0          | 0         |
| >= 63                        | .0  | .0*  | .1   | .0*  | .0*  | .0      | .0*  | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 24                     | 24          | 0           | 0          | 0         |
| >= 61                        | .0  | .1   | .1   | .1   | .1   | .1      | .0*  | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 37                     | 37          | 5           | 3          | 3         |
| >= 59                        | .0* | .0*  | .1   | .1   | .1   | .1      | .1   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 48                     | 48          | 16          | 8          | 8         |
| >= 57                        | .0* | .1   | .1   | .1   | .2   | .2      | .2   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 68                     | 68          | 13          | 8          | 8         |
| >= 55                        | .0* | .2   | .2   | .3   | .3   | .3      | .4   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 120                    | 120         | 33          | 15         | 15        |
| >= 53                        | .0* | .1   | .2   | .4   | .5   | .5      | .6   | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 172                    | 172         | 53          | 25         | 25        |
| >= 51                        | .0* | .2   | .5   | .7   | .9   | .9      | .8   | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 272                    | 272         | 50          | 27         | 27        |
| >= 49                        | .0* | .3   | .5   | 1.2  | 1.8  | 1.2     | 1.2  | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 432                    | 432         | 114         | 50         | 50        |
| >= 47                        | .1  | .7   | 1.1  | 2.3  | 2.2  | 1.2     | 1.2  | .3    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 649                    | 649         | 171         | 50         | 50        |
| >= 45                        | .3  | 1.2  | 2.4  | 3.5  | 3.6  | 1.4     | 1.4  | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1024                   | 1024        | 317         | 106        | 106       |
| >= 43                        | .3  | 1.2  | 2.6  | 4.3  | 2.6  | .9      | .0*  | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 976                    | 976         | 515         | 172        | 172       |
| >= 41                        | .5  | 1.8  | 3.5  | 4.6  | 2.6  | .5      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1100                   | 1100        | 789         | 248        | 248       |
| >= 39                        | .6  | 1.8  | 3.6  | 5.3  | 1.8  | .1      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1079                   | 1079        | 1024        | 351        | 351       |
| >= 37                        | .8  | 1.8  | 3.2  | 4.3  | .8   | .0*     | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 895                    | 895         | 1252        | 471        | 471       |
| >= 35                        | .5  | 1.0  | 3.2  | 2.8  | .3   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 640                    | 640         | 1237        | 588        | 588       |
| >= 33                        | .3  | 1.1  | 2.4  | 1.2  | .1   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 413                    | 413         | 1077        | 676        | 676       |
| >= 31                        | .2  | .7   | .7   | .2   | .1   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 159                    | 159         | 863         | 711        | 711       |
| >= 29                        | .0* | .3   | .2   | .1   | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 54                     | 54          | 466         | 805        | 805       |
| >= 27                        | .0  | .1   | .0*  | .0*  | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 11                     | 11          | 137         | 979        | 979       |
| >= 25                        | .0  | .0   | .0   | .0   | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1                      | 1           | 32          | 753        | 753       |
| >= 23                        | .0  | .0   | .0   | .0   | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 15          | 704        | 704       |
| >= 21                        | .0  | .0   | .0   | .0   | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 1           | 538        | 538       |
| >= 19                        | .0  | .0   | .0   | .0   | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 383        | 383       |
| >= 17                        | .0  | .0   | .0   | .0   | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 213        | 213       |
| >= 15                        | .0  | .0   | .0   | .0   | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 124        | 124       |
| >= 13                        | .0  | .0   | .0   | .0   | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 79         | 79        |
| >= 11                        | .0  | .0   | .0   | .0   | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 43         | 43        |
| >= 9                         | .0  | .0   | .0   | .0   | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 31         | 31        |
| >= 7                         | .0  | .0   | .0   | .0   | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 12         | 12        |
| >= 5                         | .0  | .0   | .0   | .0   | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 6          | 6         |
| >= 3                         | .0  | .0   | .0   | .0   | .0   | .0      | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 1-         | 1-        |
| TOTAL                        | 3.6 | 12.6 | 24.8 | 31.7 | 18.1 | 7.5     | 1.5  | 1.5   | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8180                   | 8180        | 8180        | 8180       | 8180      |

| ELEMENT(X)    | SUM X   | SUM X**2  | MEAN | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. |        |        |        | TOTAL  |
|---------------|---------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|
| 28 - REL HUM  | 509997. | 33980657. | 62.3 | 16.341  | 8180  | <=0 F                             | <=32 F | >=67 F | >=73 F | >=93 F |
| 15 - DRY BULB | 347206. | 15031448. | 42.4 | 5.996   | 8180  | .0                                | 20.5   | .3     | .0     | .0     |
| 16 - WET BULB | 305868. | 11677782. | 37.4 | 5.425   | 8180  | .4                                | 138.1  | .0     | .0     | .0     |
| 17 - DEW PT.  | 242644. | 7710564.  | 29.7 | 7.920   | 8180  | .0                                | 489.5  | .0     | .0     | .0     |

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LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : FEB  
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| DRY-BULB<br>TEMP.<br>(DEG F) | 0   | 1-2  | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL<br>D.B./<br>W.B. | TOTAL OBS |      |      |
|------------------------------|-----|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------------------------|-----------|------|------|
|                              |     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |                        | DRY       | WET  | DEW  |
|                              |     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |                        | BULB      | BULB | PT.  |
| >= 73                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 2                      | 0         | 0    | 0    |
| >= 71                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 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     | 0     | 0     | 0     | 0    | 1                      | 0         | 0    | 0    |
| >= 67                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 10                     | 0         | 0    | 0    |
| >= 65                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 15                     | 0         | 0    | 0    |
| >= 63                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 32                     | 6         | 5    | 5    |
| >= 61                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 53                     | 11        | 4    | 4    |
| >= 59                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 76                     | 20        | 11   | 11   |
| >= 57                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 73                     | 38        | 14   | 14   |
| >= 55                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 140                    | 52        | 27   | 27   |
| >= 53                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 183                    | 62        | 37   | 37   |
| >= 51                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 272                    | 44        | 44   | 44   |
| >= 49                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 405                    | 141       | 80   | 80   |
| >= 47                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 594                    | 231       | 105  | 105  |
| >= 45                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 886                    | 387       | 176  | 176  |
| >= 43                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 849                    | 517       | 230  | 230  |
| >= 41                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 928                    | 669       | 296  | 296  |
| >= 39                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 902                    | 918       | 409  | 409  |
| >= 37                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 780                    | 1048      | 504  | 504  |
| >= 35                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 621                    | 1054      | 604  | 604  |
| >= 33                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 357                    | 864       | 592  | 592  |
| >= 31                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 166                    | 706       | 567  | 567  |
| >= 29                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 75                     | 412       | 565  | 565  |
| >= 27                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 18                     | 157       | 734  | 734  |
| >= 25                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 6                      | 53        | 557  | 557  |
| >= 23                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 12        | 543  | 543  |
| >= 21                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 5         | 465  | 465  |
| >= 19                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 2         | 370  | 370  |
| >= 17                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0         | 219  | 219  |
| >= 15                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0         | 129  | 129  |
| >= 13                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0         | 60   | 60   |
| >= 11                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0         | 45   | 45   |
| >= 9                         | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0         | 27   | 27   |
| >= 7                         | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0         | 16   | 16   |
| >= 5                         | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0         | 6    | 6    |
| >= 3                         | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0         | 4    | 4    |
| >= 1                         | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0         | 2    | 2    |
| >= -1                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0         | 0    | 0    |
| >= -3                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0         | 0    | 0    |
| TOTAL                        | 7.0 | 16.1 | 23.6 | 27.7 | 16.1 | 7.4  | 1.7   | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3    | 7448                   | 7448      | 7448 | 7448 |

| ELEMENT(X)    | SUM X   | SUM X**2  | MEAN | STD DEV | # OPS | 40 - MEAN NO. OF HOURS WITH TEMP. |        |        |        |        | TOTAL |        |
|---------------|---------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|-------|--------|
|               |         |           |      |         |       | <=0 F                             | <=32 F | >=67 F | >=73 F | >=80 F |       | >=93 F |
| 28 - REL HUM  | 464121. | 33958579. | 65.0 | 18.288  | 7448  |                                   |        |        |        |        |       | 672    |
| 15 - DRY BULB | 318478. | 13943190. | 42.8 | 6.606   | 7448  |                                   | 24.0   | 1.3    | .2     |        | .0    | 672    |
| 16 - WET BULB | 283170. | 11045794. | 38.0 | 6.114   | 7447  |                                   | 121.6  | .0     | .0     |        | .0    | 672    |
| 17 - DEW PT.  | 229829. | 7686285.  | 30.9 | 8.933   | 7449  |                                   | 388.9  | .0     | .0     |        | .0    | 672    |

- PSYCHROMETRIC SUMMARY

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PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : MAR  
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| LRY-BULB<br>TEMP.<br>(DEG F) | 0   | 1-2  | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL<br>D.B.V.<br>W.B. | TOTAL OBS   |             |
|------------------------------|-----|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------------------------|-------------|-------------|
|                              |     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |                         | DRY<br>BULB | WET<br>BULB |
| >= 71                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1                       | 1           | 0           |
| >= 69                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 9                       | 9           | 0           |
| >= 67                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 26                      | 26          | 0           |
| >= 65                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 67                      | 67          | 3           |
| >= 63                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 157                     | 157         | 7           |
| >= 61                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 207                     | 207         | 51          |
| >= 59                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 257                     | 257         | 107         |
| >= 57                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 310                     | 310         | 83          |
| >= 55                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 435                     | 435         | 172         |
| >= 53                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 472                     | 472         | 217         |
| >= 51                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 617                     | 617         | 363         |
| >= 49                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 792                     | 792         | 488         |
| >= 47                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 875                     | 875         | 674         |
| >= 45                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1148                    | 1148        | 942         |
| >= 43                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 871                     | 871         | 1001        |
| >= 41                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 731                     | 731         | 904         |
| >= 39                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 586                     | 586         | 964         |
| >= 37                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 399                     | 399         | 852         |
| >= 35                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 292                     | 292         | 662         |
| >= 33                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 124                     | 124         | 442         |
| >= 31                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 43                      | 43          | 262         |
| >= 29                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8                       | 8           | 120         |
| >= 27                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1                       | 1           | 30          |
| >= 25                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                       | 0           | 11          |
| >= 23                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                       | 0           | 325         |
| >= 21                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                       | 0           | 225         |
| >= 19                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                       | 0           | 142         |
| >= 17                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                       | 0           | 79          |
| >= 15                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                       | 0           | 48          |
| >= 13                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                       | 0           | 15          |
| >= 11                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                       | 0           | 8           |
| >= 9                         | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                       | 0           | 9           |
| >= 7                         | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                       | 0           | 4           |
| TOTAL                        | 8.4 | 20.1 | 22.3 | 23.3 | 14.7 | 7.5  | 2.8   | .7    | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8431                    | 8431        | 8430        |

| ELEMENT(X)    | SUM X   | SUM X**2  | MEAN | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. |        |        |        | TOTAL  |
|---------------|---------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|
| 28 - REL HUM  | 583245. | 43180233. | 69.2 | 18.315  | 8430  | <=0 F                             | <=32 F | >=67 F | >=73 F | >=93 F |
| 15 - DRY BULB | 399322. | 19360312. | 47.4 | 7.282   | 8431  | .0                                | 4.7    | 3.2    | .0     | .0     |
| 16 - WET BULB | 360460. | 15801202. | 42.8 | 6.787   | 8430  | .2                                | 37.5   | .0     | .0     | .0     |
| 17 - DEW PT.  | 310734. | 12181184. | 36.9 | 9.289   | 8430  | .0                                | 235.1  | .0     | .0     | .0     |

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| URY-BULB<br>TEMP.<br>(DEG F) | 0    | 1-2  | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL |      |      |
|------------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|------|
|                              |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      | W.B.  | DRY  | BULB |
| >= 81                        | .0   | .0   | .0   | .0   | .0   | .0   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1     | 1    | 0    |
| >= 79                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .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    | .0    | .0    | .0    | .0   | 0     | 0    | 0    |
| >= 75                        | .0   | .0   | .0   | .0*  | .0   | .0*  | .0*   | .0    | .0    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 11    | 11   | 0    |
| >= 73                        | .0   | .0   | .0*  | .1   | .1   | .0*  | .1    | .1    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 44    | 44   | 0    |
| >= 71                        | .0   | .0*  | .1   | .3   | .4   | .2   | .2    | .1    | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 113   | 113  | 0    |
| >= 69                        | .0*  | .2   | .3   | .6   | .4   | .5   | .3    | .1    | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 170   | 170  | 3    |
| >= 67                        | .1   | .7   | .7   | .8   | 1.0  | .7   | .4    | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 315   | 315  | 27   |
| >= 65                        | .1   | 1.0  | .9   | .8   | 1.8  | 1.2  | .5    | .1    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 427   | 427  | 75   |
| >= 63                        | .5   | 1.4  | 1.8  | 1.8  | 1.8  | 1.2  | .5    | .1    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 720   | 720  | 177  |
| >= 61                        | .5   | 1.7  | 1.8  | 1.9  | 1.3  | .6   | .4    | .1    | .0    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 672   | 672  | 245  |
| >= 59                        | .8   | 2.2  | 2.4  | 1.9  | 1.4  | .9   | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 821   | 821  | 370  |
| >= 57                        | .9   | 2.7  | 2.5  | 2.1  | 1.3  | .8   | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 854   | 854  | 573  |
| >= 55                        | 1.4  | 3.0  | 2.0  | 2.0  | 1.2  | .6   | .3    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 848   | 848  | 757  |
| >= 53                        | 1.2  | 2.2  | 2.2  | 2.0  | 1.0  | .5   | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 756   | 756  | 916  |
| >= 51                        | 1.2  | 2.2  | 2.2  | 1.3  | .7   | .4   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 664   | 664  | 921  |
| >= 49                        | 1.2  | 2.1  | 1.9  | 1.4  | .8   | .3   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 626   | 626  | 735  |
| >= 47                        | .7   | 1.4  | 1.1  | 1.1  | .5   | .1   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 601   | 601  | 716  |
| >= 45                        | .7   | 1.4  | .8   | .8   | .3   | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 401   | 401  | 729  |
| >= 43                        | .5   | .7   | .6   | .5   | .2   | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 339   | 339  | 725  |
| >= 41                        | .5   | .3   | .3   | .3   | .1   | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 194   | 194  | 756  |
| >= 39                        | .1   | .2   | .0*  | .1   | .0*  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 117   | 117  | 557  |
| >= 37                        | .1   | .1   | .1   | .0*  | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 36    | 36   | 526  |
| >= 35                        | .0   | .0*  | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 25    | 25   | 371  |
| >= 33                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1     | 1    | 268  |
| >= 31                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 5     | 5    | 256  |
| >= 29                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 183  |
| >= 27                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 100  |
| >= 25                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 41   |
| >= 23                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 26   |
| >= 21                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 15   |
| >= 19                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 11   |
| >= 17                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 3    |
| >= 15                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 1    |
| >= 13                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 1    |
| TOTAL                        | 10.2 | 23.6 | 21.9 | 19.2 | 12.7 | 7.4  | 3.3   | 1.2   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8156  | 8156 | 8154 |

| ELEMENT(X)    |         | SUM X     | SUM X**2 | MEAN   | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. |        |        |        | TOTAL  |        |
|---------------|---------|-----------|----------|--------|---------|-------|-----------------------------------|--------|--------|--------|--------|--------|
| 18 - REL HUM  | 612053. | 48293225. | 75.0     | 17.021 | 8156    |       | <=0 F                             | <=32 F | >=67 F | >=73 F | >=80 F | >=93 F |
| 15 - DRY BULB | 461141. | 26481795. | 50.5     | 7.061  | 8156    |       | .0                                | .0     | 57.7   | 4.9    | .1     | .0     |
| 16 - WET BULB | 425028. | 22513392. | 52.1     | 6.683  | 8156    |       | .4                                | .8     | 7.2    | .0     | .0     | .0     |
| 17 - DEW PT.  | 391398. | 19398940. | 45.0     | 8.661  | 8154    |       | .0                                | 36.9   | 2.6    | .0     | .0     | .0     |

- PSYCHROMETRIC SUMMARY

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PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : MAY  
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| URY-BULB<br>TEMP.<br>(DEG F) | C   | 1-2  | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL<br>O.B./<br>W.B. | TOTAL OBS   |             |            |  |
|------------------------------|-----|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------------------------|-------------|-------------|------------|--|
|                              |     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      |                        | DRY<br>BULB | WET<br>BULB | DEW<br>PT. |  |
| >= 83                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 1                      | 1           | 0           | 0          |  |
| >= 81                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 13                     | 13          | 0           | 0          |  |
| >= 79                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 24                     | 24          | 0           | 0          |  |
| >= 77                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 95                     | 95          | 0           | 0          |  |
| >= 75                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 186                    | 186         | 1           | 0          |  |
| >= 73                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 310                    | 310         | 8           | 0          |  |
| >= 71                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 504                    | 504         | 23          | 8          |  |
| >= 69                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 719                    | 719         | 181         | 64         |  |
| >= 67                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 918                    | 918         | 418         | 210        |  |
| >= 65                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 1037                   | 1037        | 680         | 317        |  |
| >= 63                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 1300                   | 1300        | 1059        | 676        |  |
| >= 61                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 1041                   | 1041        | 1345        | 973        |  |
| >= 59                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 865                    | 865         | 1361        | 1139       |  |
| >= 57                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 617                    | 617         | 1174        | 1120       |  |
| >= 55                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 406                    | 406         | 898         | 1052       |  |
| >= 53                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 237                    | 237         | 597         | 839        |  |
| >= 51                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 107                    | 107         | 361         | 643        |  |
| >= 49                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 37                     | 37          | 195         | 509        |  |
| >= 47                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 12                     | 12          | 83          | 319        |  |
| >= 45                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 1                      | 1           | 34          | 235        |  |
| >= 43                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0           | 12          | 130        |  |
| >= 41                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0           | 0           | 65         |  |
| >= 39                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0           | 0           | 54         |  |
| >= 37                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0           | 0           | 37         |  |
| >= 35                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0           | 0           | 20         |  |
| >= 33                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0           | 0           | 7          |  |
| >= 31                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0           | 0           | 3          |  |
| >= 29                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0           | 0           | 0          |  |
| >= 27                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0           | 0           | 0          |  |
| >= 25                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0           | 0           | 0          |  |
| >= 23                        | 0   | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                      | 0           | 0           | 1          |  |
| TOTAL                        | 9.3 | 24.8 | 22.4 | 18.2 | 11.7 | 7.7  | 3.5   | 1.6   | .6    | .2    | .1    | .1    | .1    | .1    | .1    | .1    | .1   | 8430                   | 8432        | 8431        | 8431       |  |

| ELEMENT(X)    | SUM X   | SUM X**2  | MEAN | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. |        |        |        |        |        | TOTAL |
|---------------|---------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|--------|-------|
|               |         |           |      |         |       | <=0 F                             | <=32 F | >=67 F | >=73 F | >=80 F | >=93 F |       |
| 28 - PEL HUM  | 656547. | 53080013. | 77.9 | 15.220  | 8431  |                                   |        |        |        |        |        |       |
| 15 - DRY BULB | 539963. | 34856645. | 64.0 | 5.751   | 8432  |                                   |        |        |        |        |        |       |
| 16 - WET BULB | 502120. | 30104790. | 59.6 | 4.875   | 8431  |                                   |        |        |        |        |        |       |
| 17 - DEW PT.  | 475441. | 27132057. | 56.4 | 6.171   | 8431  |                                   |        |        |        |        |        |       |
|               |         |           |      |         |       | .0                                | .0     | 244.4  | 55.5   | 1.6    | .0     | 744   |
|               |         |           |      |         |       | .1                                | .1     | 55.7   | .8     | .0     | .0     | 744   |
|               |         |           |      |         |       | .0                                | 1.2    | 24.9   | .0     | .0     | .0     | 744   |

## 2 - PSYCHROMETRIC SUMMARY

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JUN  
PAGE 1GRY-BULB  
TEMP.  
(DEG F)

% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)

TOTAL  
D.B./  
W.B.TOTAL OBS  
DRY WET DEW  
BULB 3ULB PT.

|       | 0    | 1-2  | 3-4  | 5-6  | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL | TOTAL OBS |      |
|-------|------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------|------|
| >= 87 | .0   | .0   | .0   | .0   | .0  | .0*  | .0*   | .0    | .0*   | .0    | .0    | .0*   | .0    | .0    | .0    | .0    | .0   | 5     | 5         | 0    |
| >= 85 | .0   | .0   | .0   | .0   | .0* | .0*  | .0*   | .0    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 11    | 11        | 0    |
| >= 83 | .0   | .0   | .0   | .1   | .2  | .0*  | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 39    | 39        | 0    |
| >= 81 | .0   | .0   | .0*  | .4   | .4  | .3   | .2    | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 126   | 126       | 0    |
| >= 79 | .0   | .0   | .4   | .8   | .5  | .5   | .2    | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 207   | 207       | 1    |
| >= 77 | .0   | .1   | 1.1  | 1.2  | 1.3 | .8   | .3    | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 416   | 416       | 18   |
| >= 75 | .1   | 1.3  | 2.0  | 2.0  | 1.3 | .6   | .3    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 613   | 613       | 141  |
| >= 73 | .5   | 2.2  | 2.6  | 2.3  | 1.1 | .5   | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 770   | 770       | 396  |
| >= 71 | .6   | 3.0  | 3.6  | 2.3  | 1.0 | .4   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 896   | 896       | 594  |
| >= 69 | 1.2  | 5.5  | 5.0  | 1.7  | .7  | .3   | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1179  | 1179      | 1055 |
| >= 67 | 1.8  | 7.4  | 3.2  | 1.3  | .4  | .1   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1162  | 1162      | 1412 |
| >= 65 | 2.7  | 6.1  | 2.9  | .9   | .2  | .1   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1053  | 1053      | 1557 |
| >= 63 | 2.9  | 4.7  | 2.0  | 1.1  | .1  | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 876   | 876       | 1205 |
| >= 61 | 1.3  | 2.6  | 1.0  | .1   | .0* | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 411   | 411       | 807  |
| >= 59 | .8   | 1.1  | .5   | .2   | .0* | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 216   | 216       | 507  |
| >= 57 | .4   | .6   | .2   | .0*  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 107   | 107       | 272  |
| >= 55 | .2   | .3   | .0*  | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 41    | 41        | 118  |
| >= 53 | .1   | .0*  | .0*  | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 17    | 17        | 59   |
| >= 51 | .0*  | .0*  | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4     | 4         | 8    |
| >= 49 | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0         | 1    |
| >= 47 | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .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    | .0    | .0    | .0    | .0   | 0     | 0         | 0    |
| >= 43 | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0         | 0    |
| TOTAL | 12.6 | 34.9 | 24.5 | 14.5 | 7.6 | 3.6  | 1.5   | .5    | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8149  | 8151      | 8151 |

ELEMENT(X)

SUM X

SUM X\*\*2

MEAN STD DEV

# OBS

40 - MEAN NO. OF HOURS WITH TEMP.

|               | <=0 F | <=32 F | >=67 F | >=73 F | >=80 F | >=93 F | TOTAL |
|---------------|-------|--------|--------|--------|--------|--------|-------|
| 28 - REL HUM  |       |        |        |        |        |        |       |
| 15 - DRY BULB |       |        |        |        |        |        |       |
| 16 - WET BULB |       |        |        |        |        |        |       |
| 17 - DEW PT.  |       |        |        |        |        |        |       |

|               |         |           |      |        |      |      |      |
|---------------|---------|-----------|------|--------|------|------|------|
| 28 - REL HUM  | 689820. | 59522826. | 84.7 | 11.771 | 8151 | 8151 | 8151 |
| 15 - DRY BULB | 563526. | 39200824. | 69.1 | 5.438  | 8151 | 8151 | 8151 |
| 16 - WET BULB | 536516. | 35474842. | 65.8 | 4.434  | 8151 | 8151 | 8151 |
| 17 - DEW PT.  | 521407. | 33548297. | 64.0 | 4.888  | 8151 | 8151 | 8151 |

3 - PSYCHROMETRIC SUMMARY

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JUL  
PAGE 1

| WET BULB<br>TEMP.<br>(DEG F) | 0    | 1-2  | 3-4  | 5-6  | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL |      |      |
|------------------------------|------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|------|
|                              |      |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      | W.B.  | DRY  | DEW  |
| >= 97                        | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1     | 1    | 0    |
| >= 95                        | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 0    |
| >= 93                        | .0   | .0   | .0   | .0   | .0  | .0   | .0*   | .0    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3     | 3    | 0    |
| >= 91                        | .0   | .0   | .0   | .0   | .0  | .0   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 15    | 15   | 0    |
| >= 89                        | .0   | .0   | .0   | .0*  | .0  | .1   | .3    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 60    | 60   | 0    |
| >= 87                        | .0   | .0   | .0   | .1   | .7  | .8   | .5    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 177   | 177  | 0    |
| >= 85                        | .0   | .0   | .0*  | .6   | 1.9 | 1.1  | .2    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 333   | 333  | 0    |
| >= 83                        | .0   | .0   | .2   | 2.5  | 1.9 | .4   | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 442   | 442  | 1    |
| >= 81                        | .0   | .0*  | .0   | 4.0  | 1.7 | .4   | .1    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 696   | 696  | 37   |
| >= 79                        | .0*  | 1.0  | 4.4  | 3.4  | .8  | .2   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 829   | 829  | 260  |
| >= 77                        | .3   | 5.7  | 5.7  | 2.0  | .4  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1194  | 1194 | 906  |
| >= 75                        | 1.6  | 9.4  | 3.8  | 1.2  | .3  | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1371  | 1371 | 1816 |
| >= 73                        | 2.2  | 6.3  | 2.8  | .7   | .2  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1037  | 1037 | 1808 |
| >= 71                        | 1.4  | 4.6  | 2.0  | .7   | .1  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 742   | 742  | 1527 |
| >= 69                        | 1.8  | 3.8  | 1.6  | .3   | .1  | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 646   | 646  | 953  |
| >= 67                        | 1.8  | 2.3  | .8   | .4   | .0* | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 444   | 444  | 663  |
| >= 65                        | .9   | 1.4  | .4   | .0*  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 232   | 232  | 400  |
| >= 63                        | .5   | .7   | .4   | .1   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 139   | 139  | 230  |
| >= 61                        | .1   | .3   | .1   | .0*  | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 38    | 38   | 105  |
| >= 59                        | .0*  | .2   | .1   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 24    | 24   | 52   |
| >= 57                        | .0*  | .0*  | .0*  | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6     | 6    | 26   |
| >= 55                        | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 8    |
| >= 53                        | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 27   |
| >= 51                        | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 13   |
| TOTAL                        | 10.6 | 35.6 | 24.3 | 16.1 | 8.3 | 3.5  | 1.3   | .2    | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8429  | 8429 | 8429 |

| ELEMENT(X)    | SUM X   | SUM X**2  | MEAN | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. |        |        |        |        | TOTAL  |     |
|---------------|---------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|--------|-----|
|               |         |           |      |         |       | <=0 F                             | <=32 F | >=67 F | >=73 F | >=80 F | >=93 F | F   |
| 28 - REL HUM  | 723303. | 62949031. | 85.8 | 10.227  | 8429  | .0                                | .0     | .0     | 543.5  | 180.3  | .4     | 744 |
| 15 - DRY BULB | 638841. | 48687759. | 75.8 | 5.654   | 8429  | .3                                | .3     | .3     | 671.5  | 9.5    | .0     | 744 |
| 16 - WET BULB | 610555. | 44374723. | 72.4 | 4.207   | 8429  | .0                                | .0     | .0     | 632.6  | .4     | .0     | 744 |
| 17 - DEW PT.  | 598045. | 42580231. | 71.0 | 4.196   | 8429  | .0                                | .0     | .0     | 322.7  | .4     | .0     | 744 |

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : AUG  
PAGE 1

CRY-BULB  
TEMP.  
(DEG F)

% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)

| CRY-BULB<br>TEMP.<br>(DEG F) | % FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F) |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      | TOTAL<br>O.B.S.<br>W.B. | TOTAL<br>OBS<br>WET<br>BULB |      |      |
|------------------------------|-------------------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------------------------|-----------------------------|------|------|
|                              | 0                                               | 1-2  | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 |                         |                             |      |      |
| > 97                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 1                       | 0                           | 0    | 0    |
| > 95                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 2                       | 0                           | 0    | 0    |
| > 93                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 9                       | 0                           | 0    | 0    |
| > 91                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 44                      | 0                           | 0    | 0    |
| > 89                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 183                     | 0                           | 0    | 0    |
| > 87                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 355                     | 0                           | 0    | 0    |
| > 85                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 598                     | 0                           | 0    | 0    |
| > 83                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 687                     | 0                           | 0    | 0    |
| > 81                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 1032                    | 120                         | 14   | 14   |
| > 79                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 1375                    | 696                         | 139  | 139  |
| > 77                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 1620                    | 1989                        | 1032 | 1032 |
| > 75                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 1147                    | 2449                        | 1989 | 1989 |
| > 73                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 654                     | 1416                        | 2449 | 2449 |
| > 71                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 396                     | 793                         | 1416 | 1416 |
| > 69                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 193                     | 564                         | 793  | 793  |
| > 67                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 81                      | 240                         | 564  | 564  |
| > 65                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 39                      | 118                         | 240  | 240  |
| > 63                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 13                      | 34                          | 118  | 118  |
| > 59                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 2                       | 8                           | 34   | 153  |
| > 57                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0                       | 0                           | 7    | 40   |
| > 55                         | 0                                               | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 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     | 0     | 0     | 0     | 0    | 0                       | 0                           | 0    | 0    |
| TOTAL                        | 6.7                                             | 31.2 | 24.8 | 17.0 | 10.7 | 5.9  | 2.6   | .8    | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8431                    | 8432                        | 8432 | 8432 |

ELEMENT(X)

MEAN STD DEV # OBS

40 - MEAN NO. OF HOURS WITH TEMP.

28 - REL HUM  
15 - DRY BULB  
16 - WET BULB  
17 - DEW PT.

705418. 60067318.  
665130. 52674788.  
631112. 47327002.  
616952. 45241754.

|      |        |
|------|--------|
| 83.7 | 11.172 |
| 78.9 | 4.895  |
| 74.8 | 3.267  |
| 73.2 | 3.455  |

2432  
2431  
2432  
2432

40 - MEAN NO. OF HOURS WITH TEMP.

|      | 1940 | 1952 | 1961  | 1973  | 1980  | 1993 | 2004 |
|------|------|------|-------|-------|-------|------|------|
| 8432 |      |      |       |       |       |      |      |
| 8431 | .0   | .0   | 739.2 | 680.1 | 300.3 | 1.1  | 744  |
| 8432 | .0   | .0   | 729.9 | 589.0 | 30.0  | .0   | 744  |
| 8433 | .0   | .0   | 701.7 | 493.9 | 2.3   | .0   | 744  |



2 - PSYCHROMETRIC SUMMARY

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : SEP  
PAGE 1

| DRY-BULB<br>TEMP.<br>(DEG F) | 0    | 1-2  | 3-4  | 5-6  | 7-8  | % FREQ. | WET BULB | TEMPERATURE DEPRESSION (DEG F) | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL<br>D.B./<br>W.B. | DRY<br>BULB | WET<br>BULB | TOTAL OBS<br>DEM<br>PT. |
|------------------------------|------|------|------|------|------|---------|----------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------------------------|-------------|-------------|-------------------------|
| >= 91                        | .0   | .0   | .0   | .0   | .0   | .0      | .0       | .0                             | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1                      | 1           | 0           | 0                       |
| >= 89                        | .0   | .0   | .0   | .0   | .0*  | .0      | .1       | .0                             | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 18                     | 18          | 0           | 0                       |
| >= 87                        | .0   | .0   | .0   | .0   | .2   | .4      | .3       | .0                             | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 70                     | 70          | 0           | 0                       |
| >= 85                        | .0   | .0   | .0   | .2   | .6   | .5      | .1       | .0                             | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 129                    | 129         | 0           | 0                       |
| >= 83                        | .0   | .0   | .1   | 1.1  | .9   | .5      | .2       | .0                             | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 227                    | 227         | 1           | 0                       |
| >= 81                        | .0   | .1   | 1.1  | 1.6  | 1.1  | .5      | .2       | .0                             | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 385                    | 385         | 4           | 0                       |
| >= 79                        | .0   | .8   | 2.9  | 1.8  | 1.1  | .6      | .2       | .1                             | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 599                    | 599         | 85          | 9                       |
| >= 77                        | .2   | 2.4  | 2.9  | 1.6  | 1.1  | .5      | .2       | .0*                            | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 731                    | 731         | 452         | 157                     |
| >= 75                        | .5   | 4.4  | 2.9  | 2.2  | 1.3  | .4      | .2       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 964                    | 964         | 859         | 597                     |
| >= 73                        | .9   | 3.4  | 2.8  | 2.2  | 1.0  | .4      | .2       | .0                             | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 882                    | 882         | 799         | 799                     |
| >= 71                        | .8   | 4.1  | 3.6  | 2.2  | 1.0  | .3      | .1       | .0                             | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 995                    | 995         | 896         | 877                     |
| >= 69                        | 1.5  | 3.8  | 3.5  | 2.0  | .7   | .3      | .1       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 962                    | 962         | 1099        | 951                     |
| >= 67                        | 1.9  | 4.0  | 2.8  | 1.3  | .5   | .1      | .0*      | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 867                    | 867         | 1093        | 1009                    |
| >= 65                        | 1.8  | 3.3  | 1.8  | .8   | .3   | .1      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 659                    | 659         | 1108        | 955                     |
| >= 63                        | 1.4  | 1.4  | 1.0  | .7   | .3   | .0*     | .0*      | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 398                    | 398         | 760         | 1135                    |
| >= 61                        | .7   | .7   | .4   | .1   | .1   | .0*     | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 166                    | 166         | 441         | 617                     |
| >= 59                        | .4   | .3   | .1   | .0*  | .0   | .0      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 69                     | 69          | 281         | 417                     |
| >= 57                        | .1   | .1   | .0*  | .0   | .0   | .0      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 17                     | 17          | 118         | 277                     |
| >= 55                        | .1   | .0   | .0   | .0   | .0   | .0      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8                      | 8           | 54          | 163                     |
| >= 53                        | .0   | .0   | .0   | .0   | .0   | .0      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 12          | 90                      |
| >= 51                        | .0   | .0   | .0   | .0   | .0   | .0      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 3           | 37                      |
| >= 49                        | .0   | .0   | .0   | .0   | .0   | .0      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 2           | 33                      |
| >= 47                        | .0   | .0   | .0   | .0   | .0   | .0      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 1           | 11                      |
| >= 45                        | .0   | .0   | .0   | .0   | .0   | .0      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 9                       |
| >= 43                        | .0   | .0   | .0   | .0   | .0   | .0      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 1                       |
| >= 41                        | .0   | .0   | .0   | .0   | .0   | .0      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 3                       |
| >= 39                        | .0   | .0   | .0   | .0   | .0   | .0      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 0                       |
| >= 37                        | .0   | .0   | .0   | .0   | .0   | .0      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 2                       |
| >= 35                        | .0   | .0   | .0   | .0   | .0   | .0      | .0       | .0                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0                      | 0           | 0           | 1                       |
| TOTAL                        | 10.4 | 28.9 | 25.9 | 17.7 | 10.0 | 4.6     | 1.9      | .4                             | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8151                   | 8151        | 8150        | 8150                    |

| ELEMENT(X)    | SUM X   | SUM X**2  | MEAN | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. |        |        |        |        | TOTAL  |     |
|---------------|---------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|--------|-----|
|               |         |           |      |         |       | <=0 F                             | <=32 F | >=67 F | >=73 F | >=80 F | >=93 F | F   |
| 48 - REL HUM  | 678825. | 57664985. | 83.3 | 11.783  | 8151  | .0                                | .0     | .0     | 353.9  | 92.4   | .0     | 720 |
| 15 - DRY BULB | 592169. | 43309063. | 72.6 | 5.945   | 8151  | .1                                | .1     | .1     | 474.4  | 201.7  | .0     | 720 |
| 16 - WET BULB | 561505. | 38900851. | 68.9 | 5.195   | 8151  | .0                                | .0     | .0     | 388.6  | 138.0  | .0     | 720 |
| 17 - DEW PT.  | 545587. | 36795991. | 66.9 | 5.784   | 8150  |                                   |        |        |        |        |        |     |

## 3 - PSYCHROMETRIC SUMMARY

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : OCT  
PAGE 1

| DRY-BULB<br>TEMP.<br>(DEG F) | 0    | 1-2  | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL         |             |             | TOTAL OBS  |      |      |
|------------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---------------|-------------|-------------|------------|------|------|
|                              |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      | D.B./<br>W.B. | DRY<br>BULB | WET<br>BULB | DEW<br>PT. | 8428 | 8432 |
| >= 85                        | .0   | .0   | .0   | .0   | .0*  | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2             | 2           | 0           | 0          |      |      |
| >= 83                        | .0   | .0   | .0   | .0   | .0*  | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2             | 2           | 0           | 0          |      |      |
| >= 81                        | .0   | .0   | .0   | .0   | .0*  | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 14            | 14          | 0           | 0          |      |      |
| >= 79                        | .0   | .0*  | .0*  | .1   | .1   | .1   | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 31            | 31          | 0           | 0          |      |      |
| >= 77                        | .0   | .1   | .1   | .2   | .2   | .1   | .1    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 77            | 77          | 2           | 0          |      |      |
| >= 75                        | .0   | .1   | .2   | .4   | .4   | .2   | .2    | .0*   | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 130           | 130         | 17          | 6          |      |      |
| >= 73                        | .1   | .2   | .6   | .6   | .6   | .4   | .2    | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 235           | 235         | 40          | 26         |      |      |
| >= 71                        | .1   | .5   | .7   | 1.0  | .7   | .4   | .1    | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 305           | 305         | 85          | 38         |      |      |
| >= 69                        | .3   | 1.0  | 1.7  | 1.8  | 1.1  | .6   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 573           | 573         | 201         | 111        |      |      |
| >= 67                        | .5   | 1.6  | 2.3  | 2.1  | 1.2  | .6   | .3    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 725           | 725         | 343         | 210        |      |      |
| >= 65                        | 1.0  | 2.9  | 3.2  | 2.5  | .8   | .8   | .4    | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1042          | 1042        | 621         | 335        |      |      |
| >= 63                        | 1.4  | 4.4  | 3.8  | 3.0  | 2.0  | .8   | .3    | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1332          | 1332        | 873         | 669        |      |      |
| >= 61                        | 1.3  | 3.8  | 3.6  | 2.8  | 1.6  | .5   | .1    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1163          | 1163        | 1063        | 815        |      |      |
| >= 59                        | 1.9  | 3.4  | 3.2  | 2.7  | 1.1  | .3   | .0*   | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1069          | 1069        | 1199        | 990        |      |      |
| >= 57                        | 1.6  | 2.5  | 2.6  | 1.8  | .8   | .2   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 793           | 793         | 1178        | 1019       |      |      |
| >= 55                        | 1.0  | 1.9  | 1.6  | .9   | .4   | .1   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 500           | 500         | 1087        | 893        |      |      |
| >= 53                        | .6   | .9   | 1.0  | .4   | .3   | .0   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 274           | 274         | 780         | 814        |      |      |
| >= 51                        | .2   | .4   | .4   | .2   | .0*  | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 97            | 97          | 481         | 746        |      |      |
| >= 49                        | .0*  | .2   | .2   | .1   | .0*  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 45            | 45          | 262         | 569        |      |      |
| >= 47                        | .0*  | .1   | .0*  | .0*  | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 15            | 15          | 127         | 423        |      |      |
| >= 45                        | .0   | .0*  | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4             | 4           | 56          | 376        |      |      |
| >= 43                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 13          | 144        |      |      |
| >= 41                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 4           | 90         |      |      |
| >= 39                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 76         |      |      |
| >= 37                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 48         |      |      |
| >= 35                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 15         |      |      |
| >= 33                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 5          |      |      |
| >= 31                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 5          |      |      |
| >= 29                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 3          |      |      |
| >= 27                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 0          |      |      |
| >= 25                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 0          |      |      |
| >= 23                        | .0   | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 0          |      |      |
| TOTAL                        | 10.0 | 24.0 | 25.1 | 20.5 | 12.1 | 5.3  | 2.1   | .7    | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8428          | 8432        | 8432        | 8432       |      |      |

| ELEMENT (X)   | SUM X   | SUM X**2  | MEAN | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. |        |        |        |        |        | >=93 F TOTAL |     |
|---------------|---------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|--------|--------------|-----|
| 28 - REL HUM  | 665349. | 54174239. | 78.9 | 14.087  | 8432  | <=0 F                             | <=32 F | >=67 F | >=73 F | >=80 F | >=93 F | 744          |     |
| 15 - DRY BULB | 531824. | 33807754. | 63.1 | 5.601   | 8432  | .0                                | .0     | .0     | 184.8  | 43.3   | 2.6    | .0           | 744 |
| 16 - WET BULB | 497225. | 29564689. | 59.0 | 5.379   | 8432  | .0                                | .0     | .0     | 60.7   | 5.2    | .0     | .0           | 744 |
| 17 - DEW PT.  | 471811. | 26786247. | 56.0 | 6.768   | 8432  | .0                                | 1.2    | 34.5   | 2.8    | .0     | .0     | .0           | 744 |

3 - PSYCHROMETRIC SUMMARY

G43323 YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONIM : NOV  
 PAGE 1

| DRY-BULB<br>TEMP.<br>(DEG F) | 0   | 1-2  | 3-4  | 5-6  | 7-6  | 8-6 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL         |             | TOTAL OBS   |            |
|------------------------------|-----|------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---------------|-------------|-------------|------------|
|                              |     |      |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      | 0-8./<br>W.B. | DRY<br>BULB | WET<br>BULB | DEW<br>PT. |
| >= 77                        | .0  | .0   | .0   | .0*  | .0*  | .0* | .0   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2             | 2           | 0           | 0          |
| >= 75                        | .0  | .0   | .0   | .1   | .0*  | .0* | .0*  | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 12            | 12          | 0           | 0          |
| >= 73                        | .0  | .0   | .1   | .1   | .1   | .1  | .1   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 27            | 27          | 0           | 0          |
| >= 71                        | .0* | .1   | .1   | .2   | .3   | .3  | .1   | .0    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 50            | 50          | 2           | 0          |
| >= 69                        | .0* | .1   | .2   | .3   | .4   | .4  | .4   | .1    | .0*   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 95            | 95          | 26          | 7          |
| >= 67                        | .1  | .2   | .3   | .6   | .6   | .6  | .4   | .2    | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 166           | 166         | 45          | 25         |
| >= 65                        | .0* | .3   | .3   | .5   | .6   | .6  | .4   | .2    | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 216           | 216         | 66          | 48         |
| >= 63                        | .1  | .5   | 1.0  | 1.5  | 1.2  | 1.2 | 1.1  | .3    | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 475           | 475         | 105         | 63         |
| >= 61                        | .2  | 1.1  | 1.4  | 1.4  | 1.3  | 1.3 | .7   | .3    | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 524           | 524         | 162         | 102        |
| >= 59                        | .7  | 1.8  | 2.7  | 2.1  | 1.5  | 1.5 | .9   | .3    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 821           | 821         | 383         | 177        |
| >= 57                        | .9  | 1.8  | 2.7  | 2.3  | 2.0  | 2.0 | 1.0  | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 887           | 887         | 563         | 344        |
| >= 55                        | .9  | 2.6  | 3.1  | 2.8  | 2.0  | 2.0 | 1.0  | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1019          | 1019        | 777         | 402        |
| >= 53                        | .8  | 2.5  | 3.4  | 3.1  | 2.1  | 2.1 | 1.0  | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1067          | 1067        | 873         | 603        |
| >= 51                        | .7  | 2.2  | 2.9  | 2.4  | 1.6  | 1.6 | .4   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 840           | 840         | 946         | 679        |
| >= 49                        | .6  | 2.1  | 2.8  | 2.2  | 1.3  | 1.3 | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 750           | 750         | 1019        | 713        |
| >= 47                        | .3  | 1.6  | 1.9  | 1.6  | .9   | .9  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 516           | 516         | 966         | 737        |
| >= 45                        | .4  | .8   | 1.8  | 1.1  | .5   | .5  | .1   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 380           | 380         | 829         | 837        |
| >= 43                        | .1  | .6   | .9   | .6   | .2   | .2  | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 190           | 190         | 606         | 668        |
| >= 41                        | .1  | .3   | .4   | .2   | .0*  | .0  | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 77            | 77          | 397         | 648        |
| >= 39                        | .1  | .1   | .1   | .1   | .0   | .0  | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 37            | 37          | 246         | 550        |
| >= 37                        | .0* | .0*  | .0*  | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 6             | 6           | 109         | 448        |
| >= 35                        | .0  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 29          | 409        |
| >= 33                        | .0  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 7           | 258        |
| >= 31                        | .0  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 3           | 183        |
| >= 29                        | .0  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 134        |
| >= 27                        | .0  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 76         |
| >= 25                        | .0  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 28         |
| >= 23                        | .0  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 8          |
| >= 21                        | .0  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 6          |
| >= 19                        | .0  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 1          |
| >= 17                        | .0  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 2          |
| >= 15                        | .0  | .0   | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0             | 0           | 0           | 2          |
| TOTAL                        | 6.0 | 18.6 | 26.2 | 23.0 | 16.2 | 7.5 | 2.0  | 2.0   | .5    | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8157          | 8159        | 8159        | 8159       |

| ELEMENT(X)    | SUM X   | SUM X**2  | MEAN | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. |        |        |        |        | TOTAL  |     |
|---------------|---------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|--------|-----|
|               |         |           |      |         |       | <=0 F                             | <=32 F | >=67 F | >=73 F | >=80 F | >=93 F | F   |
| 28 - REL HUM  | 592090. | 44885752. | 72.6 | 15.335  | 8159  | .0                                | .0     | .0     | 3.6    | .0     | .0     | 720 |
| 15 - DRY BULB | 449840. | 25122450. | 55.1 | 6.272   | 8159  | .0                                | .0     | .0     | .0     | .0     | .0     | 720 |
| 16 - WET BULB | 411740. | 21088014. | 50.5 | 6.162   | 8159  | .1                                | .4     | 6.4    | .0     | .0     | .0     | 720 |
| 17 - DEW PT.  | 374460. | 17723368. | 45.9 | 8.116   | 8159  | .0                                | 38.8   | 2.9    | .0     | .0     | .0     | 720 |

## 3 - PSYCHROMETRIC SUMMARY

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : DEC  
PAGE 1

| DRY-BULB<br>TEMP.<br>(DEG F) | 0   | 1-2  | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL |      |      | TOTAL OBS |      |      |
|------------------------------|-----|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|------|-----------|------|------|
|                              |     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |      | W.B.  | DRY  | BULB | WET       | BULB | DEW  |
| >= 71                        | .0  | .0   | .0   | .0   | .0*  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 2     | 2    | 0    | 0         | 0    | 0    |
| >= 69                        | .0  | .0   | .0   | .0   | .0*  | .0   | .0    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 3     | 3    | 0    | 0         | 0    | 0    |
| >= 67                        | .0  | .0   | .0*  | .0   | .1   | .0*  | .0    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 15    | 15   | 0    | 0         | 0    | 0    |
| >= 65                        | .0  | .0*  | .1   | .2   | .2   | .0*  | .0    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 46    | 46   | 0    | 0         | 0    | 0    |
| >= 63                        | .0  | .1   | .1   | .2   | .2   | .1   | .1    | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 82    | 82   | 0    | 0         | 0    | 0    |
| >= 61                        | .0* | .1   | .2   | .3   | .3   | .2   | .1    | .1    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 111   | 111  | 22   | 10        | 2    | 8    |
| >= 59                        | .0* | .2   | .3   | .4   | .5   | .5   | .2    | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 178   | 178  | 58   | 26        | 0    | 26   |
| >= 57                        | .1  | .2   | .4   | .8   | .8   | .8   | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 273   | 273  | 69   | 40        | 0    | 40   |
| >= 55                        | .1  | .3   | .7   | 1.4  | 1.5  | .9   | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 434   | 434  | 109  | 78        | 0    | 78   |
| >= 53                        | .1  | .4   | 1.1  | 1.9  | 1.7  | 1.0  | .3    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 551   | 551  | 154  | 112       | 0    | 112  |
| >= 51                        | .2  | 1.0  | 1.6  | 2.0  | 2.3  | 1.1  | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 715   | 715  | 274  | 172       | 0    | 172  |
| >= 49                        | .4  | 1.4  | 2.4  | 3.1  | 2.7  | .9   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 920   | 920  | 520  | 486       | 0    | 486  |
| >= 47                        | .3  | 1.9  | 3.1  | 3.7  | 2.9  | .5   | .1    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1033  | 1033 | 733  | 538       | 0    | 538  |
| >= 45                        | .7  | 2.3  | 4.4  | 5.0  | 2.9  | .5   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 1345  | 1345 | 921  | 681       | 0    | 681  |
| >= 43                        | .4  | 2.0  | 3.6  | 3.7  | 1.7  | .2   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 980   | 980  | 1100 | 729       | 0    | 729  |
| >= 41                        | .4  | 1.7  | 2.9  | 2.6  | .9   | .1   | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 709   | 709  | 1165 | 799       | 0    | 799  |
| >= 39                        | .4  | 1.2  | 2.6  | 1.8  | .4   | .0*  | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 536   | 536  | 1169 | 857       | 0    | 857  |
| >= 37                        | .2  | .6   | 1.5  | .8   | .2   | .2   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 134   | 134  | 607  | 746       | 0    | 746  |
| >= 35                        | .0* | .4   | .8   | .3   | .1   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 56    | 56   | 353  | 757       | 0    | 757  |
| >= 33                        | .0* | .2   | .3   | .2   | .0*  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 21    | 21   | 164  | 613       | 0    | 613  |
| >= 31                        | .0* | .0*  | .1   | .0*  | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 4     | 4    | 68   | 565       | 0    | 565  |
| >= 29                        | .0  | .0*  | .0*  | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 12   | 372       | 0    | 372  |
| >= 27                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 4    | 231       | 0    | 231  |
| >= 25                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 0    | 119       | 0    | 119  |
| >= 23                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 0    | 74        | 0    | 74   |
| >= 21                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 0    | 40        | 0    | 40   |
| >= 19                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 0    | 22        | 0    | 22   |
| >= 17                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 0    | 9         | 0    | 9    |
| >= 15                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 0    | 5         | 0    | 5    |
| >= 13                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 0    | 3         | 0    | 3    |
| >= 11                        | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 0    | 2         | 0    | 2    |
| >= 9                         | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 0    | 0         | 0    | 0    |
| >= 7                         | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 0    | 0         | 0    | 0    |
| >= 5                         | .0  | .0   | .0   | .0   | .0   | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0    | 0    | 0         | 0    | 0    |
| TOTAL                        | 3.4 | 14.1 | 26.3 | 28.4 | 19.0 | 6.9  | 1.6   | .2    | .0*   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 8426  | 8429 | 8429 | 8429      | 8429 | 8429 |

| ELEMENT(X)    | SUM X   | SUM X**2  | MEAN | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. |        |        |        | TOTAL  |
|---------------|---------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|
|               |         |           |      |         |       | <=0 F                             | <=32 F | >=67 F | >=73 F | >=93 F |
| 28 - REL HUM  | 558972. | 39074904. | 66.3 | 15.414  | 8428  | .0                                | 2.2    | 1.8    | .0     | .0     |
| 15 - DRY BULB | 400024. | 19313042. | 47.5 | 6.245   | 8429  | .3                                | 22.2   | .0     | .0     | .0     |
| 16 - WET BULB | 357975. | 15486511. | 42.5 | 5.800   | 8429  | .0                                | 250.0  | .0     | .0     | .0     |
| 17 - DEW PT.  | 304458. | 11532260. | 36.1 | 7.968   | 8429  | .0                                | 250.0  | .0     | .0     | .0     |

4

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : ANN  
PAGE 1

PAGE 1

DRY-BULB  
TEMP.  
(DEG F)

2. FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)

TOTAL  
D.B./  
W.B.

|     | TOTAL OBS | WET | DRY |
|-----|-----------|-----|-----|
| 1   | 1         | 1   | 0   |
| 2   | 1         | 1   | 0   |
| 3   | 1         | 1   | 0   |
| 4   | 1         | 1   | 0   |
| 5   | 1         | 1   | 0   |
| 6   | 1         | 1   | 0   |
| 7   | 1         | 1   | 0   |
| 8   | 1         | 1   | 0   |
| 9   | 1         | 1   | 0   |
| 10  | 1         | 1   | 0   |
| 11  | 1         | 1   | 0   |
| 12  | 1         | 1   | 0   |
| 13  | 1         | 1   | 0   |
| 14  | 1         | 1   | 0   |
| 15  | 1         | 1   | 0   |
| 16  | 1         | 1   | 0   |
| 17  | 1         | 1   | 0   |
| 18  | 1         | 1   | 0   |
| 19  | 1         | 1   | 0   |
| 20  | 1         | 1   | 0   |
| 21  | 1         | 1   | 0   |
| 22  | 1         | 1   | 0   |
| 23  | 1         | 1   | 0   |
| 24  | 1         | 1   | 0   |
| 25  | 1         | 1   | 0   |
| 26  | 1         | 1   | 0   |
| 27  | 1         | 1   | 0   |
| 28  | 1         | 1   | 0   |
| 29  | 1         | 1   | 0   |
| 30  | 1         | 1   | 0   |
| 31  | 1         | 1   | 0   |
| 32  | 1         | 1   | 0   |
| 33  | 1         | 1   | 0   |
| 34  | 1         | 1   | 0   |
| 35  | 1         | 1   | 0   |
| 36  | 1         | 1   | 0   |
| 37  | 1         | 1   | 0   |
| 38  | 1         | 1   | 0   |
| 39  | 1         | 1   | 0   |
| 40  | 1         | 1   | 0   |
| 41  | 1         | 1   | 0   |
| 42  | 1         | 1   | 0   |
| 43  | 1         | 1   | 0   |
| 44  | 1         | 1   | 0   |
| 45  | 1         | 1   | 0   |
| 46  | 1         | 1   | 0   |
| 47  | 1         | 1   | 0   |
| 48  | 1         | 1   | 0   |
| 49  | 1         | 1   | 0   |
| 50  | 1         | 1   | 0   |
| 51  | 1         | 1   | 0   |
| 52  | 1         | 1   | 0   |
| 53  | 1         | 1   | 0   |
| 54  | 1         | 1   | 0   |
| 55  | 1         | 1   | 0   |
| 56  | 1         | 1   | 0   |
| 57  | 1         | 1   | 0   |
| 58  | 1         | 1   | 0   |
| 59  | 1         | 1   | 0   |
| 60  | 1         | 1   | 0   |
| 61  | 1         | 1   | 0   |
| 62  | 1         | 1   | 0   |
| 63  | 1         | 1   | 0   |
| 64  | 1         | 1   | 0   |
| 65  | 1         | 1   | 0   |
| 66  | 1         | 1   | 0   |
| 67  | 1         | 1   | 0   |
| 68  | 1         | 1   | 0   |
| 69  | 1         | 1   | 0   |
| 70  | 1         | 1   | 0   |
| 71  | 1         | 1   | 0   |
| 72  | 1         | 1   | 0   |
| 73  | 1         | 1   | 0   |
| 74  | 1         | 1   | 0   |
| 75  | 1         | 1   | 0   |
| 76  | 1         | 1   | 0   |
| 77  | 1         | 1   | 0   |
| 78  | 1         | 1   | 0   |
| 79  | 1         | 1   | 0   |
| 80  | 1         | 1   | 0   |
| 81  | 1         | 1   | 0   |
| 82  | 1         | 1   | 0   |
| 83  | 1         | 1   | 0   |
| 84  | 1         | 1   | 0   |
| 85  | 1         | 1   | 0   |
| 86  | 1         | 1   | 0   |
| 87  | 1         | 1   | 0   |
| 88  | 1         | 1   | 0   |
| 89  | 1         | 1   | 0   |
| 90  | 1         | 1   | 0   |
| 91  | 1         | 1   | 0   |
| 92  | 1         | 1   | 0   |
| 93  | 1         | 1   | 0   |
| 94  | 1         | 1   | 0   |
| 95  | 1         | 1   | 0   |
| 96  | 1         | 1   | 0   |
| 97  | 1         | 1   | 0   |
| 98  | 1         | 1   | 0   |
| 99  | 1         | 1   | 0   |
| 100 | 1         | 1   | 0   |

|           |      |     |  |
|-----------|------|-----|--|
| TOTAL OBS |      |     |  |
| IRY       | WET  | DEW |  |
| UB        | BUIB | PT. |  |

|   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |      |   |   |     |
|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|-----|
| > | > | 97 | > | > | 95 | > | > | 93 | > | > | 91 | > | > | 89 | > | > | 87 | > | > | 85 | > | > | 83 | > | > | 81 | > | > | 79 | > | > | 77 | > | > | 75 | > | > | 73 | > | > | 71 | > | > | 69 | > | > | 67 | > | > | 65 | > | > | 63 | > | > | 61 | > | > | 59 | > | > | 57 | > | > | 55 | > | > | 53 | > | > | 51 | > | > | 49 | > | > | 47 | > | > | 45 | > | > | 43 | > | > | 41 | > | > | 39 | > | > | 37 | > | > | 35 | > | > | 33 | > | > | 31 | > | > | 29 | > | > | 27 | > | > | 25 | > | > | 23 | > | > | 21 | > | > | 19 | > | > | 17 | > | > | 15 | > | > | 13 | > | > | 11 | > | > | 9 | > | > | 7 | > | > | 5 | > | > | 3 | > | > | 1 | > | > | -1 | > | > | -3 | > | > | -5 | > | > | -7 | > | > | -9 | > | > | -11 | > | > | -13 | > | > | -15 | > | > | -17 | > | > | -19 | > | > | -21 | > | > | -23 | > | > | -25 | > | > | -27 | > | > | -29 | > | > | -31 | > | > | -33 | > | > | -35 | > | > | -37 | > | > | -39 | > | > | -41 | > | > | -43 | > | > | -45 | > | > | -47 | > | > | -49 | > | > | -51 | > | > | -53 | > | > | -55 | > | > | -57 | > | > | -59 | > | > | -61 | > | > | -63 | > | > | -65 | > | > | -67 | > | > | -69 | > | > | -71 | > | > | -73 | > | > | -75 | > | > | -77 | > | > | -79 | > | > | -81 | > | > | -83 | > | > | -85 | > | > | -87 | > | > | -89 | > | > | -91 | > | > | -93 | > | > | -95 | > | > | -97 | > | > | -99 | > | > | -101 | > | > | -103 | > | > | -105 | > | > | -107 | > | > | -109 | > | > | -111 | > | > | -113 | > | > | -115 | > | > | -117 | > | > | -119 | > | > | -121 | > | > | -123 | > | > | -125 | > | > | -127 | > | > | -129 | > | > | -131 | > | > | -133 | > | > | -135 | > | > | -137 | > | > | -139 | > | > | -141 | > | > | -143 | > | > | -145 | > | > | -147 | > | > | -149 | > | > | -151 | > | > | -153 | > | > | -155 | > | > | -157 | > | > | -159 | > | > | -161 | > | > | -163 | > | > | -165 | > | > | -167 | > | > | -169 | > | > | -171 | > | > | -173 | > | > | -175 | > | > | -177 | > | > | -179 | > | > | -181 | > | > | -183 | > | > | -185 | > | > | -187 | > | > | -189 | > | > | -191 | > | > | -193 | > | > | -195 | > | > | -197 | > | > | -199 | > | > | -201 | > | > | -203 | > | > | -205 | > | > | -207 | > | > | -209 | > | > | -211 | > | > | -213 | > | > | -215 | > | > | -217 | > | > | -219 | > | > | -221 | > | > | -223 | > | > | -225 | > | > | -227 | > | > | -229 | > | > | -231 | > | > | -233 | > | > | -235 | > | > | -237 | > | > | -239 | > | > | -241 | > | > | -243 | > | > | -245 | > | > | -247 | > | > | -249 | > | > | -251 | > | > | -253 | > | > | -255 | > | > | -257 | > | > | -259 | > | > | -261 | > | > | -263 | > | > | -265 | > | > | -267 | > | > | -269 | > | > | -271 | > | > | -273 | > | > | -275 | > | > | -277 | > | > | -279 | > | > | -281 | > | > | -283 | > | > | -285 | > | > | -287 | > | > | -289 | > | > | -291 | > | > | -293 | > | > | -295 | > | > | -297 | > | > | -299 | > | > | -301 | > | > | -303 | > | > | -305 | > | > | -307 | > | > | -309 | > | > | -311 | > | > | -313 | > | > | -315 | > | > | -317 | > | > | -319 | > | > | -32 |
|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|-----|

[illegible]

I - PSYCHROMETRIC SUMMARY

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : ANN  
PAGE 2

| DRY-BULB |     | WET BULB TEMPERATURE DEPRESSION (DEG F) |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |       |       | TOTAL |     | TOTAL OBS |  |
|----------|-----|-----------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-----|-----------|--|
| TEMP.    |     | 0                                       | 1-2  | 3-4  | 5-6  | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | D.B./ | DRY   | WET   | DEW |           |  |
| (DEG F)  |     |                                         |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      | W.B.  | BULB  | BULB  | PT. |           |  |
| >= -3    | .0  | .0                                      | .0   | .0   | .0   | .0  | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 0     | 0     | 0     | 1   |           |  |
| TOTAL    | 8.2 | 23.8                                    | 24.3 | 21.4 | 13.1 | 6.2 | 6.2  | 2.2   | .6    | .2    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0   | 98829 | 98829 | 98825 |     |           |  |
|          |     |                                         |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      | 98804 | 98827 |       |     |           |  |

| ELEMENT(X)    |          | SUM X      | SUM X**2 | MEAN   | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. |        |        |        |        |        |  |  |  |  | TOTAL |       |
|---------------|----------|------------|----------|--------|---------|-------|-----------------------------------|--------|--------|--------|--------|--------|--|--|--|--|-------|-------|
|               |          |            |          |        |         |       | <=0 F                             | <=32 F | >=67 F | >=73 F | >=80 F | >=93 F |  |  |  |  | 98804 | 98827 |
| 28 - REL HUM  | 7459740. | 590831762. | 75.5     | 16.754 | 98825   |       |                                   |        |        |        |        |        |  |  |  |  |       |       |
| 15 - DRY BULB | 5907464. | 371789070. | 59.8     | 13.746 | 98829   |       |                                   |        |        |        |        |        |  |  |  |  |       |       |
| 16 - WET BULB | 5483274. | 323359592. | 55.5     | 13.912 | 98827   |       |                                   |        |        |        |        |        |  |  |  |  |       |       |
| 17 - DEW PT.  | 5082766. | 288317178. | 51.4     | 16.499 | 98825   |       |                                   |        |        |        |        |        |  |  |  |  |       |       |

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JAN  
PAGE 1

| TEMP.<br>(DEG F) | NNW<br>& N | NNE<br>& NE | ENE<br>& E | ESE<br>& SE | WIND DIRECTION<br>SSW<br>& S | WSW<br>& W | WNW<br>& NW | CALM | TOTAL<br>FREQ. | % OF<br>TOTAL |
|------------------|------------|-------------|------------|-------------|------------------------------|------------|-------------|------|----------------|---------------|
| >= 72            | .0         | .0          | .0         | .0          | 100.0                        | .0         | .0          | .0   | 1              | .0*           |
| >= 67            | .0         | .0          | .0         | 14.3        | 14.3                         | 14.3       | .0          | .0   | 7              | .0*           |
| >= 62            | 1.9        | .9          | .0         | .9          | 14.8                         | 24.1       | .9          | .0   | 108            | .5            |
| >= 57            | 2.9        | 1.7         | 2.6        | 2.0         | 10.1                         | 32.7       | 2.3         | 1.4  | 346            | 1.6           |
| >= 52            | 10.0       | 9.5         | 9.7        | 1.9         | 7.9                          | 29.2       | 3.6         | 4.1  | 1035           | 4.9           |
| >= 47            | 15.6       | 21.9        | 16.0       | 3.2         | 5.3                          | 18.1       | 3.4         | 5.3  | 3074           | 14.6          |
| >= 42            | 27.9       | 29.1        | 13.3       | 3.0         | 3.3                          | 9.2        | 4.6         | 5.3  | 6344           | 30.1          |
| >= 37            | 45.4       | 26.6        | 7.0        | 1.0         | 1.3                          | 5.6        | 7.1         | 4.3  | 6779           | 32.2          |
| >= 32            | 59.7       | 17.2        | 2.2        | .2          | .4                           | 4.1        | 11.8        | 3.8  | 3087           | 14.7          |
| >= 27            | 53.5       | 8.6         | .4         | .4          | .0                           | 3.3        | 30.1        | 3.7  | 269            | 1.3           |
| >= 22            | 33.3       | .0          | .0         | .0          | .0                           | .0         | 66.7        | .0   | 3              | .0*           |
| TOTALS           | 35.3       | 23.7        | 9.5        | 1.9         | 2.9                          | 10.0       | 6.5         | 4.6  | 21053          | 100.0         |

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : FEB  
PAGE 1

| TEMP.<br>(DEG F) | NNW<br>£ N | NNE<br>£ NE | ENE<br>£ E | ESE<br>£ SE | WIND DIRECTION |             | WSW<br>£ W | WNW<br>£ NW | CALM | TOTAL<br>FREQ. | % OF<br>TOTAL |
|------------------|------------|-------------|------------|-------------|----------------|-------------|------------|-------------|------|----------------|---------------|
| >= 72            | .0         | .0          | .0         | .0          | SSE<br>£ S     | SSW<br>£ SW | .0         | .0          | .0   | 5              | .0*           |
| >= 67            | .0         | 3.8         | .0         | .0          | 11.5           | 100.0       | 23.1       | .0          | .0   | 26             | .1            |
| >= 62            | 2.9        | 1.7         | 1.7        | 1.2         | 12.8           | 61.5        | 15.1       | .0          | .0   | 172            | .9            |
| >= 57            | 1.9        | 2.8         | 3.9        | 1.5         | 18.8           | 63.4        | 22.0       | .4          | 1.2  | 464            | 2.4           |
| >= 52            | 8.1        | 12.6        | 14.9       | 4.2         | 9.9            | 21.9        | 19.6       | 1.1         | 2.6  | 1121           | 5.8           |
| >= 47            | 17.8       | 21.8        | 18.4       | 4.6         | 6.6            | 9.8         | 11.6       | 2.5         | 7.8  | 2804           | 14.6          |
| >= 42            | 26.5       | 30.1        | 15.2       | 4.1         | 4.7            | 4.4         | 6.0        | 3.2         | 7.0  | 5476           | 28.5          |
| >= 37            | 43.0       | 34.0        | 8.8        | .9          | 1.1            | 1.0         | 3.2        | 4.9         | 5.8  | 5871           | 30.6          |
| >= 32            | 56.4       | 26.8        | 2.6        | .3          | .5             | .5          | 2.1        | 7.6         | 3.1  | 2936           | 15.3          |
| >= 27            | 58.5       | 13.3        | 1.0        | .0          | 1.3            | 1.3         | 2.3        | 20.3        | 2.0  | 301            | 1.6           |
| >= 22            | 22.2       | .0          | .0         | .0          | .0             | .0          | .0         | 77.8        | .0   | 9              | .0*           |
| TOTALS           | 33.4       | 27.3        | 11.1       | 2.4         | 3.9            | 6.2         | 6.6        | 4.4         | 4.6  | 19185          | 100.0         |

NOTES :  
\* = PERCENT < .05



4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : MAR  
PAGE 1

| TEMP.<br>(DEG F) | NNW<br>% | NNE<br>% | ENE<br>% | ESE<br>% | WIND DIRECTION |          |          |          | WSW<br>% | WNW<br>% | CALM | TOTAL<br>FREQ. | % OF<br>TOTAL |
|------------------|----------|----------|----------|----------|----------------|----------|----------|----------|----------|----------|------|----------------|---------------|
|                  |          |          |          |          | SSE<br>%       | SSW<br>% | ESW<br>% | WSW<br>% |          |          |      |                |               |
| >= 67            | 1.2      | .0       | 2.4      | 5.9      | 21.2           | 55.3     | 14.1     | .0       | .0       | .0       | .0   | 85             | .4            |
| >= 62            | 1.6      | 1.4      | 3.0      | 1.9      | 16.5           | 62.0     | 11.8     | .6       | 1.2      | .6       | 1.2  | 774            | 3.6           |
| >= 57            | 5.8      | 6.4      | 8.6      | 3.0      | 21.9           | 38.8     | 11.1     | 1.3      | 3.1      | 1.3      | 3.1  | 1754           | 8.2           |
| >= 52            | 13.8     | 18.3     | 15.4     | 4.2      | 12.3           | 18.0     | 9.2      | 1.5      | 7.3      | 1.5      | 7.3  | 3193           | 15.0          |
| >= 47            | 23.7     | 29.4     | 15.2     | 3.3      | 7.3            | 7.2      | 5.6      | 2.3      | 5.9      | 2.3      | 5.9  | 4723           | 22.4          |
| >= 42            | 35.0     | 34.9     | 12.9     | 2.7      | 3.0            | 1.7      | 3.1      | 2.9      | 3.9      | 2.9      | 3.9  | 5911           | 27.7          |
| >= 37            | 44.3     | 37.4     | 7.8      | 1.5      | .7             | .7       | 1.0      | 4.4      | 2.2      | 4.4      | 2.2  | 3613           | 16.9          |
| >= 32            | 55.2     | 28.0     | 3.1      | .1       | .9             | .6       | 1.7      | 9.1      | 1.4      | 9.1      | 1.4  | 1149           | 5.4           |
| >= 27            | 51.9     | 16.7     | 1.9      | .0       | 3.7            | .0       | 3.7      | 14.8     | 7.4      | 14.8     | 7.4  | 54             | .3            |
| TOTALS           | 28.2     | 27.5     | 11.6     | 2.7      | 7.0            | 10.6     | 5.2      | 2.9      | 4.3      | 2.9      | 4.3  | 21316          | 100.0         |

NOTES :  
\* = PERCENT < .05

# 4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : APR  
PAGE 1

| TEMP.<br>(DEG F) | NNW  |   | NNE  |   | ENE  |   | ESE |      | WIND DIRECTION |     | WSW |   | WNW  |   | CALM | TOTAL<br>FREQ. | % OF<br>TOTAL |
|------------------|------|---|------|---|------|---|-----|------|----------------|-----|-----|---|------|---|------|----------------|---------------|
|                  | E    | N | E    | N | E    | E | E   | S    | SSE            | SSW | E   | W | E    | W |      |                |               |
| >= 77            | 11.1 |   |      |   |      |   |     | 11.1 | 77.8           |     |     |   |      |   |      | 9              | .0*           |
| >= 72            | 1.4  |   | 2.5  |   | 6.8  |   | 2.1 | 19.9 | 54.1           |     | 7.1 |   | 2.5  |   | 3.6  | 281            | 1.4           |
| >= 67            | 1.4  |   | 6.0  |   | 6.1  |   | 2.8 | 19.4 | 52.7           |     | 8.2 |   | .7   |   | 2.7  | 1312           | 6.4           |
| >= 62            | 4.3  |   | 9.1  |   | 7.7  |   | 2.9 | 21.3 | 43.5           |     | 7.2 |   | .8   |   | 3.2  | 3504           | 17.0          |
| >= 57            | 11.5 |   | 19.0 |   | 12.1 |   | 2.9 | 16.7 | 24.0           |     | 5.3 |   | 1.4  |   | 7.1  | 5316           | 25.8          |
| >= 52            | 20.9 |   | 31.2 |   | 14.2 |   | 3.5 | 8.4  | 8.6            |     | 3.1 |   | 1.8  |   | 8.1  | 5183           | 25.2          |
| >= 47            | 31.0 |   | 38.1 |   | 14.8 |   | 1.9 | 3.0  | 2.2            |     | 1.6 |   | 2.4  |   | 4.9  | 3250           | 15.8          |
| >= 42            | 43.5 |   | 35.6 |   | 13.1 |   | 1.0 | .8   | .7             |     | .6  |   | 3.2  |   | 1.6  | 1447           | 7.0           |
| >= 37            | 39.4 |   | 41.9 |   | 8.1  |   | 2.1 | 1.1  | .4             |     | 1.8 |   | 2.5  |   | 2.8  | 284            | 1.4           |
| >= 32            | 33.3 |   | 33.3 |   | .0   |   | .0  | .0   | .0             |     | .0  |   | 33.3 |   | .0   | 6              | .0*           |
| TOTALS           | 17.6 |   | 23.8 |   | 11.9 |   | 2.7 | 12.1 | 20.3           |     | 4.3 |   | 1.7  |   | 5.6  | 20592          | 100.0         |

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : MAY  
PAGE : 1

| TEMP.<br>(DEG F) | NNW<br>& N | NNE<br>& NE | ENE<br>& E | ESE<br>& SE | WIND DIRECTION |             | WSW<br>& W | WNW<br>& NW | CALM  | TOTAL<br>FREQ. | % OF<br>TOTAL |
|------------------|------------|-------------|------------|-------------|----------------|-------------|------------|-------------|-------|----------------|---------------|
|                  |            |             |            |             | SSE<br>& S     | SSW<br>& SW |            |             |       |                |               |
| >= 87            | .0         | .0          | .0         | .0          | .0             | .0          | .0         | .0          | 100.0 | 1              | .0*           |
| >= 82            | .0         | .0          | .0         | .0          | 47.1           | 29.4        | 5.9        | 5.9         | 11.8  | 17             | .1            |
| >= 77            | .9         | 1.5         | 7.7        | 6.1         | 24.8           | 45.1        | 9.8        | .0          | 4.0   | 326            | 1.5           |
| >= 72            | 2.3        | 7.0         | 7.5        | 4.1         | 25.6           | 44.1        | 6.2        | .3          | 3.0   | 2011           | 9.4           |
| >= 67            | 4.8        | 10.5        | 8.5        | 3.6         | 23.6           | 39.6        | 4.6        | .7          | 4.0   | 4584           | 21.5          |
| >= 62            | 11.6       | 19.2        | 9.3        | 3.3         | 18.5           | 25.4        | 4.0        | 2.2         | 6.8   | 7046           | 33.1          |
| >= 57            | 22.2       | 30.3        | 11.1       | 2.6         | 10.0           | 9.8         | 2.5        | 4.2         | 7.4   | 5300           | 24.9          |
| >= 52            | 28.4       | 37.9        | 13.3       | 2.2         | 3.7            | 2.7         | 1.5        | 4.5         | 5.8   | 1780           | 8.4           |
| >= 47            | 36.0       | 37.7        | 18.2       | 2.5         | .8             | .0          | .0         | 3.4         | 1.3   | 236            | 1.1           |
| >= 42            | 100.0      | .0          | .0         | .0          | .0             | .0          | .0         | .0          | .0    | 5              | .0*           |
| TOTALS           | 13.4       | 20.4        | 9.8        | 3.2         | 16.8           | 24.5        | 3.9        | 2.4         | 5.8   | 21306          | 100.0         |

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

543323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JUN  
PAGE 1

| TEMP.<br>(DEG F) | NNW<br>& N |      | NNE<br>& E |  | ENE<br>& E |  | ESE<br>& E |  | WIND DIRECTION<br>SSE & S |  | SSW<br>& SW |  | WSW<br>& W |  | WNW<br>& NW |  | CALM |  | TOTAL<br>FREQ. |  | % OF<br>TOTAL |  |
|------------------|------------|------|------------|--|------------|--|------------|--|---------------------------|--|-------------|--|------------|--|-------------|--|------|--|----------------|--|---------------|--|
|                  |            |      |            |  |            |  |            |  |                           |  |             |  |            |  |             |  |      |  |                |  |               |  |
| >= 87            |            | .0   |            |  | 7.7        |  | .0         |  | 30.8                      |  | 38.5        |  | .0         |  | .0          |  | 23.1 |  | 13             |  | .1            |  |
| >= 82            |            | .8   | 1.7        |  | 5.5        |  | 5.9        |  | 22.4                      |  | 46.4        |  | 11.4       |  | 1.3         |  | 4.6  |  | 237            |  | 1.2           |  |
| >= 77            |            | 2.2  | 5.5        |  | 8.1        |  | 5.2        |  | 27.3                      |  | 37.8        |  | 8.7        |  | .8          |  | 4.3  |  | 1683           |  | 8.2           |  |
| >= 72            |            | 3.6  | 11.1       |  | 9.0        |  | 3.3        |  | 24.1                      |  | 37.1        |  | 5.4        |  | .9          |  | 5.5  |  | 4679           |  | 22.7          |  |
| >= 67            |            | 9.8  | 17.0       |  | 9.1        |  | 3.3        |  | 22.8                      |  | 22.4        |  | 4.1        |  | 2.2         |  | 9.3  |  | 6829           |  | 33.2          |  |
| >= 62            |            | 20.3 | 32.9       |  | 14.6       |  | 2.4        |  | 8.0                       |  | 7.1         |  | 1.8        |  | 3.7         |  | 9.0  |  | 5476           |  | 26.6          |  |
| >= 57            |            | 27.2 | 42.6       |  | 19.1       |  | 2.1        |  | 1.2                       |  | 1.4         |  | .3         |  | 3.0         |  | 3.1  |  | 1461           |  | 7.1           |  |
| >= 52            |            | 28.9 | 42.6       |  | 18.8       |  | 1.5        |  | .5                        |  | .0          |  | .0         |  | 5.1         |  | 2.5  |  | 197            |  | 1.0           |  |
| >= 47            |            | .0   | 100.0      |  | .0         |  | .0         |  | .0                        |  | .0          |  | .0         |  | .0          |  | .0   |  | 1              |  | .0*           |  |
| TOTALS           |            | 11.9 | 20.8       |  | 11.2       |  | 3.1        |  | 17.8                      |  | 21.5        |  | 4.0        |  | 2.2         |  | 7.4  |  | 20576          |  | 100.0         |  |

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JUL  
PAGE 1

| TEMP.<br>(DEG F) | NNW<br>E N |      | NNE<br>ENE |      | ENE<br>E E |      | ESE<br>E SE |      | WIND DIRECTION<br>SSE<br>E S |      | SSW<br>ESW |     | WSW<br>E W |     | WNW<br>ENW |     | CALM | TOTAL<br>FREQ. | # OF<br>TOTAL |
|------------------|------------|------|------------|------|------------|------|-------------|------|------------------------------|------|------------|-----|------------|-----|------------|-----|------|----------------|---------------|
|                  |            |      |            |      |            |      |             |      |                              |      |            |     |            |     |            |     |      |                |               |
| >= 97            | .0         | .0   | .0         | .0   | .0         | .0   | .0          | .0   | 50.0                         | 33.3 | .0         | .0  | .0         | .0  | .0         | .0  | 16.7 | 6              | .0*           |
| >= 92            | .0         | .0   | .0         | .0   | 5.9        | .0   | .0          | .0   | 35.3                         | 47.1 | .0         | .0  | .0         | .0  | .0         | .0  | 11.8 | 17             | .1            |
| >= 87            | .8         | .8   | 4.6        | 4.6  | 9.9        | 9.9  | 5.2         | 28.6 | 26.6                         | 41.6 | 3.9        | 3.9 | 3.9        | .3  | .3         | .3  | 5.0  | 615            | 2.9           |
| >= 82            | 1.8        | 1.8  | 7.1        | 7.1  | 8.7        | 8.7  | 4.4         | 27.3 | 27.3                         | 42.0 | 4.5        | 4.5 | 4.5        | .6  | .6         | .6  | 3.7  | 2703           | 12.7          |
| >= 77            | 3.5        | 3.5  | 7.8        | 7.8  | 6.7        | 6.7  | 3.3         | 23.5 | 23.5                         | 41.3 | 6.3        | 6.3 | 6.3        | 1.0 | 1.0        | 1.0 | 6.5  | 6036           | 28.3          |
| >= 72            | 8.6        | 8.6  | 14.1       | 14.1 | 7.7        | 7.7  | 2.7         | 19.7 | 19.7                         | 29.1 | 4.4        | 4.4 | 4.4        | 2.5 | 2.5        | 2.5 | 11.2 | 7394           | 34.7          |
| >= 67            | 14.7       | 14.7 | 27.9       | 27.9 | 16.4       | 16.4 | 3.5         | 12.3 | 12.3                         | 8.7  | 2.1        | 2.1 | 2.1        | 2.9 | 2.9        | 2.9 | 11.4 | 3406           | 16.0          |
| >= 62            | 24.1       | 24.1 | 48.9       | 48.9 | 17.5       | 17.5 | .7          | 2.1  | 2.1                          | .9   | .9         | .9  | .9         | 2.2 | 2.2        | 2.2 | 2.8  | 1015           | 4.8           |
| >= 57            | 29.8       | 29.8 | 57.0       | 57.0 | 13.2       | 13.2 | .0          | .0   | .0                           | .0   | .0         | .0  | .0         | .0  | .0         | .0  | .0   | 114            | .5            |
| TOTALS           | 7.9        | 7.9  | 15.2       | 15.2 | 9.5        | 9.5  | 3.2         | 19.9 | 19.9                         | 29.8 | 4.4        | 4.4 | 4.4        | 1.8 | 1.8        | 1.8 | 8.3  | 21306          | 100.0         |

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : AUG  
PAGE 1

| TEMP.<br>(DEG F) | NNW<br>& N | NNE<br>& NE | ENE<br>& E | ESE<br>& SE | WIND DIRECTION |             | WSW<br>& W | WNW<br>& NW | CALM | TOTAL<br>FREQ. | % OF<br>TOTAL |
|------------------|------------|-------------|------------|-------------|----------------|-------------|------------|-------------|------|----------------|---------------|
| >= 97            | .0         | .0          | .0         | .0          | SSE<br>& S     | SSW<br>& SW | .0         | .0          | .0   | 3              | .0*           |
| >= 92            | .0         | .0          | 12.7       | 6.3         | 30.4           | 41.8        | 2.5        | 1.3         | 5.1  | 79             | .4            |
| >= 87            | 1.4        | 5.5         | 9.9        | 5.3         | 28.9           | 40.4        | 6.4        | .1          | 2.2  | 1365           | 6.4           |
| >= 82            | 3.0        | 11.1        | 9.7        | 3.5         | 26.8           | 36.2        | 5.8        | .4          | 3.4  | 4401           | 20.7          |
| >= 77            | 5.3        | 11.8        | 8.1        | 4.0         | 24.4           | 32.7        | 5.0        | 2.0         | 6.7  | 9122           | 42.8          |
| >= 72            | 12.8       | 23.9        | 16.2       | 2.6         | 12.4           | 14.3        | 2.9        | 4.0         | 10.9 | 5286           | 24.8          |
| >= 67            | 27.1       | 37.8        | 15.8       | 1.4         | 4.4            | 2.0         | 2.0        | 4.3         | 5.4  | 912            | 4.3           |
| >= 62            | 52.3       | 38.6        | 6.8        | .0          | .0             | .0          | .0         | 1.5         | .8   | 132            | .6            |
| >= 57            | 100.0      | .0          | .0         | .0          | .0             | .0          | .0         | .0          | .0   | 6              | .0*           |
| TOTALS           | 7.7        | 15.5        | 10.9       | 3.5         | 21.2           | 27.8        | 4.6        | 2.1         | 6.6  | 21309          | 100.0         |

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : SEP  
PAGE 1

| TEMP.<br>(DEG F) | NNW<br>% | NNE<br>% | ENE<br>% | ESE<br>% | WIND DIRECTION |          | WSW<br>% | WNW<br>% | CALM | TOTAL<br>FREQ. | % OF<br>TOTAL |
|------------------|----------|----------|----------|----------|----------------|----------|----------|----------|------|----------------|---------------|
| >= 92            | .0       | .0       | .0       | .0       | SSE<br>%       | SSW<br>% | .0       | .0       | .0   | 6              | .0*           |
| >= 87            | .0       | 1.6      | 4.4      | 4.9      | 27.3           | 54.1     | 6.6      | .0       | 1.1  | 183            | .9            |
| >= 82            | 1.9      | 7.9      | 11.2     | 3.8      | 24.4           | 40.5     | 6.1      | .3       | 3.8  | 1299           | 6.3           |
| >= 77            | 5.3      | 14.7     | 10.4     | 3.1      | 20.6           | 35.9     | 4.2      | .7       | 5.1  | 3948           | 19.2          |
| >= 72            | 14.4     | 29.3     | 14.3     | 3.1      | 11.5           | 14.1     | 2.8      | 2.2      | 8.3  | 6096           | 29.6          |
| >= 67            | 29.9     | 37.4     | 13.7     | 1.9      | 4.0            | 3.0      | 1.2      | 2.8      | 6.1  | 5617           | 27.3          |
| >= 62            | 53.0     | 28.4     | 7.9      | .9       | 1.3            | 1.4      | .7       | 3.4      | 3.0  | 2960           | 14.4          |
| >= 57            | 74.0     | 19.2     | .6       | .0       | .2             | .0       | .4       | 4.6      | 1.0  | 480            | 2.3           |
| >= 52            | 100.0    | .0       | .0       | .0       | .0             | .0       | .0       | .0       | .0   | 21             | .1            |
| TOTALS           | 23.0     | 26.7     | 11.9     | 2.5      | 10.4           | 15.1     | 2.5      | 2.2      | 5.8  | 20610          | 100.0         |

NOTES :  
\* = PERCENT < .05

# 4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VERSUS

WIND DIRECTION

(FROM HOURLY OBSERVATIONS)

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E

ELEV. : 10 FT

MONTH : OCT

PAGE 1

| TEMP.<br>(DEG F) | NNW<br>& N |      | NNE<br>& NE |      | ENE<br>& E |      | ESE<br>& SE |      | WIND DIRECTION |             |  |  | WSW<br>& W |  | WNW<br>& NW |  | CALM |  | TOTAL<br>FREQ. |  | % OF<br>TOTAL |  |
|------------------|------------|------|-------------|------|------------|------|-------------|------|----------------|-------------|--|--|------------|--|-------------|--|------|--|----------------|--|---------------|--|
|                  |            |      |             |      |            |      |             |      | SSE<br>& S     | SSW<br>& SW |  |  |            |  |             |  |      |  |                |  |               |  |
| >= 82            |            | .0   |             | .0   | 6.7        | 13.3 | 13.3        | 13.3 | 13.3           | 53.3        |  |  | 13.3       |  | .0          |  | .0   |  | 15             |  | .1            |  |
| >= 77            | 3.0        | 1.9  | 16.2        | 1.9  | 6.1        | 3.4  | 3.4         | 24.3 | 24.3           | 51.3        |  |  | 7.6        |  | .8          |  | 1.5  |  | 263            |  | 1.2           |  |
| >= 72            | 4.8        | 16.2 | 16.2        | 16.2 | 11.7       | 3.0  | 3.0         | 15.5 | 15.5           | 36.1        |  |  | 6.6        |  | 1.1         |  | 5.0  |  | 1333           |  | 6.3           |  |
| >= 67            | 14.2       | 28.9 | 28.9        | 28.9 | 16.6       | 3.0  | 3.0         | 9.9  | 9.9            | 14.5        |  |  | 4.5        |  | 1.4         |  | 7.1  |  | 3490           |  | 16.4          |  |
| >= 62            | 32.1       | 34.3 | 34.3        | 34.3 | 12.9       | 2.0  | 2.0         | 4.8  | 4.8            | 4.4         |  |  | 2.0        |  | 2.1         |  | 5.4  |  | 7045           |  | 33.0          |  |
| >= 57            | 45.1       | 32.2 | 32.2        | 32.2 | 9.6        | 1.4  | 1.4         | 1.6  | 1.6            | 1.3         |  |  | 1.2        |  | 3.7         |  | 4.1  |  | 6652           |  | 31.2          |  |
| >= 52            | 61.8       | 25.4 | 25.4        | 25.4 | 4.2        | .8   | .8          | .6   | .6             | .2          |  |  | .5         |  | 4.8         |  | 1.7  |  | 2294           |  | 10.8          |  |
| >= 47            | 65.7       | 14.4 | 14.4        | 14.4 | 1.9        | .9   | .9          | .0   | .0             | .0          |  |  | .5         |  | 14.4        |  | 2.3  |  | 216            |  | 1.0           |  |
| >= 42            | 88.9       | 11.1 | 11.1        | 11.1 | .0         | .0   | .0          | .0   | .0             | .0          |  |  | .0         |  | .0          |  | .0   |  | 9              |  | .0*           |  |
| TOTALS           | 34.7       | 30.0 | 30.0        | 30.0 | 11.3       | 1.9  | 1.9         | 5.0  | 5.0            | 7.2         |  |  | 2.3        |  | 2.8         |  | 4.8  |  | 21317          |  | 100.0         |  |

NOTES : \* = PERCENT < .05



4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : NOV  
PAGE 1

| TEMP.<br>(DEG F) | NNW  |      | NNE  |      | ENE |      | ESE |      | WIND DIRECTION |      | WSW  |      | WNW  |      | CALM | TOTAL<br>FREQ. | % OF<br>TOTAL |
|------------------|------|------|------|------|-----|------|-----|------|----------------|------|------|------|------|------|------|----------------|---------------|
|                  | E    | N    | E    | N    | E   | N    | E   | S    | SSE            | SSW  | E    | W    | E    | W    |      |                |               |
| >= 77            | .0   | .0   | .0   | .0   | .0  | .0   | .0  | 20.0 | 20.0           | 60.0 | 20.0 | 20.0 | .0   | .0   | .0   | 5              | .0*           |
| >= 72            | 3.8  | .0   | .8   | .0   | 2.3 | .0   | 2.3 | 7.6  | 75.6           | 75.6 | 8.4  | 8.4  | .8   | .8   | .8   | 131            | .6            |
| >= 67            | 5.3  | 6.8  | 6.7  | 6.8  | 2.4 | 6.7  | 2.4 | 13.0 | 47.3           | 47.3 | 13.2 | 13.2 | .7   | .7   | 4.6  | 675            | 3.3           |
| >= 62            | 11.8 | 23.6 | 12.4 | 23.6 | 3.4 | 12.4 | 3.4 | 8.3  | 20.5           | 20.5 | 11.4 | 11.4 | 1.2  | 1.2  | 7.4  | 2262           | 11.0          |
| >= 57            | 25.2 | 31.3 | 13.7 | 31.3 | 2.5 | 13.7 | 2.5 | 4.3  | 6.1            | 6.1  | 6.5  | 6.5  | 3.1  | 3.1  | 7.3  | 5210           | 25.3          |
| >= 52            | 35.1 | 34.3 | 11.5 | 34.3 | 2.0 | 11.5 | 2.0 | 2.6  | 2.3            | 2.3  | 3.5  | 3.5  | 3.8  | 3.8  | 5.0  | 6463           | 31.3          |
| >= 47            | 41.7 | 35.6 | 8.9  | 35.6 | 1.4 | 8.9  | 1.4 | 1.3  | .7             | .7   | 1.9  | 1.9  | 4.6  | 4.6  | 3.9  | 4011           | 19.4          |
| >= 42            | 50.9 | 33.1 | 3.2  | 33.1 | .2  | 3.2  | .2  | 1.4  | .2             | .2   | 1.9  | 1.9  | 6.8  | 6.8  | 2.3  | 1652           | 8.0           |
| >= 37            | 51.6 | 25.1 | 4.6  | 25.1 | .5  | 4.6  | .5  | .5   | .0             | .0   | 3.2  | 3.2  | 11.9 | 11.9 | 2.7  | 219            | 1.1           |
| TOTALS           | 31.6 | 31.3 | 10.7 | 31.3 | 2.0 | 10.7 | 2.0 | 3.7  | 3.7            | 6.7  | 5.0  | 5.0  | 3.7  | 3.7  | 5.4  | 20628          | 100.0         |

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : DEC  
PAGE 1

| TEMP.<br>(DEG F) | NNW  |      | NNE  |      | ENE  |      | ESE |     | SSE  |      | SSW  |      | WSW  |      | WNW  |      | CALM |     | TOTAL |       | % OF  |       |
|------------------|------|------|------|------|------|------|-----|-----|------|------|------|------|------|------|------|------|------|-----|-------|-------|-------|-------|
|                  | E N  |      | ENE  |      | E E  |      | ESE |     | E S  |      | ESW  |      | E W  |      | ENW  |      |      |     | FREQ. |       | TOTAL |       |
| >= 67            | 2.0  | 2.0  | .0   | .0   | 2.0  | 2.0  | .0  | .0  | 12.0 | 12.0 | 56.0 | 56.0 | 28.0 | 28.0 | .0   | .0   | .0   | .0  | 50    | 50    | .2    | .2    |
| >= 62            | 1.8  | 1.8  | 2.7  | 2.7  | 3.1  | 3.1  | 1.6 | 1.6 | 12.0 | 12.0 | 57.8 | 57.8 | 20.0 | 20.0 | .4   | .4   | .7   | .7  | 450   | 450   | 2.1   | 2.1   |
| >= 57            | 7.6  | 7.6  | 10.0 | 10.0 | 9.4  | 9.4  | 2.8 | 2.8 | 8.0  | 8.0  | 32.0 | 32.0 | 24.1 | 24.1 | 1.6  | 1.6  | 4.5  | 4.5 | 1334  | 1334  | 6.3   | 6.3   |
| >= 52            | 15.7 | 15.7 | 23.7 | 23.7 | 14.0 | 14.0 | 3.5 | 3.5 | 5.6  | 5.6  | 11.3 | 11.3 | 15.9 | 15.9 | 2.5  | 2.5  | 7.9  | 7.9 | 3517  | 3517  | 16.5  | 16.5  |
| >= 47            | 29.1 | 29.1 | 29.4 | 29.4 | 14.0 | 14.0 | 2.9 | 2.9 | 4.3  | 4.3  | 3.6  | 3.6  | 5.7  | 5.7  | 3.1  | 3.1  | 7.8  | 7.8 | 5560  | 5560  | 26.1  | 26.1  |
| >= 42            | 43.3 | 43.3 | 29.5 | 29.5 | 6.5  | 6.5  | 1.1 | 1.1 | 1.9  | 1.9  | 1.8  | 1.8  | 4.4  | 4.4  | 6.0  | 6.0  | 5.5  | 5.5 | 6735  | 6735  | 31.6  | 31.6  |
| >= 37            | 56.5 | 56.5 | 17.0 | 17.0 | 2.7  | 2.7  | .6  | .6  | .7   | .7   | 1.0  | 1.0  | 3.9  | 3.9  | 13.7 | 13.7 | 4.0  | 4.0 | 3076  | 3076  | 14.4  | 14.4  |
| >= 32            | 55.8 | 55.8 | 6.6  | 6.6  | 1.4  | 1.4  | .0  | .0  | .0   | .0   | .0   | .0   | 5.0  | 5.0  | 28.6 | 28.6 | 2.7  | 2.7 | 563   | 563   | 2.6   | 2.6   |
| >= 27            | 46.2 | 46.2 | .0   | .0   | .0   | .0   | .0  | .0  | .0   | .0   | .0   | .0   | 15.4 | 15.4 | 38.5 | 38.5 | .0   | .0  | 13    | 13    | .1    | .1    |
| TOTALS           | 34.1 | 34.1 | 24.2 | 24.2 | 9.1  | 9.1  | 2.0 | 2.0 | 3.5  | 3.5  | 6.9  | 6.9  | 8.2  | 8.2  | 6.0  | 6.0  | 6.0  | 6.0 | 21298 | 21298 | 100.0 | 100.0 |

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : ANN  
PAGE 1

| TEMP.<br>(DEG F) | NNW<br>E N | NNE<br>E NE | ENE<br>E E | WIND DIRECTION |            |             | WSW<br>E W | WNW<br>E NW | CALM | TOTAL<br>FREQ. | % OF<br>TOTAL |
|------------------|------------|-------------|------------|----------------|------------|-------------|------------|-------------|------|----------------|---------------|
|                  |            |             |            | ESE<br>E SE    | SSE<br>E S | SSW<br>E SW |            |             |      |                |               |
| >= 97            | .0         | .0          | .0         | .0             | 55.6       | 33.3        | .0         | .0          | 11.1 | 9              | .0*           |
| >= 92            | .0         | .0          | 10.8       | 4.9            | 31.4       | 44.1        | 2.0        | 1.0         | 5.9  | 102            | .0*           |
| >= 87            | 1.1        | 4.9         | 9.4        | 5.2            | 28.7       | 41.8        | 5.6        | .2          | 3.1  | 2177           | .9            |
| >= 82            | 2.4        | 9.1         | 9.5        | 3.9            | 26.5       | 39.0        | 5.6        | .5          | 3.6  | 8672           | 3.5           |
| >= 77            | 4.5        | 10.4        | 8.1        | 3.8            | 23.7       | 36.5        | 5.6        | 1.3         | 6.0  | 21392          | 8.5           |
| >= 72            | 9.1        | 18.3        | 11.2       | 3.0            | 17.4       | 26.2        | 4.2        | 2.2         | 8.5  | 27219          | 10.9          |
| >= 67            | 14.3       | 22.9        | 11.8       | 2.9            | 14.9       | 20.2        | 3.8        | 2.0         | 7.1  | 26994          | 10.8          |
| >= 62            | 21.1       | 25.3        | 10.9       | 2.4            | 10.6       | 17.6        | 4.2        | 2.2         | 5.7  | 30944          | 12.4          |
| >= 57            | 25.0       | 26.1        | 11.2       | 2.3            | 8.4        | 13.0        | 5.5        | 2.9         | 5.6  | 28437          | 11.4          |
| >= 52            | 26.4       | 27.5        | 12.5       | 2.8            | 5.9        | 8.5         | 7.3        | 2.9         | 6.2  | 24804          | 9.9           |
| >= 47            | 27.7       | 29.7        | 14.2       | 2.8            | 4.6        | 5.3         | 6.7        | 3.2         | 5.8  | 23935          | 9.6           |
| >= 42            | 35.1       | 31.2        | 11.3       | 2.4            | 2.9        | 2.7         | 5.2        | 4.4         | 4.8  | 27579          | 11.0          |
| >= 37            | 46.2       | 29.5        | 7.0        | 1.0            | 1.0        | 1.1         | 3.7        | 7.0         | 3.4  | 19842          | 7.9           |
| >= 32            | 57.5       | 21.7        | 2.4        | .2             | .5         | .5          | 3.0        | 11.1        | 3.1  | 7741           | 3.1           |
| >= 27            | 55.6       | 11.3        | .8         | .2             | .9         | .6          | 3.1        | 24.3        | 3.1  | 637            | .3            |
| >= 22            | 25.0       | .0          | .0         | .0             | .0         | .0          | .0         | 75.0        | .0   | 12             | .0*           |
| TOTALS           | 23.2       | 23.8        | 10.7       | 2.6            | 10.4       | 15.3        | 5.1        | 3.2         | 5.8  | 250496         | 100.0         |

NOTES :  
\* = PERCENT < .05

## 11 - SKY COVER

U43323 YOKOSUKA, JAPAN  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 PERIOD OF RECORD : 1953-1987

| MCNTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TOTAL SKY COVER<br>(FROM HOURLY OBSERVATIONS) |           |        |          | TOTAL |
|-------|----------------|-----------------------------------------------------------------------|-----------|--------|----------|-------|
|       |                | CLEAR                                                                 | SCATTERED | BROKEN | OVERCAST |       |
| JAN   | 00             | 35.8                                                                  | 23.7      | 15.8   | 24.6     | 897   |
|       | 03             | 36.5                                                                  | 22.0      | 15.5   | 26.0     | 899   |
|       | 06             | 30.4                                                                  | 27.5      | 16.9   | 25.3     | 899   |
|       | 09             | 27.0                                                                  | 29.4      | 19.3   | 24.3     | 896   |
|       | 12             | 23.9                                                                  | 31.9      | 18.1   | 26.1     | 894   |
|       | 15             | 19.6                                                                  | 35.1      | 18.7   | 26.6     | 894   |
|       | 18             | 23.6                                                                  | 31.0      | 18.0   | 27.4     | 899   |
|       | 21             | 34.9                                                                  | 25.5      | 14.5   | 25.1     | 899   |
|       | ALL            | 29.0                                                                  | 28.3      | 17.1   | 25.7     | 7177  |
| FEB   | 00             | 27.6                                                                  | 20.4      | 15.6   | 36.4     | 819   |
|       | 03             | 28.4                                                                  | 19.6      | 16.3   | 35.7     | 817   |
|       | 06             | 20.6                                                                  | 25.6      | 19.7   | 34.1     | 816   |
|       | 09             | 20.5                                                                  | 26.0      | 18.3   | 35.2     | 813   |
|       | 12             | 18.2                                                                  | 27.6      | 19.1   | 35.2     | 813   |
|       | 15             | 15.5                                                                  | 29.2      | 17.5   | 37.8     | 815   |
|       | 18             | 14.7                                                                  | 28.7      | 18.5   | 38.1     | 816   |
|       | 21             | 24.2                                                                  | 24.1      | 16.1   | 35.6     | 818   |
|       | ALL            | 21.2                                                                  | 25.1      | 17.6   | 36.0     | 6527  |
| MAR   | 00             | 20.6                                                                  | 20.1      | 14.4   | 44.9     | 960   |
|       | 03             | 21.4                                                                  | 18.1      | 16.2   | 44.2     | 961   |
|       | 06             | 12.9                                                                  | 22.9      | 20.6   | 43.5     | 959   |
|       | 09             | 17.0                                                                  | 20.4      | 17.0   | 45.6     | 954   |
|       | 12             | 13.2                                                                  | 25.8      | 17.9   | 43.1     | 954   |
|       | 15             | 10.9                                                                  | 24.6      | 20.7   | 43.8     | 956   |
|       | 18             | 9.5                                                                   | 24.3      | 20.3   | 45.9     | 960   |
|       | 21             | 20.2                                                                  | 19.1      | 14.9   | 45.8     | 961   |
|       | ALL            | 15.7                                                                  | 21.9      | 17.8   | 44.6     | 7665  |
| APR   | 00             | 14.9                                                                  | 16.6      | 15.4   | 53.2     | 899   |
|       | 03             | 16.0                                                                  | 15.1      | 16.4   | 52.5     | 899   |
|       | 06             | 9.5                                                                   | 17.5      | 19.4   | 53.7     | 899   |
|       | 09             | 11.8                                                                  | 18.8      | 17.5   | 51.9     | 899   |
|       | 12             | 10.8                                                                  | 19.0      | 22.5   | 47.7     | 895   |
|       | 15             | 10.9                                                                  | 19.8      | 20.5   | 48.8     | 896   |
|       | 18             | 8.7                                                                   | 16.1      | 25.2   | 50.0     | 900   |
|       | 21             | 14.6                                                                  | 18.6      | 17.2   | 49.7     | 900   |
|       | ALL            | 12.1                                                                  | 17.7      | 19.2   | 50.9     | 7187  |

# 11 - SKY COVER

043323 YOKOSUKA, JAPAN  
LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
PERIOD OF RECORD : 1953-1987

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TOTAL SKY COVER<br>(FROM HOURLY OBSERVATIONS) |           |        |          | TOTAL |
|-------|----------------|-----------------------------------------------------------------------|-----------|--------|----------|-------|
|       |                | CLEAR                                                                 | SCATTERED | BROKEN | OVERCAST |       |
| MAY   | 00             | 12.1                                                                  | 19.2      | 17.0   | 51.8     | 929   |
|       | 03             | 14.5                                                                  | 15.8      | 17.4   | 52.3     | 930   |
|       | 06             | 7.7                                                                   | 15.4      | 23.0   | 54.0     | 928   |
|       | 09             | 7.5                                                                   | 16.5      | 22.5   | 53.5     | 930   |
|       | 12             | 7.8                                                                   | 20.8      | 20.6   | 50.8     | 927   |
|       | 15             | 7.0                                                                   | 21.0      | 20.6   | 51.4     | 930   |
|       | 18             | 6.5                                                                   | 15.1      | 24.3   | 54.2     | 930   |
|       | 21             | 11.3                                                                  | 18.4      | 18.8   | 51.5     | 930   |
|       | ALL            | 9.3                                                                   | 17.8      | 20.5   | 52.4     | 7434  |
| JUN   | 00             | 5.9                                                                   | 12.6      | 15.9   | 65.6     | 899   |
|       | 03             | 5.9                                                                   | 12.0      | 14.0   | 68.1     | 900   |
|       | 06             | 3.2                                                                   | 8.1       | 18.1   | 70.6     | 897   |
|       | 09             | 3.0                                                                   | 12.2      | 19.2   | 65.6     | 896   |
|       | 12             | 3.0                                                                   | 11.6      | 22.6   | 62.8     | 897   |
|       | 15             | 3.1                                                                   | 13.0      | 22.7   | 61.2     | 899   |
|       | 18             | 2.8                                                                   | 9.4       | 25.9   | 61.9     | 898   |
|       | 21             | 4.9                                                                   | 13.0      | 20.2   | 61.8     | 899   |
|       | ALL            | 4.0                                                                   | 11.5      | 19.8   | 64.7     | 7185  |
| JUL   | 00             | 7.0                                                                   | 18.0      | 20.6   | 54.5     | 929   |
|       | 03             | 8.0                                                                   | 17.9      | 18.2   | 56.0     | 929   |
|       | 06             | 2.5                                                                   | 14.7      | 21.7   | 61.1     | 926   |
|       | 09             | 2.5                                                                   | 15.1      | 25.0   | 57.4     | 928   |
|       | 12             | 1.9                                                                   | 20.4      | 27.8   | 49.9     | 926   |
|       | 15             | 3.3                                                                   | 21.2      | 28.9   | 46.6     | 928   |
|       | 18             | 3.2                                                                   | 17.8      | 28.7   | 50.3     | 929   |
|       | 21             | 7.6                                                                   | 19.9      | 20.8   | 51.7     | 930   |
|       | ALL            | 4.5                                                                   | 16.1      | 23.9   | 53.4     | 7425  |
| AUG   | 00             | 10.8                                                                  | 27.2      | 22.6   | 39.4     | 929   |
|       | 03             | 10.4                                                                  | 26.7      | 23.7   | 39.2     | 930   |
|       | 06             | 2.2                                                                   | 21.4      | 30.9   | 45.6     | 930   |
|       | 09             | 1.7                                                                   | 23.5      | 32.9   | 41.8     | 930   |
|       | 12             | 2.4                                                                   | 28.6      | 32.2   | 36.8     | 929   |
|       | 15             | 4.1                                                                   | 30.9      | 29.9   | 35.1     | 929   |
|       | 18             | 4.0                                                                   | 25.2      | 33.1   | 37.7     | 930   |
|       | 21             | 8.4                                                                   | 28.5      | 24.8   | 38.3     | 930   |
|       | ALL            | 5.5                                                                   | 26.5      | 28.8   | 39.2     | 7437  |

## 11 - SKY COVER

043323 YOKOSUKA, JAPAN  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 PERIOD OF RECORD : 1953-1987

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TOTAL SKY COVER<br>(FROM HOURLY OBSERVATIONS) |           |        |          | TOTAL |
|-------|----------------|-----------------------------------------------------------------------|-----------|--------|----------|-------|
|       |                | CLEAR                                                                 | SCATTERED | BROKEN | OVERCAST |       |
| SEP   | 00             | 8.2                                                                   | 18.4      | 20.7   | 52.7     | 898   |
|       | 03             | 8.9                                                                   | 16.5      | 22.7   | 51.9     | 899   |
|       | 06             | 3.1                                                                   | 15.2      | 26.3   | 55.4     | 897   |
|       | 09             | 1.5                                                                   | 20.1      | 25.1   | 53.3     | 896   |
|       | 12             | 2.8                                                                   | 20.9      | 28.1   | 48.2     | 898   |
|       | 15             | 3.6                                                                   | 22.6      | 26.2   | 47.7     | 898   |
|       | 18             | 2.6                                                                   | 20.4      | 27.1   | 49.9     | 899   |
|       | 21             | 7.8                                                                   | 19.6      | 22.5   | 50.2     | 899   |
|       | ALL            | 4.8                                                                   | 19.2      | 24.8   | 51.2     | 7184  |
| OCT   | 00             | 13.0                                                                  | 18.9      | 20.7   | 47.3     | 961   |
|       | 03             | 13.6                                                                  | 19.5      | 18.9   | 48.0     | 961   |
|       | 06             | 6.4                                                                   | 19.7      | 25.0   | 48.9     | 959   |
|       | 09             | 8.0                                                                   | 20.7      | 21.2   | 50.0     | 960   |
|       | 12             | 7.9                                                                   | 23.2      | 22.7   | 46.1     | 960   |
|       | 15             | 10.0                                                                  | 21.9      | 21.9   | 46.2     | 959   |
|       | 18             | 9.6                                                                   | 21.6      | 22.6   | 46.2     | 959   |
|       | 21             | 12.0                                                                  | 22.9      | 17.7   | 47.4     | 960   |
|       | ALL            | 10.1                                                                  | 21.1      | 21.4   | 47.5     | 7679  |
| NOV   | 00             | 20.5                                                                  | 22.1      | 21.5   | 36.0     | 929   |
|       | 03             | 23.3                                                                  | 23.1      | 18.0   | 35.7     | 928   |
|       | 06             | 13.2                                                                  | 29.6      | 22.6   | 34.6     | 929   |
|       | 09             | 14.8                                                                  | 26.7      | 24.2   | 34.3     | 921   |
|       | 12             | 16.0                                                                  | 26.0      | 22.8   | 35.3     | 927   |
|       | 15             | 15.8                                                                  | 24.8      | 22.3   | 37.2     | 925   |
|       | 18             | 18.8                                                                  | 23.3      | 19.5   | 38.5     | 928   |
|       | 21             | 21.2                                                                  | 21.2      | 18.8   | 38.8     | 930   |
|       | ALL            | 17.9                                                                  | 24.6      | 21.2   | 36.3     | 7417  |
| DEC   | 00             | 32.1                                                                  | 26.1      | 15.3   | 26.5     | 960   |
|       | 03             | 34.0                                                                  | 26.4      | 15.8   | 23.7     | 961   |
|       | 06             | 26.5                                                                  | 30.6      | 21.7   | 21.2     | 960   |
|       | 09             | 23.6                                                                  | 32.4      | 19.1   | 24.9     | 957   |
|       | 12             | 23.2                                                                  | 32.3      | 21.1   | 23.5     | 958   |
|       | 15             | 23.2                                                                  | 31.0      | 21.1   | 24.7     | 958   |
|       | 18             | 25.6                                                                  | 29.1      | 18.6   | 26.7     | 958   |
|       | 21             | 29.1                                                                  | 26.9      | 17.6   | 26.3     | 958   |
|       | ALL            | 27.2                                                                  | 29.4      | 18.8   | 24.7     | 7670  |

# 11 - SKY COVER

J43323 YOKOSUKA, JAPAN  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 PERIOD OF RECORD : 1953-1987

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TOTAL SKY COVER<br>(FROM HOURLY OBSERVATIONS) |           |        |          | TOTAL |
|-------|----------------|-----------------------------------------------------------------------|-----------|--------|----------|-------|
|       |                | CLEAR                                                                 | SCATTERED | BROKEN | OVERCAST |       |
| ANN   | 00             | 17.3                                                                  | 20.3      | 18.0   | 44.4     | 11009 |
|       | 03             | 18.4                                                                  | 19.4      | 17.8   | 44.4     | 11014 |
|       | 06             | 11.4                                                                  | 20.7      | 22.2   | 45.6     | 10999 |
|       | 09             | 11.5                                                                  | 21.8      | 21.8   | 44.9     | 10980 |
|       | 12             | 10.9                                                                  | 24.0      | 23.0   | 42.1     | 10978 |
|       | 15             | 10.6                                                                  | 24.6      | 22.6   | 42.2     | 10987 |
|       | 18             | 10.8                                                                  | 21.8      | 23.5   | 43.9     | 11006 |
|       | 21             | 16.3                                                                  | 21.5      | 18.7   | 43.5     | 11014 |
|       | ALL            | 13.4                                                                  | 21.8      | 20.9   | 43.9     | 87987 |

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

12 - RELATIVE HUMIDITY

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH HOURS<br>(LST) | 10%   | 20%   | 30%   | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|----------------------|-------|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| <b>JAN</b>           |       |       |       |      |      |      |      |      |      |                              |                         |
| 00                   | 100.0 | 100.0 | 100.0 | 97.8 | 85.4 | 62.4 | 35.6 | 19.8 | 8.2  | 66.6                         | 1022                    |
| 03                   | 100.0 | 100.0 | 99.9  | 98.6 | 89.8 | 64.1 | 38.6 | 19.3 | 9.4  | 67.6                         | 1022                    |
| 06                   | 100.0 | 100.0 | 99.9  | 98.6 | 90.3 | 66.7 | 41.3 | 20.8 | 9.7  | 68.6                         | 1023                    |
| 09                   | 100.0 | 100.0 | 99.2  | 94.9 | 76.1 | 47.9 | 24.7 | 13.1 | 6.8  | 61.8                         | 1023                    |
| 12                   | 100.0 | 100.0 | 96.7  | 82.6 | 55.1 | 30.1 | 17.3 | 10.0 | 5.6  | 55.4                         | 1022                    |
| 15                   | 100.0 | 100.0 | 96.4  | 78.9 | 49.2 | 28.6 | 15.5 | 8.9  | 4.9  | 53.8                         | 1022                    |
| 18                   | 100.0 | 100.0 | 99.3  | 94.2 | 71.2 | 44.7 | 26.4 | 13.4 | 7.1  | 61.3                         | 1023                    |
| 21                   | 100.0 | 100.0 | 100.0 | 97.7 | 78.5 | 50.1 | 29.6 | 16.3 | 7.7  | 63.6                         | 1023                    |
| ALL                  | 100.0 | 100.0 | 98.9  | 92.9 | 74.4 | 49.3 | 28.6 | 15.2 | 7.4  | 62.3                         | 8180                    |
| <b>FEB</b>           |       |       |       |      |      |      |      |      |      |                              |                         |
| 00                   | 100.0 | 99.9  | 99.6  | 97.5 | 87.4 | 67.9 | 45.1 | 28.7 | 15.0 | 69.7                         | 931                     |
| 03                   | 100.0 | 100.0 | 99.6  | 98.3 | 90.0 | 70.5 | 44.5 | 28.4 | 14.9 | 70.2                         | 931                     |
| 06                   | 100.0 | 100.0 | 100.0 | 98.7 | 91.2 | 68.3 | 46.4 | 27.7 | 15.7 | 70.4                         | 931                     |
| 09                   | 100.0 | 100.0 | 98.9  | 92.8 | 74.9 | 50.1 | 31.6 | 19.5 | 11.6 | 63.6                         | 931                     |
| 12                   | 100.0 | 99.9  | 96.3  | 82.5 | 58.3 | 37.2 | 22.7 | 15.3 | 8.5  | 57.6                         | 931                     |
| 15                   | 100.0 | 100.0 | 96.2  | 79.3 | 53.5 | 34.6 | 22.0 | 14.5 | 9.1  | 56.7                         | 931                     |
| 18                   | 100.0 | 100.0 | 99.4  | 93.7 | 74.7 | 52.4 | 31.9 | 19.7 | 12.7 | 64.2                         | 931                     |
| 21                   | 100.0 | 100.0 | 99.6  | 96.5 | 81.0 | 59.7 | 40.0 | 25.9 | 13.6 | 67.5                         | 931                     |
| ALL                  | 100.0 | 100.0 | 98.7  | 92.4 | 76.4 | 55.1 | 35.5 | 22.4 | 12.6 | 65.0                         | 7448                    |
| <b>MAR</b>           |       |       |       |      |      |      |      |      |      |                              |                         |
| 00                   | 100.0 | 100.0 | 99.9  | 98.8 | 90.5 | 74.1 | 58.3 | 39.4 | 19.8 | 73.7                         | 1053                    |
| 03                   | 100.0 | 100.0 | 100.0 | 99.6 | 94.4 | 76.2 | 58.7 | 41.5 | 21.5 | 75.0                         | 1054                    |
| 06                   | 100.0 | 100.0 | 99.9  | 99.2 | 93.3 | 78.8 | 60.7 | 42.1 | 21.9 | 75.4                         | 1054                    |
| 09                   | 100.0 | 100.0 | 99.2  | 94.2 | 79.7 | 60.8 | 40.6 | 24.6 | 13.3 | 67.0                         | 1054                    |
| 12                   | 100.0 | 100.0 | 97.4  | 85.5 | 66.0 | 46.9 | 30.2 | 18.3 | 11.0 | 61.2                         | 1053                    |
| 15                   | 100.0 | 99.9  | 97.6  | 83.7 | 63.9 | 45.9 | 30.3 | 18.5 | 9.9  | 60.7                         | 1054                    |
| 18                   | 100.0 | 100.0 | 99.6  | 95.3 | 82.5 | 65.0 | 43.9 | 26.9 | 13.9 | 68.5                         | 1054                    |
| 21                   | 100.0 | 100.0 | 100.0 | 98.0 | 86.8 | 72.6 | 54.8 | 33.1 | 16.1 | 72.0                         | 1054                    |
| ALL                  | 100.0 | 100.0 | 99.2  | 94.3 | 82.1 | 65.0 | 47.2 | 30.5 | 15.9 | 69.2                         | 8430                    |
| <b>APR</b>           |       |       |       |      |      |      |      |      |      |                              |                         |
| 00                   | 100.0 | 100.0 | 100.0 | 99.3 | 95.9 | 89.7 | 75.0 | 54.1 | 27.3 | 80.1                         | 1018                    |
| 03                   | 100.0 | 100.0 | 100.0 | 99.5 | 96.9 | 90.0 | 78.6 | 58.0 | 31.6 | 81.4                         | 1019                    |
| 06                   | 100.0 | 100.0 | 100.0 | 99.7 | 96.3 | 89.6 | 79.0 | 57.9 | 33.2 | 81.5                         | 1019                    |
| 09                   | 100.0 | 100.0 | 99.9  | 97.3 | 88.6 | 75.2 | 53.7 | 33.3 | 16.1 | 72.2                         | 1020                    |
| 12                   | 100.0 | 100.0 | 99.1  | 92.2 | 79.6 | 61.3 | 39.6 | 23.1 | 12.7 | 66.5                         | 1020                    |
| 15                   | 100.0 | 100.0 | 98.9  | 92.9 | 76.2 | 58.8 | 39.6 | 25.2 | 14.0 | 66.4                         | 1020                    |
| 18                   | 100.0 | 100.0 | 99.7  | 98.4 | 92.1 | 78.0 | 59.3 | 37.6 | 18.9 | 74.1                         | 1020                    |
| 21                   | 100.0 | 100.0 | 100.0 | 99.2 | 95.5 | 87.4 | 71.4 | 47.5 | 23.5 | 78.2                         | 1020                    |
| ALL                  | 100.0 | 100.0 | 99.7  | 97.3 | 90.4 | 78.7 | 67.1 | 42.1 | 22.2 | 75.0                         | 8156                    |



## 12 - RELATIVE HUMIDITY

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH HOURS<br>(LST) | 10%   | 20%   | 30%   | 40%   | 50%   | 60%   | 70%  | 80%  | 90%  | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|----------------------|-------|-------|-------|-------|-------|-------|------|------|------|------------------------------|-------------------------|
| MAY                  |       |       |       |       |       |       |      |      |      |                              |                         |
| 00                   | 100.0 | 100.0 | 99.9  | 99.6  | 99.1  | 96.5  | 88.0 | 66.5 | 31.7 | 84.1                         | 1053                    |
| 03                   | 100.0 | 100.0 | 100.0 | 99.6  | 99.0  | 95.9  | 88.4 | 71.9 | 39.1 | 85.3                         | 1054                    |
| 06                   | 100.0 | 100.0 | 99.9  | 99.6  | 96.2  | 94.9  | 87.1 | 71.3 | 38.2 | 85.0                         | 1054                    |
| 09                   | 100.0 | 100.0 | 99.9  | 98.8  | 96.4  | 84.1  | 62.6 | 35.4 | 17.5 | 75.4                         | 1054                    |
| 12                   | 100.0 | 100.0 | 99.2  | 96.7  | 87.1  | 67.3  | 42.7 | 23.2 | 13.0 | 68.6                         | 1054                    |
| 15                   | 100.0 | 100.0 | 99.4  | 96.6  | 85.0  | 64.3  | 40.2 | 22.2 | 11.2 | 67.6                         | 1054                    |
| 18                   | 100.0 | 100.0 | 100.0 | 99.8  | 96.6  | 85.8  | 64.2 | 36.7 | 15.9 | 75.7                         | 1054                    |
| 21                   | 100.0 | 100.0 | 100.0 | 99.8  | 98.7  | 94.9  | 83.0 | 56.5 | 24.0 | 81.4                         | 1054                    |
| ALL                  | 100.0 | 100.0 | 99.8  | 98.8  | 95.0  | 85.4  | 69.5 | 48.0 | 23.8 | 77.9                         | 8431                    |
| JUN                  |       |       |       |       |       |       |      |      |      |                              |                         |
| 00                   | 100.0 | 100.0 | 100.0 | 100.0 | 99.8  | 99.4  | 97.3 | 87.9 | 52.0 | 89.9                         | 1018                    |
| 03                   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6  | 98.5 | 91.3 | 61.9 | 91.4                         | 1020                    |
| 06                   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4  | 97.0 | 89.5 | 57.0 | 90.7                         | 1018                    |
| 09                   | 100.0 | 100.0 | 100.0 | 99.9  | 99.6  | 97.0  | 88.1 | 58.9 | 25.4 | 82.7                         | 1019                    |
| 12                   | 100.0 | 100.0 | 100.0 | 99.7  | 97.4  | 88.1  | 67.6 | 38.5 | 17.2 | 76.8                         | 1019                    |
| 15                   | 100.0 | 100.0 | 100.0 | 99.7  | 97.1  | 87.8  | 65.4 | 36.5 | 15.4 | 76.0                         | 1020                    |
| 18                   | 100.0 | 100.0 | 100.0 | 99.8  | 99.4  | 96.5  | 86.2 | 59.3 | 21.1 | 82.1                         | 1017                    |
| 21                   | 100.0 | 100.0 | 100.0 | 100.0 | 99.8  | 99.2  | 95.4 | 82.8 | 40.2 | 87.6                         | 1018                    |
| ALL                  | 100.0 | 100.0 | 100.0 | 99.9  | 99.1  | 95.9  | 86.9 | 68.1 | 36.3 | 84.7                         | 8149                    |
| JUL                  |       |       |       |       |       |       |      |      |      |                              |                         |
| 00                   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 93.3 | 62.5 | 91.5                         | 1053                    |
| 03                   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 95.1 | 69.5 | 92.6                         | 1054                    |
| 06                   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 95.3 | 66.3 | 92.3                         | 1053                    |
| 09                   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4  | 93.4 | 60.3 | 24.4 | 83.5                         | 1053                    |
| 12                   | 100.0 | 100.0 | 100.0 | 100.0 | 99.6  | 95.4  | 71.2 | 34.7 | 12.0 | 77.2                         | 1054                    |
| 15                   | 100.0 | 100.0 | 100.0 | 100.0 | 99.5  | 95.3  | 69.5 | 30.7 | 12.0 | 76.6                         | 1054                    |
| 18                   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2  | 94.0 | 63.8 | 22.3 | 83.7                         | 1054                    |
| 21                   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8  | 98.8 | 89.4 | 47.3 | 89.2                         | 1054                    |
| ALL                  | 100.0 | 100.0 | 100.0 | 100.0 | 99.9  | 98.6  | 90.6 | 70.3 | 39.5 | 85.8                         | 8429                    |
| AUG                  |       |       |       |       |       |       |      |      |      |                              |                         |
| 00                   | 100.0 | 100.0 | 100.0 | 100.0 | 99.9  | 99.6  | 98.5 | 90.9 | 54.7 | 89.9                         | 1054                    |
| 03                   | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4  | 98.6 | 92.4 | 64.6 | 91.3                         | 1054                    |
| 06                   | 100.0 | 100.0 | 100.0 | 100.0 | 99.6  | 99.7  | 98.9 | 92.1 | 61.5 | 91.1                         | 1054                    |
| 09                   | 100.0 | 100.0 | 100.0 | 100.0 | 99.6  | 97.9  | 85.7 | 46.7 | 15.7 | 80.5                         | 1054                    |
| 12                   | 100.0 | 100.0 | 100.0 | 99.8  | 98.7  | 89.7  | 57.0 | 23.7 | 9.7  | 73.6                         | 1054                    |
| 15                   | 100.0 | 100.0 | 100.0 | 100.0 | 98.4  | 88.9  | 55.9 | 21.4 | 8.9  | 73.1                         | 1054                    |
| 18                   | 100.0 | 100.0 | 100.0 | 100.0 | 99.6  | 99.0  | 90.6 | 57.2 | 14.8 | 82.0                         | 1054                    |
| 21                   | 100.0 | 100.0 | 100.0 | 100.0 | 99.6  | 99.7  | 98.1 | 85.3 | 19.2 | 87.7                         | 1054                    |
| ALL                  | 100.0 | 100.0 | 100.0 | 100.0 | 99.6  | 96.7  | 85.4 | 63.7 | 33.6 | 83.7                         | 8432                    |

## 12 - RELATIVE HUMIDITY

43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH HOURS<br>(LST) | 10%   | 20%   | 30%   | 40%   | 50%  | 60%  | 70%  | 80%  | 90%  | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|----------------------|-------|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| SEP                  |       |       |       |       |      |      |      |      |      |                              |                         |
| 00                   | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.7 | 94.6 | 80.8 | 43.9 | 87.9                         | 1018                    |
| 03                   | 100.0 | 100.0 | 100.0 | 99.9  | 99.7 | 99.2 | 95.2 | 83.2 | 50.4 | 88.8                         | 1019                    |
| 06                   | 100.0 | 100.0 | 100.0 | 99.9  | 99.7 | 99.1 | 95.6 | 84.0 | 52.6 | 89.2                         | 1019                    |
| 09                   | 100.0 | 100.0 | 100.0 | 99.9  | 99.7 | 97.2 | 83.7 | 52.7 | 23.7 | 81.5                         | 1019                    |
| 12                   | 100.0 | 100.0 | 100.0 | 99.8  | 98.3 | 91.0 | 66.7 | 32.7 | 15.1 | 76.0                         | 1019                    |
| 15                   | 100.0 | 100.0 | 100.0 | 99.5  | 97.7 | 87.1 | 62.1 | 33.0 | 13.5 | 75.0                         | 1019                    |
| 18                   | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 96.8 | 87.0 | 57.3 | 22.5 | 82.2                         | 1019                    |
| 21                   | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.5 | 93.2 | 74.3 | 32.7 | 85.7                         | 1019                    |
| ALL                  | 100.0 | 100.0 | 100.0 | 99.9  | 99.3 | 96.0 | 84.8 | 62.3 | 31.6 | 83.3                         | 8432                    |
| CCT                  |       |       |       |       |      |      |      |      |      |                              |                         |
| 00                   | 100.0 | 100.0 | 100.0 | 99.7  | 99.1 | 94.1 | 82.3 | 62.3 | 31.0 | 82.8                         | 1054                    |
| 03                   | 100.0 | 100.0 | 100.0 | 99.9  | 99.7 | 95.0 | 84.6 | 64.5 | 32.4 | 83.7                         | 1054                    |
| 06                   | 100.0 | 100.0 | 100.0 | 99.9  | 99.4 | 95.5 | 88.0 | 66.9 | 34.7 | 84.4                         | 1054                    |
| 09                   | 100.0 | 100.0 | 100.0 | 99.7  | 97.6 | 89.8 | 70.5 | 40.4 | 20.1 | 77.5                         | 1054                    |
| 12                   | 100.0 | 100.0 | 99.8  | 99.1  | 92.9 | 79.3 | 54.0 | 29.4 | 15.9 | 72.7                         | 1054                    |
| 15                   | 100.0 | 100.0 | 99.8  | 98.6  | 91.3 | 76.5 | 50.3 | 27.6 | 14.2 | 71.6                         | 1054                    |
| 18                   | 100.0 | 100.0 | 99.9  | 99.8  | 97.2 | 88.7 | 70.3 | 42.6 | 18.0 | 77.6                         | 1054                    |
| 21                   | 100.0 | 100.0 | 100.0 | 99.9  | 98.6 | 92.6 | 80.6 | 55.2 | 24.6 | 80.9                         | 1054                    |
| ALL                  | 100.0 | 100.0 | 99.9  | 99.6  | 97.0 | 88.9 | 72.6 | 48.6 | 23.9 | 78.9                         | 8432                    |
| NOV                  |       |       |       |       |      |      |      |      |      |                              |                         |
| 00                   | 100.0 | 100.0 | 100.0 | 99.5  | 95.7 | 84.9 | 69.5 | 42.7 | 19.1 | 76.9                         | 1019                    |
| 03                   | 100.0 | 100.0 | 100.0 | 99.6  | 96.7 | 85.9 | 70.9 | 45.4 | 19.7 | 77.5                         | 1020                    |
| 06                   | 100.0 | 100.0 | 100.0 | 99.8  | 96.7 | 87.2 | 72.4 | 47.6 | 22.2 | 78.2                         | 1020                    |
| 09                   | 100.0 | 100.0 | 99.9  | 99.2  | 92.6 | 75.4 | 52.6 | 24.6 | 11.1 | 71.2                         | 1020                    |
| 12                   | 100.0 | 100.0 | 99.6  | 96.4  | 83.8 | 58.9 | 33.4 | 16.5 | 8.7  | 65.4                         | 1020                    |
| 15                   | 100.0 | 100.0 | 99.8  | 95.9  | 81.0 | 60.1 | 35.8 | 18.3 | 7.8  | 65.5                         | 1020                    |
| 18                   | 100.0 | 100.0 | 100.0 | 99.1  | 91.5 | 76.1 | 53.1 | 26.9 | 11.9 | 71.4                         | 1020                    |
| 21                   | 100.0 | 100.0 | 100.0 | 99.4  | 93.8 | 82.1 | 62.5 | 35.0 | 13.7 | 74.4                         | 1020                    |
| ALL                  | 100.0 | 100.0 | 99.9  | 98.6  | 91.5 | 76.3 | 56.3 | 32.1 | 14.3 | 72.6                         | 8159                    |
| DEC                  |       |       |       |       |      |      |      |      |      |                              |                         |
| 00                   | 100.0 | 100.0 | 100.0 | 99.1  | 92.0 | 72.7 | 49.2 | 24.8 | 9.6  | 70.3                         | 1053                    |
| 03                   | 100.0 | 100.0 | 99.9  | 99.1  | 93.5 | 77.3 | 52.2 | 27.6 | 10.1 | 71.6                         | 1054                    |
| 06                   | 100.0 | 100.0 | 99.9  | 98.9  | 94.0 | 78.9 | 55.5 | 29.9 | 12.2 | 72.5                         | 1054                    |
| 09                   | 100.0 | 100.0 | 99.7  | 97.6  | 86.2 | 63.1 | 36.5 | 16.4 | 7.2  | 66.3                         | 1054                    |
| 12                   | 100.0 | 100.0 | 98.7  | 91.6  | 68.9 | 40.7 | 21.3 | 9.2  | 4.7  | 59.0                         | 1053                    |
| 15                   | 100.0 | 100.0 | 98.9  | 89.6  | 65.9 | 41.1 | 20.2 | 9.0  | 4.4  | 58.6                         | 1054                    |
| 18                   | 100.0 | 100.0 | 99.8  | 97.2  | 81.6 | 56.5 | 34.3 | 15.5 | 6.5  | 64.7                         | 1053                    |
| 21                   | 100.0 | 100.0 | 99.9  | 98.7  | 86.5 | 65.1 | 42.0 | 19.3 | 8.5  | 67.6                         | 1053                    |
| ALL                  | 100.0 | 100.0 | 99.6  | 96.5  | 83.6 | 61.9 | 38.9 | 19.0 | 7.9  | 66.3                         | 8428                    |

## 12 - RELATIVE HUMIDITY

643323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH HOURS<br>(LST) | 10%   | 20%   | 30%   | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|----------------------|-------|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| ANN                  | 100.0 | 100.0 | 100.0 | 99.3 | 95.5 | 86.8 | 74.7 | 57.9 | 31.4 | 80.4                         | 12346                   |
| 01                   | 100.0 | 100.0 | 100.0 | 99.5 | 96.7 | 87.9 | 76.0 | 60.2 | 35.6 | 81.5                         | 12355                   |
| 03                   | 100.0 | 100.0 | 100.0 | 99.5 | 96.6 | 83.4 | 77.1 | 60.8 | 35.6 | 81.7                         | 12353                   |
| 06                   | 100.0 | 100.0 | 100.0 | 99.7 | 91.1 | 78.4 | 60.6 | 35.6 | 16.1 | 73.7                         | 12355                   |
| 09                   | 100.0 | 100.0 | 99.7  | 97.9 | 82.4 | 65.8 | 43.8 | 22.9 | 11.2 | 67.6                         | 12353                   |
| 12                   | 100.0 | 100.0 | 98.9  | 93.9 | 80.3 | 64.4 | 42.4 | 22.2 | 10.5 | 66.9                         | 12356                   |
| 15                   | 100.0 | 100.0 | 98.9  | 93.0 | 80.7 | 78.5 | 62.1 | 38.2 | 15.5 | 74.0                         | 12353                   |
| 18                   | 100.0 | 100.0 | 99.8  | 98.2 | 93.2 | 83.7 | 71.1 | 52.0 | 24.4 | 78.1                         | 12354                   |
| 21                   | 100.0 | 100.0 | 100.0 | 99.1 | 90.8 | 79.2 | 63.5 | 43.7 | 22.5 | 75.5                         | 98825                   |
| ALL                  | 100.0 | 100.0 | 99.7  | 97.6 | 90.8 | 79.2 | 63.5 | 43.7 | 22.5 | 75.5                         | 98825                   |

## 13 - WEATHER CONDITIONS

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS<br>(LST) | TSTM | RAIN<br>&<br>DRIZZLE | FREEZE<br>RAIN &<br>FREEZE<br>DRIZZLE | SNOW<br>&<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG  | SMOKE<br>&<br>HAZE | BLOWING<br>SNOW | DUST<br>&<br>SAND | % OBS.<br>W/OBST<br>VISION | TOTAL<br>NO. OF<br>OBS. |
|-------|----------------|------|----------------------|---------------------------------------|--------------------|------|----------------------------|------|--------------------|-----------------|-------------------|----------------------------|-------------------------|
| JAN   | 00             | .1   | 6.6                  | .0                                    | .4                 | .0   | 6.9                        | 8.5  | 20.1               | .0              | .0                | 26.8                       | 974                     |
|       | 03             | .1   | 6.2                  | .0                                    | 1.2                | .0   | 6.9                        | 8.9  | 20.6               | .0              | .0                | 27.9                       | 970                     |
|       | 06             | .1   | 7.1                  | .0                                    | 1.9                | .0   | 8.5                        | 9.1  | 17.5               | .0              | .0                | 24.8                       | 969                     |
|       | 09             | .0   | 6.0                  | .0                                    | 1.6                | .1   | 7.3                        | 7.6  | 33.1               | .0              | .0                | 39.8                       | 970                     |
|       | 12             | .1   | 5.4                  | .0                                    | 1.3                | .0   | 6.4                        | 6.0  | 33.7               | .0              | .0                | 38.4                       | 977                     |
|       | 15             | .0   | 6.6                  | .0                                    | 1.5                | .0   | 7.6                        | 5.5  | 20.8               | .0              | .1                | 24.9                       | 971                     |
|       | 18             | .0   | 7.0                  | .0                                    | 1.4                | .0   | 8.0                        | 6.6  | 12.3               | .0              | .0                | 17.6                       | 973                     |
|       | 21             | .0   | 7.8                  | .0                                    | 1.4                | .1   | 8.8                        | 6.1  | 15.7               | .0              | .0                | 20.4                       | 975                     |
|       | ALL            | .1   | 6.6                  | .0                                    | 1.4                | .0   | 7.6                        | 7.3  | 21.7               | .0              | .0                | 27.6                       | 7779                    |
| FEB   | 00             | .1   | 9.5                  | .0                                    | 1.4                | .0   | 10.7                       | 12.7 | 16.6               | .0              | .0                | 27.6                       | 910                     |
|       | 03             | .0   | 9.4                  | .0                                    | 1.8                | .0   | 10.7                       | 12.9 | 18.8               | .0              | .0                | 29.7                       | 912                     |
|       | 06             | .0   | 10.0                 | .0                                    | 2.5                | .0   | 11.7                       | 13.1 | 18.9               | .0              | .0                | 30.1                       | 914                     |
|       | 09             | .0   | 9.3                  | .0                                    | 3.7                | .1   | 11.7                       | 10.9 | 36.3               | .0              | .0                | 46.0                       | 915                     |
|       | 12             | .1   | 9.3                  | .1                                    | 3.0                | .0   | 11.3                       | 9.6  | 36.0               | .0              | .0                | 44.4                       | 914                     |
|       | 15             | .0   | 10.4                 | .0                                    | 2.5                | .0   | 12.3                       | 9.6  | 20.5               | .0              | .2                | 29.4                       | 914                     |
|       | 18             | .0   | 11.5                 | .0                                    | 2.0                | .1   | 13.1                       | 10.8 | 14.9               | .0              | .2                | 24.7                       | 914                     |
|       | 21             | .1   | 10.8                 | .0                                    | 2.2                | .0   | 12.1                       | 11.6 | 12.6               | .0              | .0                | 22.3                       | 914                     |
|       | ALL            | .0   | 10.0                 | .0                                    | 2.4                | .0   | 11.7                       | 11.4 | 21.8               | .0              | .1                | 31.8                       | 7307                    |
| MAR   | 00             | .1   | 16.0                 | .0                                    | 1.1                | .1   | 16.7                       | 14.1 | 9.7                | .0              | .1                | 22.1                       | 1014                    |
|       | 03             | .0   | 16.4                 | .0                                    | 1.3                | .1   | 17.3                       | 17.6 | 13.9               | .0              | .0                | 28.9                       | 1019                    |
|       | 06             | .0   | 15.5                 | .0                                    | 1.5                | .1   | 16.2                       | 22.7 | 20.6               | .0              | .0                | 39.8                       | 1030                    |
|       | 09             | .0   | 14.4                 | .1                                    | 1.5                | .0   | 15.4                       | 16.1 | 36.5               | .0              | .1                | 49.7                       | 1028                    |
|       | 12             | .0   | 13.5                 | .1                                    | 1.4                | .0   | 14.4                       | 11.6 | 32.6               | .0              | .2                | 42.7                       | 1021                    |
|       | 15             | .0   | 15.0                 | .2                                    | 1.3                | .2   | 15.8                       | 10.0 | 19.0               | .0              | .4                | 28.0                       | 1015                    |
|       | 18             | .3   | 17.0                 | .0                                    | 1.4                | .2   | 17.7                       | 13.0 | 15.7               | .0              | .4                | 27.6                       | 1015                    |
|       | 21             | .1   | 17.5                 | .0                                    | 1.2                | .0   | 17.8                       | 11.4 | 7.6                | .0              | .2                | 17.9                       | 1009                    |
|       | ALL            | .1   | 15.7                 | .0                                    | 1.3                | .1   | 16.4                       | 14.6 | 19.5               | .0              | .2                | 32.2                       | 8151                    |
| APR   | 00             | .0   | 18.4                 | .0                                    | .0                 | .0   | 18.1                       | 18.1 | 6.1                | .0              | .0                | 22.3                       | 997                     |
|       | 03             | .0   | 18.4                 | .0                                    | .0                 | .0   | 18.4                       | 21.0 | 7.8                | .0              | .0                | 26.2                       | 1001                    |
|       | 06             | .0   | 17.5                 | .0                                    | .0                 | .0   | 17.4                       | 29.3 | 23.1               | .0              | .0                | 47.7                       | 1008                    |
|       | 09             | .0   | 16.0                 | .0                                    | .0                 | .0   | 15.9                       | 19.2 | 36.5               | .0              | .0                | 53.0                       | 1007                    |
|       | 12             | .0   | 15.8                 | .0                                    | .1                 | .0   | 15.7                       | 13.1 | 29.2               | .0              | .2                | 40.9                       | 1006                    |
|       | 15             | .3   | 17.4                 | .0                                    | .1                 | .0   | 17.3                       | 12.6 | 15.4               | .0              | .2                | 26.4                       | 1003                    |
|       | 18             | .2   | 16.9                 | .0                                    | .1                 | .0   | 16.6                       | 14.6 | 12.2               | .0              | .2                | 25.1                       | 1001                    |
|       | 21             | .0   | 17.2                 | .0                                    | .0                 | .0   | 16.9                       | 12.9 | 5.7                | .0              | .0                | 17.1                       | 999                     |
|       | ALL            | .1   | 17.2                 | .0                                    | .0                 | .0   | 17.0                       | 17.6 | 17.0               | .0              | .1                | 32.4                       | 8022                    |

## 13 - WEATHER CONDITIONS

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS<br>(LST) | TSTM | RAIN<br>E/OR<br>DRIZZLE | FREEZE<br>RAIN E<br>FREEZE<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG  | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS.<br>W/OBST<br>VISION | TOTAL<br>NO. OF<br>OBS. |
|-------|----------------|------|-------------------------|---------------------------------------|-----------------------|------|----------------------------|------|-----------------------|-----------------|----------------------|----------------------------|-------------------------|
| MAY   | 00             | .2   | 16.0                    | .0                                    | .0                    | .0   | 15.9                       | 16.6 | 6.2                   | .0              | .0                   | 21.2                       | 1037                    |
|       | 03             | .2   | 16.3                    | .0                                    | .0                    | .0   | 16.2                       | 22.7 | 6.9                   | .0              | .0                   | 27.4                       | 1034                    |
|       | 06             | .0   | 17.4                    | .0                                    | .0                    | .0   | 17.1                       | 33.9 | 21.3                  | .0              | .0                   | 50.1                       | 1040                    |
|       | 09             | .1   | 16.7                    | .0                                    | .0                    | .0   | 16.7                       | 19.3 | 35.7                  | .0              | .0                   | 52.2                       | 1042                    |
|       | 12             | .0   | 15.5                    | .0                                    | .0                    | .0   | 15.4                       | 13.3 | 27.8                  | .0              | .0                   | 39.7                       | 1033                    |
|       | 15             | .3   | 15.5                    | .0                                    | .0                    | .0   | 15.4                       | 10.0 | 15.9                  | .0              | .0                   | 24.9                       | 1031                    |
|       | 18             | .3   | 15.9                    | .0                                    | .0                    | .0   | 15.8                       | 12.3 | 13.2                  | .0              | .0                   | 24.3                       | 1039                    |
|       | 21             | .3   | 16.4                    | .0                                    | .0                    | .0   | 16.3                       | 13.2 | 8.2                   | .0              | .0                   | 19.8                       | 1034                    |
|       | ALL            | .2   | 16.2                    | .0                                    | .0                    | .0   | 16.1                       | 17.7 | 16.9                  | .0              | .0                   | 32.5                       | 8290                    |
| JUN   | 00             | .2   | 21.3                    | .0                                    | .0                    | .0   | 21.2                       | 23.6 | 6.3                   | .0              | .0                   | 27.5                       | 1009                    |
|       | 03             | .2   | 21.1                    | .0                                    | .0                    | .0   | 21.0                       | 30.0 | 7.4                   | .0              | .0                   | 33.2                       | 1008                    |
|       | 06             | .0   | 22.3                    | .0                                    | .0                    | .0   | 22.3                       | 47.9 | 16.5                  | .0              | .0                   | 56.8                       | 1016                    |
|       | 09             | .2   | 20.1                    | .0                                    | .0                    | .0   | 19.9                       | 28.9 | 28.2                  | .0              | .0                   | 53.6                       | 1012                    |
|       | 12             | .1   | 18.4                    | .0                                    | .0                    | .0   | 18.3                       | 16.4 | 31.4                  | .0              | .0                   | 46.0                       | 1011                    |
|       | 15             | .1   | 19.4                    | .0                                    | .0                    | .0   | 19.0                       | 14.4 | 19.9                  | .0              | .0                   | 33.0                       | 1006                    |
|       | 18             | .1   | 18.7                    | .0                                    | .0                    | .0   | 18.6                       | 16.8 | 15.3                  | .0              | .0                   | 30.8                       | 1007                    |
|       | 21             | .5   | 21.3                    | .0                                    | .0                    | .0   | 20.9                       | 18.5 | 9.4                   | .0              | .0                   | 25.9                       | 1006                    |
|       | ALL            | .2   | 20.3                    | .0                                    | .0                    | .0   | 20.1                       | 24.6 | 16.8                  | .0              | .0                   | 38.4                       | 8075                    |
| JUL   | 00             | .3   | 12.7                    | .0                                    | .0                    | .0   | 12.7                       | 22.8 | 6.6                   | .0              | .0                   | 26.3                       | 1035                    |
|       | 03             | .3   | 14.8                    | .0                                    | .0                    | .0   | 14.8                       | 21.4 | 7.7                   | .0              | .0                   | 34.4                       | 1037                    |
|       | 06             | .0   | 15.3                    | .0                                    | .0                    | .0   | 15.2                       | 45.3 | 13.9                  | .0              | .0                   | 52.0                       | 1043                    |
|       | 09             | .1   | 15.2                    | .0                                    | .0                    | .0   | 15.0                       | 28.2 | 28.6                  | .0              | .0                   | 52.5                       | 1039                    |
|       | 12             | .0   | 12.6                    | .0                                    | .0                    | .0   | 12.6                       | 13.8 | 31.7                  | .0              | .0                   | 43.4                       | 1038                    |
|       | 15             | .4   | 11.9                    | .0                                    | .0                    | .0   | 11.8                       | 10.1 | 23.0                  | .0              | .0                   | 32.1                       | 1032                    |
|       | 18             | .6   | 12.9                    | .0                                    | .0                    | .0   | 12.9                       | 14.0 | 21.9                  | .0              | .0                   | 33.7                       | 1039                    |
|       | 21             | .6   | 12.8                    | .0                                    | .0                    | .0   | 12.7                       | 18.1 | 11.5                  | .0              | .0                   | 25.9                       | 1037                    |
|       | ALL            | .3   | 13.5                    | .0                                    | .0                    | .0   | 13.5                       | 23.0 | 18.1                  | .0              | .0                   | 37.6                       | 8300                    |
| AUG   | 00             | .5   | 10.2                    | .0                                    | .0                    | .0   | 10.2                       | 18.8 | 7.8                   | .0              | .0                   | 22.8                       | 1025                    |
|       | 03             | .3   | 11.4                    | .0                                    | .0                    | .0   | 11.4                       | 24.4 | 7.7                   | .0              | .0                   | 27.6                       | 1027                    |
|       | 06             | .3   | 10.4                    | .0                                    | .0                    | .0   | 10.4                       | 37.0 | 15.1                  | .0              | .0                   | 43.9                       | 1029                    |
|       | 09             | .2   | 10.0                    | .0                                    | .0                    | .0   | 10.0                       | 17.1 | 32.1                  | .0              | .0                   | 46.2                       | 1027                    |
|       | 12             | .1   | 9.2                     | .0                                    | .0                    | .0   | 9.1                        | 7.8  | 31.9                  | .0              | .1                   | 38.9                       | 1027                    |
|       | 15             | .3   | 8.5                     | .0                                    | .0                    | .0   | 8.4                        | 6.0  | 20.3                  | .0              | .0                   | 25.7                       | 1025                    |
|       | 18             | .9   | 9.0                     | .0                                    | .0                    | .0   | 9.0                        | 9.1  | 19.6                  | .0              | .0                   | 27.4                       | 1028                    |
|       | 21             | .7   | 8.9                     | .0                                    | .0                    | .0   | 8.9                        | 14.2 | 10.3                  | .0              | .0                   | 21.6                       | 1025                    |
|       | ALL            | .4   | 9.7                     | .0                                    | .0                    | .0   | 9.7                        | 16.8 | 18.1                  | .0              | .0                   | 31.8                       | 8213                    |

## 13 - WEATHER CONDITIONS

43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS<br>(LST) | TSTM | RAIN<br>E/OP<br>DRIZZLE | FREEZE<br>RAIN E<br>FREEZE<br>DRIZZLE | SNOW<br>E/OP<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG  | SMOKE<br>E/OP<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OP<br>SAND | % OBS.<br>W/OBST<br>VISION | TOTAL<br>NO. OF<br>OBS. |
|-------|----------------|------|-------------------------|---------------------------------------|-----------------------|------|----------------------------|------|-----------------------|-----------------|----------------------|----------------------------|-------------------------|
| SEP   | 00             | .4   | 15.7                    | .0                                    | .0                    | .0   | 15.7                       | 21.6 | 6.4                   | .0              | .0                   | 25.5                       | 1001                    |
|       | 03             | .2   | 17.5                    | .0                                    | .0                    | .0   | 17.5                       | 27.9 | 8.2                   | .0              | .0                   | 32.1                       | 1006                    |
|       | 06             | .0   | 18.7                    | .0                                    | .0                    | .0   | 18.5                       | 39.3 | 15.1                  | .0              | .0                   | 48.8                       | 1010                    |
|       | 09             | .0   | 16.7                    | .0                                    | .0                    | .0   | 16.7                       | 26.9 | 31.9                  | .0              | .0                   | 54.9                       | 1003                    |
|       | 12             | .2   | 15.0                    | .0                                    | .0                    | .0   | 14.9                       | 16.9 | 29.9                  | .0              | .0                   | 45.0                       | 999                     |
|       | 15             | .1   | 16.0                    | .0                                    | .0                    | .0   | 15.7                       | 13.2 | 19.1                  | .0              | .0                   | 30.6                       | 1002                    |
|       | 18             | .5   | 16.3                    | .0                                    | .0                    | .0   | 16.3                       | 17.8 | 16.0                  | .0              | .0                   | 31.6                       | 1006                    |
|       | 21             | .8   | 16.2                    | .0                                    | .0                    | .0   | 16.2                       | 17.8 | 6.6                   | .0              | .0                   | 22.4                       | 1004                    |
|       | ALL            | .3   | 16.5                    | .0                                    | .0                    | .0   | 16.4                       | 22.7 | 16.6                  | .0              | .0                   | 36.4                       | 8031                    |
| OCT   | 00             | .0   | 18.9                    | .0                                    | .0                    | .0   | 18.8                       | 24.5 | 11.9                  | .0              | .0                   | 32.7                       | 1007                    |
|       | 03             | .1   | 19.9                    | .0                                    | .0                    | .0   | 19.7                       | 29.7 | 15.6                  | .0              | .0                   | 40.7                       | 1017                    |
|       | 06             | .1   | 19.6                    | .0                                    | .0                    | .0   | 19.6                       | 37.6 | 22.0                  | .0              | .1                   | 52.5                       | 1023                    |
|       | 09             | .0   | 18.7                    | .0                                    | .0                    | .0   | 18.7                       | 24.5 | 39.6                  | .0              | .0                   | 60.6                       | 1019                    |
|       | 12             | .1   | 18.3                    | .0                                    | .0                    | .0   | 18.1                       | 16.1 | 36.4                  | .0              | .1                   | 51.1                       | 1014                    |
|       | 15             | .1   | 16.7                    | .0                                    | .0                    | .0   | 16.7                       | 14.6 | 21.9                  | .0              | .1                   | 35.0                       | 1010                    |
|       | 18             | .0   | 16.0                    | .0                                    | .0                    | .0   | 16.0                       | 16.3 | 15.3                  | .0              | .0                   | 29.9                       | 1005                    |
|       | 21             | .1   | 17.1                    | .0                                    | .0                    | .0   | 17.0                       | 19.8 | 10.6                  | .0              | .0                   | 27.7                       | 1007                    |
|       | ALL            | .1   | 18.2                    | .0                                    | .0                    | .0   | 18.1                       | 22.9 | 21.7                  | .0              | .0                   | 41.3                       | 8102                    |
| NOV   | 00             | .0   | 11.6                    | .0                                    | .1                    | .0   | 11.5                       | 19.2 | 23.0                  | .0              | .0                   | 37.1                       | 982                     |
|       | 03             | .2   | 10.7                    | .0                                    | .0                    | .0   | 10.6                       | 22.7 | 25.6                  | .0              | .0                   | 42.4                       | 985                     |
|       | 06             | .0   | 10.9                    | .0                                    | .0                    | .1   | 11.0                       | 27.4 | 27.0                  | .0              | .0                   | 47.4                       | 987                     |
|       | 09             | .0   | 11.4                    | .0                                    | .0                    | .0   | 11.4                       | 16.4 | 45.0                  | .0              | .0                   | 57.9                       | 988                     |
|       | 12             | .0   | 9.6                     | .0                                    | .0                    | .0   | 9.6                        | 10.8 | 43.0                  | .0              | .0                   | 52.4                       | 986                     |
|       | 15             | .1   | 10.3                    | .0                                    | .0                    | .0   | 10.3                       | 9.7  | 27.7                  | .0              | .0                   | 35.8                       | 976                     |
|       | 18             | .0   | 12.4                    | .0                                    | .0                    | .0   | 12.3                       | 11.9 | 21.2                  | .0              | .0                   | 30.3                       | 978                     |
|       | 21             | .2   | 13.6                    | .0                                    | .1                    | .0   | 13.5                       | 13.2 | 19.3                  | .0              | .0                   | 28.6                       | 979                     |
|       | ALL            | .1   | 11.3                    | .0                                    | .0                    | .0   | 11.3                       | 16.4 | 29.0                  | .0              | .0                   | 41.5                       | 7861                    |
| DEC   | 00             | .0   | 6.0                     | .0                                    | .1                    | .0   | 5.9                        | 12.5 | 27.2                  | .0              | .0                   | 36.6                       | 1010                    |
|       | 03             | .1   | 5.9                     | .0                                    | .2                    | .0   | 6.0                        | 15.5 | 30.0                  | .0              | .0                   | 41.0                       | 1014                    |
|       | 06             | .1   | 6.4                     | .0                                    | .1                    | .0   | 6.4                        | 15.6 | 25.8                  | .0              | .0                   | 37.8                       | 1012                    |
|       | 09             | .1   | 6.7                     | .0                                    | .2                    | .0   | 6.7                        | 11.2 | 47.0                  | .0              | .0                   | 54.9                       | 1018                    |
|       | 12             | .2   | 6.4                     | .0                                    | .5                    | .1   | 6.8                        | 6.6  | 47.4                  | .0              | .0                   | 52.6                       | 1011                    |
|       | 15             | .1   | 7.0                     | .0                                    | .2                    | .0   | 7.1                        | 5.8  | 31.5                  | .0              | .0                   | 35.7                       | 1007                    |
|       | 18             | .0   | 6.8                     | .0                                    | .4                    | .0   | 6.8                        | 7.7  | 23.3                  | .0              | .0                   | 29.7                       | 1007                    |
|       | 21             | .1   | 7.4                     | .0                                    | .2                    | .0   | 7.5                        | 11.1 | 23.4                  | .0              | .0                   | 31.9                       | 1009                    |
|       | ALL            | .1   | 6.6                     | .0                                    | .2                    | .0   | 6.7                        | 10.8 | 32.0                  | .0              | .0                   | 40.1                       | 8088                    |

## 13 - WEATHER CONDITIONS

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | TSTM | RAIN<br>E/OR<br>CRIZZLE | FREEZE<br>RAIN &<br>FREEZE<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG  | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS.<br>W/OBST<br>VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|----------------|------|-------------------------|---------------------------------------|-----------------------|------|----------------------------|------|-----------------------|-----------------|----------------------|----------------------------|-------------------------|
| JAN    | ALL            | .1   | 6.6                     | .0                                    | 1.4                   | .0*  | 7.6                        | 7.3  | 21.7                  | .0              | .0*                  | 27.6                       | 7779                    |
| FEB    | ALL            | .0*  | 10.0                    | .0*                                   | 2.4                   | .0*  | 11.7                       | 11.4 | 21.8                  | .0              | .1                   | 31.8                       | 7307                    |
| MAR    | ALL            | .1   | 15.7                    | .0*                                   | 1.3                   | .1   | 16.4                       | 14.6 | 19.5                  | .0              | .2                   | 32.2                       | 8151                    |
| APR    | ALL            | .1   | 17.2                    | .0                                    | .0*                   | .0   | 17.0                       | 17.6 | 17.0                  | .0              | .1                   | 32.4                       | 8022                    |
| MAY    | ALL            | .2   | 16.2                    | .0                                    | .0                    | .0   | 16.1                       | 17.7 | 16.9                  | .0              | .0                   | 32.5                       | 8290                    |
| JUN    | ALL            | .2   | 20.3                    | .0                                    | .0                    | .0   | 20.1                       | 24.6 | 16.8                  | .0              | .0                   | 38.4                       | 8075                    |
| JUL    | ALL            | .3   | 13.5                    | .0                                    | .0                    | .0   | 13.5                       | 23.0 | 18.1                  | .0              | .0                   | 37.6                       | 8300                    |
| AUG    | ALL            | .4   | 9.7                     | .0                                    | .0                    | .0   | 9.7                        | 16.8 | 18.1                  | .0              | .0*                  | 31.8                       | 8213                    |
| SEP    | ALL            | .3   | 16.5                    | .0                                    | .0                    | .0   | 16.4                       | 22.7 | 16.6                  | .0              | .0                   | 36.4                       | 8031                    |
| OCT    | ALL            | .1   | 18.2                    | .0                                    | .0                    | .0   | 18.1                       | 22.9 | 21.7                  | .0              | .0*                  | 41.3                       | 8102                    |
| NOV    | ALL            | .1   | 11.3                    | .0                                    | .0*                   | .0*  | 11.3                       | 16.4 | 29.0                  | .0              | .0                   | 41.5                       | 7861                    |
| DEC    | ALL            | .1   | 6.6                     | .0                                    | .2                    | .0*  | 6.7                        | 10.8 | 32.0                  | .0              | .0                   | 40.1                       | 8088                    |
| TOTALS |                | .1   | 13.5                    | .0*                                   | .4                    | .0*  | 13.8                       | 17.2 | 20.7                  | .0              | .0*                  | 35.3                       | 96219                   |

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

G43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JAN

| WIND DIR. | RAIN | RAIN SHOWERS | DRIZZLE | FREEZE RAIN | SLEET " SHOWERS | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|-----------|------|--------------|---------|-------------|-----------------|------------------------|-----------------|-------------------------|-----|--------------------|------------|--------------|-------------------|------------|
| N         | 10.1 | .5           | .6      | .0*         | .1              | 2.2                    | .0              | .1                      | 7.7 | 3.1                | 22.6       | .0           | .0                | 57.9       |
| NNE       | 8.0  | .3           | .2      | .0          | .0              | 2.1                    | .0              | .0                      | 5.4 | 2.7                | 26.8       | .0           | .0                | 57.6       |
| NE        | 6.1  | .3           | .2      | .0          | .1              | .9                     | .0              | .0                      | 2.5 | 1.8                | 28.7       | .0           | .0                | 61.4       |
| ENE       | 3.0  | .1           | .0      | .0          | .0              | .3                     | .0              | .0                      | 1.5 | .9                 | 22.7       | .0           | .3                | 66.8       |
| E         | 1.1  | .1           | .1      | .0          | .0              | .0                     | .0              | .0                      | 1.5 | .7                 | 25.9       | .0           | .0                | 64.9       |
| ESE       | 1.5  | .0           | .0      | .0          | .0              | .0                     | .0              | .0                      | .4  | .7                 | 28.1       | .0           | .0                | 61.8       |
| SE        | 2.3  | .8           | .0      | .0          | .0              | .8                     | .0              | .0                      | 3.9 | 1.6                | 25.0       | .0           | .0                | 65.6       |
| SSE       | 3.0  | .5           | .0      | .0          | .0              | .5                     | .0              | .0                      | 4.5 | 1.5                | 32.7       | .0           | .0                | 55.8       |
| S         | 4.6  | .7           | .0      | .0          | .0              | .2                     | .0              | .0                      | 2.7 | 3.4                | 16.3       | .0           | .0                | 72.0       |
| SSW       | 5.6  | 2.8          | .7      | .0          | .0              | .0                     | .0              | .0                      | 4.2 | 1.4                | 11.7       | .0           | .0                | 74.4       |
| SW        | 3.8  | 1.3          | .0      | .0          | .0              | .0                     | .0              | .3                      | 1.4 | .5                 | 7.7        | .0           | .0                | 82.8       |
| WSW       | .8   | .4           | .0      | .0          | .0              | .1                     | .0              | .0                      | .5  | .1                 | 4.0        | .0           | .0                | 83.5       |
| W         | 1.1  | .2           | .0      | .0          | .0              | .1                     | .0              | .1                      | .5  | .9                 | 3.2        | .0           | .0                | 88.3       |
| WNW       | .2   | .0           | .0      | .0          | .0              | .0                     | .0              | .0                      | 1.6 | 1.6                | 11.6       | .0           | .0                | 79.6       |
| NW        | 2.8  | .0           | .0      | .0          | .0              | 1.0                    | .0              | .0                      | 4.8 | 4.0                | 24.9       | .0           | .0                | 58.6       |
| NNW       | 6.2  | .3           | .1      | .0          | .0*             | 2.4                    | .0              | .0                      | 6.8 | 3.9                | 24.6       | .0           | .0                | 57.8       |
| VAR       | .0   | .0           | .0      | .0          | .0              | .0                     | .0              | .0                      | .0  | .0                 | .0         | .0           | .0                | .0         |
| CLM       | 2.0  | .5           | .2      | .0          | .0              | .2                     | .0              | .1                      | 6.3 | 2.7                | 37.4       | .0           | .0                | 50.6       |
| TOTALS    | 1217 | 90           | 47      | 1           | 5               | 266                    | 0               | 8                       | 974 | 491                | 4650       | 0            | 3                 | 13354      |
| % TOTAL   | 5.8  | .4           | .2      | .0*         | .0*             | 1.3                    | .0              | .0*                     | 4.6 | 2.3                | 22.1       | .0           | .0*               | 63.4       |

TOTAL NUMBER OF OBSERVATIONS : 21053

NOTES :  
\* = PERCENT < .05



14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : FEB

| WIND<br>DIR. | RAIN | RAIN<br>SHOWERS | DRIZZLE | FREEZE<br>RAIN | SLEET<br>" SHOWERS | SNOW<br>" GRAINS<br>" PELLET | HAIL<br>SMALL<br>HAIL | THUNDER<br>TORNADO<br>SQUALLS | FOG  | ICE FOG<br>GROUND<br>FOG | SMOKE<br>HAZE | BLOWING<br>SNOW | BLOWING<br>SAND<br>DUST | NO<br>WEATHER |
|--------------|------|-----------------|---------|----------------|--------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N            | 14.3 | .4              | .7      | .1             | .2                 | 4.5                          | .0                    | .0*                           | 13.5 | 4.6                      | 22.2          | .0              | .1                      | 54.0          |
| NNE          | 10.9 | .5              | .5      | .0             | .0                 | 3.6                          | .0                    | .0                            | 9.5  | 2.6                      | 23.1          | .0*             | .1                      | 59.4          |
| NE           | 7.7  | .4              | .7      | .1             | .0                 | 2.4                          | .0                    | .0                            | 4.8  | 1.8                      | 26.8          | .0              | .2                      | 60.7          |
| ENE          | 4.6  | .2              | .5      | .0             | .0                 | .9                           | .0                    | .0                            | 2.2  | 2.4                      | 27.4          | .0              | .0                      | 63.4          |
| E            | 1.4  | .3              | .3      | .0             | .0                 | .5                           | .0                    | .0                            | 1.0  | 1.6                      | 27.4          | .0              | .0                      | 66.8          |
| ESE          | 1.5  | .0              | .0      | .0             | .0                 | .0                           | .0                    | .0                            | .6   | 1.2                      | 27.8          | .0              | .0                      | 66.5          |
| SE           | 2.2  | .0              | .0      | .0             | .0                 | .0                           | .0                    | .0                            | 4.4  | .0                       | 28.7          | .0              | .0                      | 64.0          |
| SSE          | 8.0  | .0              | .5      | .0             | .0                 | .5                           | .0                    | 1.0                           | 4.0  | 1.0                      | 23.0          | .0              | .0                      | 63.5          |
| S            | 4.4  | 2.0             | .0      | .0             | .0                 | .4                           | .0                    | .2                            | 3.1  | 1.6                      | 20.3          | .0              | .0                      | 69.3          |
| SSW          | 5.2  | 1.5             | .0      | .0             | .0                 | .2                           | .0                    | .0                            | 1.9  | 1.5                      | 12.8          | .0              | .0                      | 76.8          |
| SW           | 3.7  | .9              | .0      | .0             | .0                 | .0                           | .0                    | .0                            | .7   | .4                       | 6.2           | .0              | .0                      | 85.0          |
| WSW          | 2.0  | .4              | .0      | .0             | .0                 | .1                           | .0                    | .0                            | .9   | .1                       | 5.0           | .0              | .0                      | 85.5          |
| W            | 1.9  | .7              | .2      | .0             | .0                 | .4                           | .0                    | .2                            | .7   | 1.1                      | 4.6           | .0              | .0                      | 87.1          |
| WNW          | 2.2  | .4              | .0      | .0             | .0                 | 1.1                          | .0                    | .0                            | 4.4  | 3.0                      | 8.1           | .0              | .0                      | 77.4          |
| NW           | 5.3  | .7              | .7      | .0             | .0                 | .5                           | .0                    | .0                            | 8.1  | 6.2                      | 19.7          | .0              | .0                      | 59.2          |
| NNW          | 14.9 | .8              | 1.6     | .0             | .1                 | 4.7                          | .1                    | .1                            | 14.9 | 6.5                      | 18.0          | .0              | .0                      | 51.4          |
| VAR          | .0   | .0              | .0      | .0             | .0                 | .0                           | .0                    | .0                            | .0   | .0                       | .0            | .0              | .0                      | .0            |
| CLM          | 3.6  | .0              | .1      | .0             | .0                 | .0                           | .0                    | .0                            | 4.4  | 6.2                      | 44.1          | .0              | .0                      | 45.5          |
| TOTALS       | 1693 | 99              | 107     | 5              | 10                 | 483                          | 1                     | 8                             | 1487 | 618                      | 4211          | 1               | 10                      | 11765         |
| % TOTAL      | 8.8  | .5              | .6      | .0*            | .1                 | 2.5                          | .0*                   | .0*                           | 7.8  | 3.2                      | 21.9          | .0*             | .1                      | 61.3          |

TOTAL NUMBER OF OBSERVATIONS : 19185

NOTES :  
\* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : MAR

| WIND<br>DIR. | RAIN | RAIN<br>SHOWERS | DRIZZLE | FREEZE<br>RAIN<br>FREEZE | SLEET<br>" SHOWERS<br>ICE | SNOW<br>" GRAINS<br>" PELLET | HAIL<br>SMALL<br>HAIL | THUNDER<br>TORNADO<br>SQUALLS | FOG  | ICE FOG<br>GROUND<br>FOG | SMOKE<br>HAZE | BLOWING<br>SNOW | BLOWING<br>SAND<br>DUST | NO<br>WEATHER |
|--------------|------|-----------------|---------|--------------------------|---------------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N            | 21.5 | .9              | 2.0     | .1                       | .3                        | 2.4                          | .0                    | .0                            | 16.9 | 5.9                      | 20.4          | .0              | .1                      | 44.7          |
| NNE          | 18.0 | .9              | .9      | .0                       | .1                        | 2.6                          | .0                    | .0                            | 13.5 | 4.3                      | 19.4          | .0              | .2                      | 50.7          |
| NE           | 14.7 | .5              | .9      | .0                       | .0                        | 1.7                          | .0                    | .1                            | 7.4  | 3.6                      | 22.5          | .0              | .0*                     | 54.1          |
| ENE          | 8.4  | .8              | .6      | .0                       | .0                        | .8                           | .0                    | .2                            | 4.2  | 2.3                      | 20.2          | .0              | .0                      | 59.8          |
| E            | 4.2  | .8              | .3      | .0                       | .0                        | .2                           | .0                    | .2                            | 1.3  | 3.5                      | 22.0          | .0              | .1                      | 62.3          |
| ESE          | 3.7  | .3              | .0      | .0                       | .0                        | .0                           | .0                    | .0                            | 2.3  | 3.4                      | 22.5          | .0              | .0                      | 64.7          |
| SE           | 5.3  | .4              | .4      | .0                       | .0                        | .4                           | .0                    | .0                            | 2.2  | 4.0                      | 19.9          | .0              | .0                      | 62.8          |
| SSE          | 5.1  | .9              | .0      | .0                       | .0                        | .0                           | .0                    | .0                            | 1.8  | 1.7                      | 17.7          | .0              | .0                      | 72.4          |
| S            | 10.6 | 2.0             | .3      | .0                       | .0                        | .0                           | .0                    | .0                            | 3.8  | 1.6                      | 11.4          | .0              | .0                      | 71.5          |
| SSW          | 10.4 | 3.0             | .3      | .0                       | .0                        | .1                           | .0                    | .1                            | 3.7  | 1.6                      | 9.0           | .0              | .2                      | 72.4          |
| SW           | 6.1  | 1.8             | .5      | .0                       | .0                        | .0                           | .0                    | .0                            | 1.9  | .8                       | 8.5           | .0              | .1                      | 80.0          |
| WSW          | 2.3  | 1.2             | .0      | .0                       | .0                        | .0                           | .0                    | .0                            | .9   | .4                       | 9.0           | .0              | .0                      | 83.1          |
| W            | 2.4  | .5              | .2      | .0                       | .0                        | .2                           | .0                    | .5                            | 1.2  | 1.2                      | 5.3           | .0              | .0                      | 79.2          |
| WNW          | 6.9  | 2.3             | .0      | .0                       | .0                        | .0                           | .0                    | .0                            | 7.5  | 2.9                      | 15.0          | .0              | .0                      | 66.5          |
| NW           | 15.0 | .4              | .0      | .2                       | .0                        | 1.1                          | .0                    | .0                            | 10.8 | 8.8                      | 21.6          | .0              | .0                      | 52.2          |
| NNW          | 15.6 | 1.0             | 1.1     | .0                       | .0                        | 1.1                          | .1                    | .3                            | 13.8 | 7.1                      | 23.6          | .0              | .3                      | 49.4          |
| VAR          | .0   | .0              | .0      | .0                       | .0                        | .0                           | .0                    | .0                            | .0   | .0                       | .0            | .0              | .0                      | .0            |
| CLM          | 8.5  | 1.2             | .7      | .0                       | .0                        | .1                           | .0                    | .0                            | 11.2 | 6.9                      | 35.4          | .0              | .1                      | 41.3          |
| TOTALS       | 2892 | 232             | 192     | 4                        | 17                        | 281                          | 1                     | 13                            | 1999 | 873                      | 4048          | 0               | 23                      | 12085         |
| * TOTAL      | 13.6 | 1.1             | .9      | .0*                      | .1                        | 1.3                          | .0*                   | .1                            | 9.4  | 4.1                      | 19.0          | .0              | .1                      | 56.7          |

TOTAL NUMBER OF OBSERVATIONS : 21316

NOTES :  
\* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : APR

| WIND<br>DIR. | RAIN | RAIN<br>SHOWRS | DRIZZLE | FREEZE<br>RAIN<br>FPEEZE | SLEET<br>" SHOWRS<br>ICE | SNOW<br>" GRAINS<br>" PELLET | HAIL<br>SMALL<br>HAIL | THUNDER<br>TORNADO<br>SQUALLS | FOG  | ICE FOG<br>GROUND<br>FOG | SMOKE<br>HAZE | BLOWING<br>SNOW | BLOWING<br>SAND<br>DUST | NO<br>WEATHER |
|--------------|------|----------------|---------|--------------------------|--------------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N            | 21.0 | 1.2            | 2.1     | .0                       | .0                       | .0*                          | .0                    | .1                            | 18.6 | 7.9                      | 23.0          | .0              | .1                      | 43.2          |
| NNE          | 21.5 | .8             | 1.9     | .0                       | .0                       | .3                           | .0                    | .0                            | 17.8 | 6.1                      | 21.9          | .0              | .1                      | 46.1          |
| NE           | 15.6 | .4             | 2.0     | .0                       | .0                       | .0*                          | .0                    | .0                            | 11.0 | 6.1                      | 20.1          | .0              | .3                      | 54.2          |
| ENE          | 14.9 | .6             | 3.2     | .0                       | .0                       | .0                           | .0                    | .0                            | 10.8 | 3.5                      | 14.1          | .0              | .1                      | 62.2          |
| E            | 9.4  | .9             | 2.5     | .0                       | .0                       | .0                           | .0                    | .1                            | 6.1  | 3.9                      | 21.2          | .0              | .0                      | 60.0          |
| ESE          | 6.9  | 1.1            | .6      | .0                       | .0                       | .0                           | .0                    | .3                            | 3.3  | 1.9                      | 18.2          | .0              | .0                      | 68.5          |
| SE           | 5.9  | .0             | 2.0     | .0                       | .0                       | .0                           | .0                    | .0                            | 5.4  | 2.0                      | 14.9          | .0              | .5                      | 71.8          |
| SSE          | 8.3  | .7             | 1.1     | .0                       | .0                       | .0                           | .0                    | .0                            | 6.6  | 4.4                      | 11.1          | .0              | .0                      | 72.1          |
| S            | 11.5 | 2.0            | .6      | .0                       | .0                       | .0                           | .0                    | .0*                           | 6.3  | 2.5                      | 9.0           | .0              | .0                      | 71.4          |
| SSW          | 9.0  | 2.2            | .5      | .0                       | .0                       | .0                           | .0                    | .0*                           | 3.8  | 2.7                      | 9.9           | .0              | .0                      | 72.3          |
| SW           | 8.3  | 1.2            | .2      | .0                       | .0                       | .0                           | .0                    | .0                            | 2.4  | 3.4                      | 8.2           | .0              | .0                      | 77.0          |
| WSW          | 6.4  | 1.9            | .3      | .0                       | .0                       | .0                           | .0                    | .0                            | 1.9  | 3.3                      | 9.0           | .0              | .0                      | 78.1          |
| W            | 10.6 | 2.4            | .4      | .0                       | .0                       | .0                           | .0                    | .8                            | 3.2  | 4.4                      | 10.0          | .0              | .0                      | 73.6          |
| WNW          | 14.8 | .9             | .0      | .0                       | .0                       | .0                           | .0                    | .9                            | 13.0 | 5.2                      | 9.6           | .0              | .0                      | 62.6          |
| NW           | 15.7 | 1.3            | .4      | .0                       | .0                       | .0                           | .0                    | .0                            | 14.0 | 10.6                     | 17.9          | .0              | .0                      | 52.3          |
| NNW          | 21.2 | 1.1            | 2.9     | .0                       | .0                       | .0                           | .0                    | .3                            | 24.2 | 11.5                     | 23.3          | .0              | .0                      | 37.1          |
| VAR          | .0   | .0             | .0      | .0                       | .0                       | .0                           | .0                    | .0                            | .0   | .0                       | .0            | .0              | .0                      | .0            |
| CLM          | 9.8  | .9             | 1.5     | .0                       | .0                       | .0                           | .0                    | .0                            | 18.1 | 10.3                     | 26.7          | .0              | .1                      | 45.3          |
| TOTALS       | 2898 | 248            | 307     | .0                       | .0                       | .0                           | .0                    | .1                            | 2247 | 1088                     | 3460          | .0              | .16                     | 12110         |
| % TOTAL      | 14.1 | 1.2            | 1.5     | .0                       | .0                       | .0*                          | .0                    | .1                            | 10.9 | 5.3                      | 16.8          | .0              | .1                      | 58.8          |

TOTAL NUMBER OF OBSERVATIONS : 20592

NOTES :  
\* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : MAY

| WIND<br>DIR. | RAIN | RAIN<br>SHOWRS | ORIZZLE | FREEZE<br>RAIN<br>FREEZE | SLEET<br>" SHOWRS<br>ICE | SNOW<br>" GRAINS<br>" PELLET | HAIL<br>SMALL<br>HAIL | THUNDER<br>TORNADO<br>SQUALLS | FOG  | ICE FOG<br>GROUND<br>FOG | SMOKE<br>HAZE | BLOWING<br>SNOW | BLOWING<br>SAND<br>DUST | NO<br>WEATHER |
|--------------|------|----------------|---------|--------------------------|--------------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N            | 23.7 | 1.1            | 3.6     | .0                       | .0                       | .0                           | .0                    | .3                            | 24.2 | 11.6                     | 23.1          | .0              | .0                      | 38.1          |
| NNE          | 19.8 | .8             | 3.0     | .0                       | .0                       | .0                           | .0                    | .0*                           | 19.9 | 8.1                      | 21.6          | .0              | .0*                     | 43.6          |
| NE           | 18.7 | 1.2            | 2.0     | .0                       | .0                       | .0                           | .0                    | .2                            | 14.8 | 5.9                      | 17.7          | .0              | .0                      | 52.0          |
| ENE          | 11.9 | .8             | 1.8     | .0                       | .0                       | .0                           | .0                    | .0                            | 10.0 | 3.9                      | 16.8          | .0              | .0                      | 60.7          |
| E            | 8.4  | 1.0            | 1.0     | .0                       | .0                       | .0                           | .0                    | .0                            | 6.5  | 3.2                      | 23.9          | .0              | .0                      | 59.4          |
| ESE          | 9.3  | 1.5            | .8      | .0                       | .0                       | .0                           | .0                    | .0                            | 5.2  | 2.1                      | 25.0          | .0              | .0                      | 59.5          |
| SE           | 12.7 | .7             | .0      | .0                       | .0                       | .0                           | .0                    | .0                            | 6.5  | 4.1                      | 17.5          | .0              | .0                      | 65.3          |
| SSE          | 10.7 | .5             | .3      | .0                       | .0                       | .0                           | .0                    | .0                            | 6.2  | 2.9                      | 13.5          | .0              | .0                      | 68.8          |
| S            | 8.6  | 1.5            | .8      | .0                       | .0                       | .0                           | .0                    | .1                            | 5.6  | 2.4                      | 10.3          | .0              | .0                      | 73.6          |
| SSW          | 9.2  | 1.5            | 1.0     | .0                       | .0                       | .0                           | .0                    | .2                            | 5.5  | 3.0                      | 11.3          | .0              | .0                      | 69.9          |
| SW           | 9.9  | 1.5            | .5      | .0                       | .0                       | .0                           | .0                    | .0                            | 5.4  | 4.2                      | 12.4          | .0              | .0                      | 69.8          |
| WSW          | 9.5  | 1.0            | .2      | .0                       | .0                       | .0                           | .0                    | .0                            | 4.1  | 3.4                      | 12.0          | .0              | .0                      | 72.6          |
| W            | 5.9  | 1.4            | .5      | .0                       | .0                       | .0                           | .0                    | .5                            | 5.9  | 5.9                      | 20.5          | .0              | .0                      | 63.5          |
| NW           | 15.2 | .0             | .6      | .0                       | .0                       | .0                           | .0                    | .0                            | 12.1 | 8.5                      | 14.5          | .0              | .0                      | 59.4          |
| NW           | 16.6 | .9             | 1.2     | .0                       | .0                       | .0                           | .0                    | .6                            | 15.7 | 13.9                     | 20.5          | .0              | .0                      | 48.4          |
| NNW          | 22.5 | 1.3            | 1.7     | .0                       | .0                       | .0                           | .0                    | .1                            | 21.7 | 16.7                     | 19.9          | .0              | .0                      | 37.8          |
| VAR          | .0   | .0             | .0      | .0                       | .0                       | .0                           | .0                    | .0                            | .0   | .0                       | .0            | .0              | .0                      | .0            |
| CLM          | 11.0 | .4             | 1.6     | .0                       | .0                       | .0                           | .0                    | .0                            | 14.1 | 9.7                      | 27.0          | .0              | .0                      | 45.3          |
| TOTALS       | 2896 | 242            | 332     | 0                        | 0                        | 0                            | 0                     | 25                            | 2425 | 1248                     | 3611          | 0               | 1                       | 12446         |
| * TOTAL      | 13.6 | 1.1            | 1.6     | .0                       | .0                       | .0                           | .0                    | .1                            | 11.4 | 5.9                      | 16.9          | .0              | .0*                     | 58.4          |

TOTAL NUMBER OF OBSERVATIONS : 21306

NOTES : \* = PERCENT < .05

## 14 - PERCENTAGE FREQUENCY OF WIND DIRECTION

VERSUS

WEATHER CONDITIONS

(FROM HOURLY OBSERVATIONS)

J43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JUN

| WIND<br>DIR. | RAIN | RAIN<br>SHOWERS | CRIZZLE | FREEZE<br>RAIN<br>FREEZE | SLEET<br>" SHOWERS<br>ICE | SNOW<br>" GRAINS<br>" PELLET | HAIL<br>SMALL<br>HAIL | THUNDER<br>TORNADO<br>SQUALLS | FOG  | ICE FOG<br>GROUND<br>FOG | SMOKE<br>HAZE | BLOWING<br>SNOW | BLOWING<br>SAND<br>DUST | NO<br>WEATHER |
|--------------|------|-----------------|---------|--------------------------|---------------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N            | 30.6 | 2.2             | 3.9     | .0                       | .0                        | .0                           | .0                    | .2                            | 34.1 | 13.2                     | 17.7          | .0              | .0                      | 24.9          |
| NNE          | 22.3 | 2.1             | 5.1     | .0                       | .0                        | .0                           | .0                    | .1                            | 24.3 | 12.6                     | 19.8          | .0              | .0                      | 32.9          |
| NE           | 18.6 | 1.3             | 3.5     | .0                       | .0                        | .0                           | .0                    | .2                            | 19.4 | 8.1                      | 16.9          | .0              | .0                      | 48.1          |
| ENE          | 14.9 | 1.6             | 3.1     | .0                       | .0                        | .0                           | .0                    | .3                            | 12.0 | 8.8                      | 19.6          | .0              | .0                      | 50.1          |
| E            | 11.8 | 1.4             | 1.4     | .0                       | .0                        | .0                           | .0                    | .5                            | 7.6  | 5.5                      | 24.3          | .0              | .0                      | 52.1          |
| ESE          | 8.1  | 1.5             | .9      | .0                       | .0                        | .0                           | .0                    | .3                            | 6.4  | 4.9                      | 26.5          | .0              | .3                      | 56.7          |
| SE           | 11.3 | 3.3             | 1.7     | .0                       | .0                        | .0                           | .0                    | .0                            | 9.6  | 5.3                      | 27.2          | .0              | .0                      | 50.8          |
| SSE          | 14.2 | 1.5             | .2      | .0                       | .0                        | .0                           | .0                    | .2                            | 10.1 | 6.7                      | 18.9          | .0              | .0                      | 57.1          |
| S            | 12.8 | 3.1             | .3      | .0                       | .0                        | .0                           | .0                    | .1                            | 7.7  | 4.3                      | 14.6          | .0              | .0                      | 64.5          |
| SSW          | 10.3 | 2.1             | .4      | .0                       | .0                        | .0                           | .0                    | .2                            | 6.3  | 4.2                      | 13.3          | .0              | .0                      | 67.3          |
| SW           | 9.5  | 1.9             | .2      | .0                       | .0                        | .0                           | .0                    | .2                            | 4.6  | 3.3                      | 11.7          | .0              | .0                      | 71.7          |
| WSW          | 10.5 | 1.9             | .7      | .0                       | .0                        | .0                           | .0                    | .2                            | 5.6  | 3.5                      | 12.9          | .0              | .0                      | 69.2          |
| W            | 11.6 | 2.5             | 1.2     | .0                       | .0                        | .0                           | .0                    | .0                            | 10.4 | 9.1                      | 13.7          | .0              | .0                      | 58.1          |
| WNW          | 14.1 | 2.1             | .7      | .0                       | .0                        | .0                           | .0                    | .0                            | 14.1 | 21.1                     | 18.3          | .0              | .0                      | 46.5          |
| NW           | 28.2 | 1.3             | 5.6     | .0                       | .0                        | .0                           | .0                    | .3                            | 32.0 | 19.7                     | 19.7          | .0              | .0                      | 28.2          |
| NNW          | 31.0 | 2.4             | 7.2     | .0                       | .0                        | .0                           | .0                    | .0                            | 32.8 | 19.1                     | 16.0          | .0              | .0                      | 23.8          |
| VAR          | .0   | .0              | .0      | .0                       | .0                        | .0                           | .0                    | .0                            | .0   | .0                       | .0            | .0              | .0                      | .0            |
| CLM          | 12.6 | .9              | 2.1     | .0                       | .0                        | .0                           | .0                    | .1                            | 18.7 | 16.8                     | 25.6          | .0              | .0                      | 38.9          |
| TOTALS       | 3325 | 410             | 446     | .0                       | .0                        | .0                           | .0                    | 34                            | 3075 | 1757                     | 3610          | 0               | 1                       | 10476         |
| * TOTAL      | 16.1 | 2.0             | 2.2     | .0                       | .0                        | .0                           | .0                    | .2                            | 14.9 | 8.5                      | 17.5          | .0              | .0*                     | 50.9          |

TOTAL NUMBER OF OBSERVATIONS : 20589

NOTES :  
\* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987  
LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JUL

| WIND<br>DIR. | RAIN | RAIN<br>SHOWRS | CRIZZLE | FREEZE<br>RAIN<br>FREEZE | SLEET<br>" SHOWRS<br>ICE | SNOW<br>" GRAINS<br>" PELLET | HAIL<br>SMALL<br>HAIL | THUNDER<br>TORNADO<br>SQUALLS | FOG  | ICE FOG<br>GROUND<br>FOG | SMOKE<br>HAZE | BLOWING<br>SNOW | BLOWING<br>SAND<br>DUST | NO<br>WEATHER |
|--------------|------|----------------|---------|--------------------------|--------------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N            | 19.0 | 2.6            | 4.9     | .0                       | .0                       | .0                           | .0                    | .2                            | 35.4 | 18.8                     | 18.9          | .0              | .0                      | 25.1          |
| NNE          | 13.7 | 3.0            | 5.2     | .0                       | .0                       | .0                           | .0                    | .3                            | 25.5 | 15.5                     | 19.4          | .0              | .0                      | 32.6          |
| NE           | 12.6 | 3.2            | 3.9     | .0                       | .0                       | .0                           | .0                    | .2                            | 20.2 | 8.5                      | 17.2          | .0              | .0                      | 47.9          |
| ENE          | 10.3 | 2.3            | 1.9     | .0                       | .0                       | .0                           | .0                    | .3                            | 13.9 | 9.9                      | 16.6          | .0              | .0                      | 54.5          |
| E            | 7.5  | 3.0            | 1.4     | .0                       | .0                       | .0                           | .0                    | .6                            | 8.0  | 7.1                      | 24.5          | .0              | .0                      | 52.0          |
| ESE          | 6.6  | 3.2            | 1.1     | .0                       | .0                       | .0                           | .0                    | .3                            | 6.6  | 7.1                      | 33.4          | .0              | .0                      | 46.6          |
| SE           | 9.7  | 2.7            | .7      | .0                       | .0                       | .0                           | .0                    | .3                            | 6.3  | 7.0                      | 23.3          | .0              | .0                      | 52.3          |
| SSE          | 9.2  | 2.3            | .8      | .0                       | .0                       | .0                           | .0                    | .1                            | 5.7  | 7.7                      | 17.2          | .0              | .0                      | 61.5          |
| S            | 7.4  | 2.1            | 1.1     | .0                       | .0                       | .0                           | .0                    | .1                            | 5.7  | 5.9                      | 16.8          | .0              | .0                      | 65.1          |
| SSW          | 6.6  | 2.9            | .3      | .0                       | .0                       | .0                           | .0                    | .2                            | 5.1  | 4.8                      | 14.4          | .0              | .0                      | 67.7          |
| SW           | 7.6  | 3.0            | .1      | .0                       | .0                       | .0                           | .0                    | .2                            | 5.6  | 6.1                      | 17.2          | .0              | .0                      | 63.8          |
| WSW          | 8.9  | 1.6            | .1      | .0                       | .0                       | .0                           | .0                    | .3                            | 5.8  | 7.6                      | 21.1          | .0              | .0                      | 57.8          |
| W            | 9.0  | 2.5            | 1.6     | .0                       | .0                       | .0                           | .0                    | 1.2                           | 10.2 | 12.3                     | 22.5          | .0              | .0                      | 48.0          |
| WNW          | 8.6  | 7.9            | 1.3     | .0                       | .0                       | .0                           | .0                    | .7                            | 13.2 | 27.6                     | 16.4          | .0              | .0                      | 34.2          |
| NW           | 11.9 | 7.2            | 3.4     | .0                       | .0                       | .0                           | .0                    | .4                            | 25.4 | 23.7                     | 19.5          | .0              | .0                      | 29.7          |
| NNW          | 19.4 | 2.4            | 5.6     | .0                       | .0                       | .0                           | .0                    | .4                            | 30.0 | 26.3                     | 17.9          | .0              | .0                      | 25.9          |
| VAR          | .0   | .0             | .0      | .0                       | .0                       | .0                           | .0                    | .0                            | .0   | .0                       | .0            | .0              | .0                      | .0            |
| CLM          | 8.5  | 1.8            | 1.2     | .0                       | .0                       | .0                           | .0                    | .1                            | 21.8 | 19.5                     | 28.8          | .0              | .0                      | 35.6          |
| TOTALS       | 2020 | 574            | 368     | 0                        | 0                        | 0                            | 0                     | 50                            | 2683 | 2080                     | 3981          | 0               | 0                       | 11366         |
| % TOTAL      | 9.5  | 2.7            | 1.7     | .0                       | .0                       | .0                           | .0                    | .2                            | 12.6 | 9.8                      | 16.7          | .0              | .0                      | 53.3          |

TOTAL NUMBER OF OBSERVATIONS : 21306

NOTES :  
# = PERCENT < .05

2003

## HEALTH CONDITIONS

(FROM HOUSELY OBSERVATIONS)

43323 YCROSUKA, JAPAN.

1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : AUG

| WIND<br>DIR. | RAIN | RAIN<br>SHOWERS | DRIZZLE | FREEZE<br>RAIN | SLEET<br>" SHOWERS<br>ICE | SNOW<br>" GRAINS<br>" PELLET | HAIL<br>SMALL<br>HAIL | THUNDER<br>TORNADO<br>SQUALLS | FOG  | ICE FOG<br>GROUND<br>FOG | SMOKE<br>HAZE | FLOWING<br>SNOW | BLOWING<br>SAND<br>DUST | NO<br>WEATHER |
|--------------|------|-----------------|---------|----------------|---------------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| 12.0         | 6.5  | 1.9             | 0       | 0              | 0                         | 0                            | 0                     | 5                             | 26.5 | 13.7                     | 22.5          | 0               | 0                       | 37.1          |
| 9.4          | 4.6  | 2.5             | 0       | 0              | 0                         | 0                            | 0                     | 3                             | 18.7 | 9.4                      | 21.3          | 0               | 0                       | 46.9          |
| 7.0          | 3.4  | 1.6             | 0       | 0              | 0                         | 0                            | 0                     | 4                             | 11.2 | 7.5                      | 23.0          | 0               | 0                       | 53.9          |
| 4.5          | 4.3  | 2.4             | 0       | 0              | 0                         | 0                            | 0                     | 1                             | 8.0  | 3.0                      | 20.7          | 0               | 0                       | 56.3          |
| 5.0          | 3.7  | 1.0             | 0       | 0              | 0                         | 0                            | 0                     | 5                             | 6.8  | 5.9                      | 28.3          | 0               | 0                       | 52.5          |
| 6.5          | 2.1  | 1.5             | 0       | 0              | 0                         | 0                            | 0                     | 1.6                           | 3.6  | 3.6                      | 22.4          | 0               | 0                       | 57.9          |
| 2.0          | 4.9  | 0               | 0       | 0              | 0                         | 0                            | 0                     | 0                             | 2.3  | 3.2                      | 18.1          | 0               | 0                       | 64.1          |
| 3.8          | 4.2  | 1               | 0       | 0              | 0                         | 0                            | 0                     | 5                             | 3.7  | 3.8                      | 12.1          | 0               | 0                       | 71.9          |
| 3.4          | 4.4  | 3               | 0       | 0              | 0                         | 0                            | 0                     | 2                             | 3.1  | 4.2                      | 10.9          | 0               | 0                       | 70.8          |
| 2.0          | 3.3  | 0.8             | 0       | 0              | 0                         | 0                            | 0                     | 2                             | 2.1  | 5.4                      | 13.3          | 0               | 0                       | 70.6          |
| 3.1          | 3.6  | 1               | 0       | 0              | 0                         | 0                            | 0                     | 0                             | 2.1  | 4.5                      | 13.2          | 0               | 1                       | 75.7          |
| 3.3          | 3.5  | 4               | 0       | 0              | 0                         | 0                            | 0                     | 1                             | 3.3  | 6.4                      | 16.8          | 0               | 0                       | 68.3          |
| 4.0          | 3.2  | 0               | 0       | 0              | 0                         | 0                            | 0                     | 1.4                           | 8.1  | 10.2                     | 16.5          | 0               | 0                       | 63.5          |
| 3.4          | 3.6  | 0               | 0       | 0              | 0                         | 0                            | 0                     | 6                             | 10.1 | 25.1                     | 30.2          | 0               | 0                       | 41.9          |
| 4.7          | 4.2  | 7               | 0       | 0              | 0                         | 0                            | 0                     | 1.1                           | 17.8 | 26.4                     | 25.4          | 0               | 0                       | 36.2          |
| 3.7          | 4.2  | 6               | 0       | 0              | 0                         | 0                            | 0                     | 3                             | 16.4 | 27.5                     | 23.2          | 0               | 0                       | 38.5          |
| 3.0          | 3.0  | 0               | 0       | 0              | 0                         | 0                            | 0                     | 0                             | 0    | 0                        | 0             | 0               | 0                       | 0             |
| 3.0          | 1.8  | 4               | 0       | 0              | 0                         | 0                            | 0                     | 3                             | 10.7 | 20.5                     | 26.0          | 0               | 0                       | 46.7          |
| 10.0         | 6.2  | 164             | 0       | 0              | 0                         | 0                            | 0                     | 65                            | 1627 | 1712                     | 3770          | 0               | 1                       | 12966         |
| 9.4          | 3.9  | 8               | 0       | 0              | 0                         | 0                            | 0                     | 3                             | 7.6  | 9.0                      | 17.7          | 0               | 0*                      | 60.0          |

TOTAL NUMBER OF OBSERVATIONS : 21310

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

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

443323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : SEP

| WIND<br>DIR. | RAIN  | RAIN<br>SHOWERS | DRIZZLE | FREEZE<br>RAIN<br>FREEZE | SLEET<br>" SHOWERS<br>ICE | SNOW<br>" GRAINS<br>" PELLET | HAIL<br>SMALL<br>HAIL | THUNDER<br>TORNADO<br>SQUALLS | FOC   | ICE FOG<br>GROUND<br>FOG | SMOKE<br>HAZE | BLOWING<br>SNOW | BLOWING<br>SAND<br>DUST | NO<br>WEATHER |
|--------------|-------|-----------------|---------|--------------------------|---------------------------|------------------------------|-----------------------|-------------------------------|-------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N            | 24.3  | 3.5             | 2.6     | .0                       | .0                        | .0                           | .0                    | .3                            | 29.6  | 11.7                     | 21.0          | .0              | .0                      | 30.4          |
| NNE          | 12.2  | 3.6             | 1.6     | .0                       | .0                        | .0                           | .0                    | .2                            | 17.7  | 7.0                      | 21.0          | .0              | .0                      | 46.4          |
| NE           | 10.1  | 2.9             | 1.3     | .0                       | .0                        | .0                           | .0                    | .2                            | 11.0  | 4.6                      | 16.5          | .0              | .0                      | 60.9          |
| ENE          | 7.7   | 3.0             | .0      | .0                       | .0                        | .0                           | .0                    | .1                            | 7.8   | 4.8                      | 15.4          | .0              | .0                      | 65.0          |
| E            | 4.6   | 2.3             | .3      | .0                       | .0                        | .0                           | .0                    | .4                            | 3.9   | 5.3                      | 18.9          | .0              | .0                      | 68.0          |
| ESE          | 3.4   | 2.5             | .3      | .0                       | .0                        | .0                           | .0                    | .6                            | 4.7   | 5.6                      | 19.6          | .0              | .0                      | 62.9          |
| SE           | 8.1   | 3.2             | 1.1     | .0                       | .0                        | .0                           | .0                    | .5                            | 6.5   | 6.5                      | 11.4          | .0              | .0                      | 61.1          |
| SSE          | 13.7  | 2.5             | .3      | .0                       | .0                        | .0                           | .0                    | .8                            | 12.2  | 4.2                      | 11.7          | .0              | .0                      | 59.7          |
| S            | 5.0   | 3.2             | .2      | .0                       | .0                        | .0                           | .0                    | .2                            | 3.6   | 3.7                      | 8.0           | .0              | .0                      | 77.9          |
| SSW          | 4.4   | 3.7             | .1      | .0                       | .0                        | .0                           | .0                    | .2                            | 3.4   | 3.8                      | 9.8           | .0              | .1                      | 75.7          |
| SW           | 5.1   | 3.9             | .1      | .0                       | .0                        | .0                           | .0                    | .5                            | 3.5   | 2.6                      | 11.1          | .0              | .0                      | 73.3          |
| SSW          | 6.3   | 4.0             | .0      | .0                       | .0                        | .0                           | .0                    | .6                            | 4.0   | 3.7                      | 16.4          | .0              | .0                      | 67.2          |
| W            | 6.0   | 4.4             | 1.9     | .0                       | .0                        | .0                           | .0                    | .0                            | 4.4   | 11.2                     | 17.5          | .0              | .0                      | 58.1          |
| WSW          | 17.2  | 2.2             | 1.5     | .0                       | .0                        | .0                           | .0                    | .0                            | 11.9  | 14.9                     | 9.7           | .0              | .0                      | 46.3          |
| NW           | 16.3  | 4.2             | .0      | .0                       | .0                        | .0                           | .0                    | .6                            | 25.3  | 21.8                     | 13.5          | .0              | .0                      | 29.5          |
| NNW          | 20.0  | 3.0             | 3.5     | .0                       | .0                        | .0                           | .0                    | .3                            | 32.3  | 17.0                     | 16.6          | .0              | .0                      | 22.0          |
| VAR          | .0    | .0              | .0      | .0                       | .0                        | .0                           | .0                    | .0                            | .0    | .0                       | .0            | .0              | .0                      | .0            |
| CLD          | 2.8   | 1.6             | .5      | .0                       | .0                        | .0                           | .0                    | .2                            | 17.6  | 14.4                     | 19.6          | .0              | .0                      | 46.4          |
| TOTALS       | 255.5 | 66.3            | 24.7    | .0                       | .0                        | .0                           | .0                    | 54                            | 295.6 | 156.9                    | 337.6         | 0               | 3                       | 1116.8        |
| % TOTAL      | 12.4  | 3.2             | 1.2     | .0                       | .0                        | .0                           | .0                    | .3                            | 14.3  | 7.6                      | 16.4          | .0              | .0*                     | 54.2          |

TOTAL NUMBER OF OBSERVATIONS : 20610

NOTES : PERCENT .05



# 14 - PERCENTAGE FREQUENCY OF WIND DIRECTION

VERSUS

WEATHER CONDITIONS

(FROM HOURLY OBSERVATIONS)

43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : OCT

| WIND DIR. | RAIN | RAIN SHOWERS | CRIZZLE | FREEZE FAIN FREEZE | SLEET " SHOWRS ICE | SNOW " GRAINS " PELLET | HAIL SMALL HAIL SQUALLS | THUNDER TORNADO | FOG  | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|-----------|------|--------------|---------|--------------------|--------------------|------------------------|-------------------------|-----------------|------|--------------------|------------|--------------|-------------------|------------|
| N         | 24.2 | 1.5          | 1.5     | .0                 | .0                 | .0                     | .0                      | .0*             | 22.6 | 11.3               | 25.0       | .0           | .1                | 35.2       |
| NNE       | 18.0 | 1.5          | .9      | .0                 | .0                 | .0                     | .0                      | .0*             | 15.3 | 5.9                | 24.6       | .0           | .0*               | 44.6       |
| NE        | 11.9 | .5           | .4      | .0                 | .0                 | .0                     | .0                      | .0*             | 7.9  | 3.1                | 17.1       | .0           | .0                | 62.4       |
| ENE       | 8.3  | .8           | .5      | .0                 | .0                 | .0                     | .0                      | .0              | 4.3  | 3.0                | 14.5       | .0           | .0                | 68.1       |
| E         | 4.2  | .4           | .2      | .0                 | .0                 | .0                     | .0                      | .0              | 2.8  | 3.9                | 21.4       | .0           | .0                | 66.4       |
| ESE       | 3.5  | 1.2          | .0      | .0                 | .0                 | .0                     | .0                      | .8              | 3.1  | .8                 | 23.9       | .0           | .0                | 60.4       |
| SE        | 8.3  | .0           | .0      | .0                 | .0                 | .0                     | .0                      | .0              | 3.8  | 1.9                | 26.9       | .0           | .0                | 53.8       |
| SSE       | 4.2  | .4           | .0      | .0                 | .0                 | .0                     | .0                      | .0              | 6.3  | 4.2                | 18.3       | .0           | .0                | 55.0       |
| S         | 6.0  | 2.6          | .2      | .0                 | .0                 | .0                     | .0                      | .0              | 4.2  | 4.0                | 11.8       | .0           | .0                | 67.5       |
| SSW       | 6.3  | 2.6          | .3      | .0                 | .0                 | .0                     | .0                      | .0              | 3.4  | 2.5                | 9.4        | .0           | .0                | 71.9       |
| SW        | 5.0  | 1.6          | .0      | .0                 | .0                 | .0                     | .0                      | .4              | 1.6  | 1.3                | 7.9        | .0           | .0                | 78.2       |
| WSW       | 4.9  | 2.2          | .0      | .0                 | .0                 | .0                     | .0                      | .3              | 2.2  | 2.5                | 6.5        | .0           | .0                | 76.9       |
| W         | 11.6 | 1.2          | .0      | .0                 | .0                 | .0                     | .0                      | .0              | 3.5  | 6.9                | 6.4        | .0           | .0                | 66.5       |
| WNW       | 11.2 | 1.3          | .0      | .0                 | .0                 | .0                     | .0                      | .0              | 19.9 | 9.9                | 12.6       | .0           | .0                | 50.3       |
| NW        | 13.3 | 1.6          | 1.8     | .0                 | .0                 | .0                     | .0                      | .0              | 20.0 | 18.2               | 22.6       | .0           | .0                | 33.3       |
| NNW       | 21.2 | 1.8          | 1.1     | .0                 | .0                 | .0                     | .0                      | .1              | 23.9 | 18.1               | 20.9       | .0           | .1                | 30.7       |
| VAR       | .0   | .0           | .0      | .0                 | .0                 | .0                     | .0                      | .0              | .0   | .0                 | .0         | .0           | .0                | .0         |
| CLM       | 7.9  | .6           | 1.1     | .0                 | .0                 | .0                     | .0                      | .0              | 15.5 | 8.0                | 31.1       | .0           | .0                | 44.1       |
| TOTALS    | 3290 | 302          | 182     | .0                 | .0                 | .0                     | .0                      | 10              | 2965 | 1609               | 4428       | .0           | 9                 | 10555      |
| % TOTAL   | 15.4 | 1.4          | .9      | .0                 | .0                 | .0                     | .0                      | .0*             | 13.9 | 7.5                | 20.8       | .0           | .0*               | 49.5       |

TOTAL NUMBER OF OBSERVATIONS : 21317

NOTES : \* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : NOV

| WIND DIR. | RAIN  | RAIN SHOWERS | DRIZZLE | FREEZE RAIN | SLEET " SHOWERS | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG   | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|-----------|-------|--------------|---------|-------------|-----------------|------------------------|-----------------|-------------------------|-------|--------------------|------------|--------------|-------------------|------------|
| N         | 14.4  | .7           | .9      | .0          | .0*             | .0                     | .0              | .0*                     | 12.3  | 11.3               | 34.3       | .0           | .0                | 39.5       |
| NNE       | 11.4  | .6           | .7      | .0          | .0              | .0*                    | .0              | .1                      | 7.9   | 6.8                | 34.7       | .0           | .0                | 45.9       |
| NE        | 9.0   | .9           | .4      | .0          | .0              | .0                     | .0              | .0*                     | 5.9   | 3.5                | 30.1       | .0           | .0                | 56.6       |
| ENE       | 7.6   | 1.0          | .3      | .0          | .0              | .1                     | .0              | .0                      | 3.0   | 2.8                | 20.9       | .0           | .0                | 64.3       |
| E         | 4.6   | .3           | .2      | .0          | .0              | .0                     | .0              | .2                      | 2.8   | 2.4                | 24.2       | .0           | .0                | 63.8       |
| ESE       | 1.1   | .4           | .0      | .0          | .0              | .0                     | .0              | .4                      | 3.1   | 2.7                | 28.2       | .0           | .0                | 62.6       |
| SE        | 2.6   | .0           | .0      | .0          | .0              | .0                     | .0              | .0                      | 5.8   | 6.5                | 27.9       | .0           | .0                | 56.5       |
| SSE       | 3.4   | .5           | .0      | .0          | .0              | .0                     | .0              | .0                      | 5.4   | 6.3                | 23.9       | .0           | .0                | 56.1       |
| S         | 8.8   | 1.3          | .4      | .0          | .0              | .0                     | .0              | .0                      | 5.4   | 5.4                | 21.1       | .0           | .0                | 57.3       |
| SSW       | 7.9   | 2.5          | .3      | .0          | .0              | .0                     | .0              | .3                      | 3.7   | 1.9                | 16.6       | .0           | .0                | 63.3       |
| SW        | 4.7   | 2.7          | .3      | .0          | .0              | .0                     | .0              | .0                      | 1.5   | 2.6                | 10.8       | .0           | .0                | 73.2       |
| WSW       | 2.9   | 1.7          | .3      | .0          | .0              | .0                     | .0              | .0                      | 1.4   | 1.1                | 4.7        | .0           | .0                | 76.9       |
| W         | 2.6   | .3           | .0      | .0          | .0              | .0                     | .0              | .0                      | 3.1   | 1.0                | 7.9        | .0           | .0                | 69.6       |
| WNW       | 4.4   | .5           | .0      | .0          | .0              | .0                     | .0              | .0                      | 12.7  | 8.3                | 24.5       | .0           | .0                | 47.5       |
| NW        | 5.0   | .2           | .4      | .0          | .0              | .0                     | .0              | .0                      | 19.5  | 15.2               | 33.1       | .0           | .0                | 31.1       |
| NNW       | 12.2  | 1.3          | .7      | .0          | .0              | .0                     | .0              | .2                      | 16.8  | 13.5               | 32.4       | .0           | .0                | 33.5       |
| VAR       | .0    | .0           | .0      | .0          | .0              | .0                     | .0              | .0                      | .0    | .0                 | .0         | .0           | .0                | .0         |
| CLM       | 4.8   | .1           | .2      | .0          | .0              | .0                     | .0              | .0                      | 11.9  | 9.5                | 45.7       | .0           | .0                | 34.5       |
| TOTALS    | 197.0 | 185          | 109     | .0          | 1               | 2                      | .0              | 13                      | 178.4 | 149.4              | 610.1      | .0           | .0                | 1016.1     |
| * TOTAL   | 9.6   | .9           | .5      | .0          | .0*             | .0*                    | .0              | .1                      | 8.6   | 7.2                | 29.6       | .0           | .0                | 49.3       |

TOTAL NUMBER OF OBSERVATIONS : 20628

NOTES : \* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : DEC

| WIND<br>DIR. | RAIN | RAIN<br>SHOWRS | DRIZZLE | FREFZE<br>RAIN<br>FREEZE | SLEET<br>" SHOWRS<br>ICE | SNOW<br>" GRAINS<br>" PELLET | HAIL<br>SMALL<br>HAIL | THUNDER<br>TORNADO<br>SQUALLS | FOG  | ICE FOG<br>GROUND<br>FOG | SMOKE<br>HAZE | BLowing<br>SNOW | BLowing<br>SAND<br>DUST | NO<br>WEATHER |
|--------------|------|----------------|---------|--------------------------|--------------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N            | 9.4  | .6             | .2      | .0                       | .0                       | .4                           | .0                    | .0*                           | 7.8  | 7.0                      | 36.0          | .0              | .0                      | 46.1          |
| NNE          | 6.9  | .7             | .2      | .0                       | .0*                      | .1                           | .0                    | .1                            | 6.0  | 4.6                      | 34.0          | .0              | .0                      | 52.1          |
| NE           | 4.0  | .4             | .2      | .0                       | .0                       | .1                           | .0                    | .0                            | 3.2  | 2.3                      | 34.1          | .0              | .0                      | 58.3          |
| ENE          | 2.6  | 1.2            | .1      | .0                       | .0                       | .2                           | .0                    | .0                            | 2.7  | 1.9                      | 27.2          | .0              | .0                      | 62.6          |
| E            | 1.5  | .2             | .0      | .0                       | .0                       | .0                           | .0                    | .0                            | 1.3  | 2.3                      | 32.8          | .0              | .0                      | 59.0          |
| ESE          | 1.6  | .4             | .0      | .0                       | .0                       | .0                           | .0                    | .0                            | 1.6  | 5.2                      | 41.4          | .0              | .0                      | 45.4          |
| SE           | 1.7  | .6             | .0      | .0                       | .0                       | .0                           | .0                    | .0                            | 1.7  | 1.7                      | 38.4          | .0              | .0                      | 52.9          |
| SSE          | 5.1  | .6             | .0      | .0                       | .0                       | .0                           | .0                    | .6                            | 5.1  | 4.0                      | 31.4          | .0              | .0                      | 55.4          |
| S            | 7.6  | 2.1            | .0      | .0                       | .0                       | .2                           | .0                    | .2                            | 3.8  | 4.5                      | 24.8          | .0              | .0                      | 56.9          |
| SSW          | 6.5  | 2.1            | .1      | .0                       | .0                       | .0                           | .0                    | .3                            | 1.9  | 2.2                      | 16.4          | .0              | .0                      | 66.4          |
| SW           | 3.5  | 1.8            | .1      | .0                       | .0                       | .1                           | .0                    | .4                            | 1.0  | .8                       | 9.0           | .0              | .0                      | 78.7          |
| WSW          | 2.4  | .6             | .0      | .0                       | .0                       | .0                           | .0                    | .0                            | .5   | .7                       | 5.1           | .0              | .0                      | 82.1          |
| W            | .6   | .6             | .0      | .0                       | .0                       | .0                           | .0                    | .0                            | 1.5  | .9                       | 7.3           | .0              | .0                      | 82.7          |
| WNW          | 1.9  | .3             | .3      | .0                       | .0                       | .0                           | .0                    | .0                            | 6.8  | 3.0                      | 25.7          | .0              | .0                      | 56.5          |
| NW           | 2.4  | .3             | .0      | .0                       | .0                       | .0                           | .0                    | .0                            | 10.0 | 6.3                      | 37.3          | .0              | .0                      | 42.8          |
| NNW          | 7.5  | .6             | .2      | .0                       | .0                       | .4                           | .0                    | .1                            | 10.0 | 9.4                      | 37.0          | .0              | .0                      | 40.0          |
| VAP          | .0   | .0             | .0      | .0                       | .0                       | .0                           | .0                    | .0                            | .0   | .0                       | .0            | .0              | .0                      | .0            |
| CLM          | 2.0  | .2             | .1      | .0                       | .0                       | .0                           | .0                    | .0                            | 11.2 | 5.5                      | 51.7          | .0              | .0                      | 34.1          |
| TOTALS       | 1201 | 147            | 31      | .0                       | 1                        | 38                           | .0                    | 14                            | 1241 | 1017                     | 6729          | 0               | 0                       | 11360         |
| % TOTAL      | 5.6  | .7             | .1      | .0                       | .0*                      | .2                           | .0                    | .1                            | 5.8  | 4.8                      | 31.6          | .0              | .0                      | 53.3          |

TOTAL NUMBER OF OBSERVATIONS : 21298

NOTES : \* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : ANN

| WIND<br>DIR. | RAIN  | RAIN<br>SHOWERS | DRIZZLE | FREEZE<br>RAIN<br>FREEZE | SLEET<br>" SHOWERS<br>ICE | SNOW<br>" GRAINS<br>" PELLET | HAIL<br>SMALL<br>HAIL | THUNDER<br>TORNADO<br>SQUALLS | FOG   | ICE FOG<br>GROUND<br>FOG | SMOKE<br>HAZE | BLOWING<br>SNOW | BLOWING<br>SAND<br>DUST | NO<br>WEATHER |
|--------------|-------|-----------------|---------|--------------------------|---------------------------|------------------------------|-----------------------|-------------------------------|-------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N            | 17.6  | 1.3             | 1.6     | .0*                      | .1                        | 1.1                          | .0                    | .1                            | 17.7  | 8.7                      | 25.2          | .0              | .0*                     | 42.4          |
| NNE          | 14.4  | 1.4             | 1.5     | .C                       | .0*                       | .8                           | .0                    | .1                            | 14.0  | 6.5                      | 24.7          | .0*             | .0*                     | 47.6          |
| NE           | 11.5  | 1.3             | 1.4     | .C*                      | .0*                       | .4                           | .0                    | .1                            | 9.7   | 4.6                      | 22.5          | .0              | .0*                     | 56.2          |
| ENE          | 8.7   | 1.5             | 1.3     | .C                       | .0                        | .2                           | .0                    | .1                            | 6.8   | 4.4                      | 19.3          | .0              | .0*                     | 61.2          |
| E            | 5.3   | 1.2             | .7      | .C                       | .C                        | .1                           | .C                    | .2                            | 4.1   | 3.8                      | 24.5          | .0              | .0*                     | 60.7          |
| ESE          | 4.9   | 1.9             | .4      | .C                       | .0                        | .0                           | .0                    | .4                            | 3.6   | 3.4                      | 26.0          | .0              | .0*                     | 59.5          |
| SE           | 7.2   | 1.7             | .6      | .C                       | .0                        | .1                           | .0                    | .1                            | 5.1   | 4.0                      | 22.5          | .0              | .0*                     | 59.8          |
| SSE          | 8.3   | 1.6             | .3      | .C                       | .0                        | .0*                          | .C                    | .2                            | 6.2   | 4.5                      | 17.0          | .0              | .0                      | 64.1          |
| S            | 7.9   | 2.6             | .5      | .C                       | .0                        | .0*                          | .C                    | .1                            | 5.0   | 3.8                      | 13.0          | .0              | .0*                     | 69.2          |
| SSW          | 6.9   | 2.6             | .4      | .C                       | .0                        | .0*                          | .C                    | .1                            | 4.2   | 3.7                      | 12.3          | .0              | .0*                     | 70.2          |
| SW           | 6.3   | 2.2             | .2      | .C                       | .C                        | .0*                          | .C                    | .1                            | 3.2   | 3.2                      | 11.3          | .0              | .0*                     | 74.0          |
| WSW          | 4.4   | 1.4             | .2      | .C                       | .0                        | .0*                          | .C                    | .1                            | 2.3   | 2.5                      | 9.5           | .0              | .0                      | 76.2          |
| W            | 3.9   | 1.1             | .3      | .C                       | .0                        | .1                           | .C                    | .3                            | 3.1   | 3.6                      | 8.8           | .0              | .0                      | 75.8          |
| WNW          | 6.1   | 1.1             | .4      | .C                       | .0                        | .1                           | .C                    | .1                            | 8.8   | 8.7                      | 16.6          | .0              | .0                      | 59.8          |
| NW           | 9.3   | 1.3             | .8      | .C*                      | .C                        | .3                           | .C                    | .2                            | 14.5  | 12.0                     | 25.0          | .0              | .0                      | 44.1          |
| NNW          | 15.4  | 1.3             | 1.5     | .C                       | .0*                       | 1.1                          | .C*                   | .1                            | 17.4  | 11.8                     | 24.5          | .0              | .0*                     | 40.5          |
| VAR          | .C    | .0              | .0      | .C                       | .0                        | .0                           | .C                    | .C                            | .C    | .0                       | .0            | .0              | .0                      | .0            |
| CLW          | 7.1   | .9              | .9      | .C                       | .0                        | .0*                          | .C                    | .1                            | 14.2  | 11.8                     | 32.5          | .0              | .0*                     | 41.9          |
| TOTALS       | 26965 | 4024            | 2532    | 10                       | 34                        | 1080                         | 2                     | 305                           | 25463 | 15556                    | 51975         | 1               | 67                      | 139812        |
| % TOTAL      | 10.6  | 1.6             | 1.0     | .C*                      | .C*                       | .4                           | .0*                   | .1                            | 10.2  | 6.2                      | 20.7          | .0*             | .0*                     | 55.8          |

TOTAL NUMBER OF OBSERVATIONS : 250510

NOTES :  
# = PERCENT < .05

# 15 - MEAN AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURE (DEG F)  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

| HOURS<br>(LST) | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| MEAN           | 40.4  | 40.7  | 45.4  | 54.3  | 61.4  | 66.8  | 73.2  | 76.3  | 70.9  | 61.7  | 53.7  | 45.7  | 57.7   |
| SD             | 5.212 | 5.729 | 6.580 | 6.043 | 4.310 | 4.209 | 4.079 | 3.006 | 4.760 | 4.695 | 5.555 | 5.789 | 13.164 |
| TOT OBS        | 1022  | 931   | 1053  | 1018  | 1054  | 1018  | 1053  | 1054  | 1018  | 1054  | 1019  | 1053  | 12347  |
| MEAN           | 39.0  | 39.3  | 43.9  | 53.0  | 60.3  | 66.0  | 72.5  | 75.6  | 70.1  | 60.4  | 52.4  | 44.3  | 56.6   |
| SD             | 5.131 | 5.754 | 6.551 | 6.211 | 4.336 | 4.255 | 3.998 | 2.969 | 4.839 | 4.907 | 5.717 | 5.803 | 13.448 |
| TOT OBS        | 1022  | 931   | 1054  | 1019  | 1054  | 1020  | 1054  | 1054  | 1019  | 1054  | 1020  | 1054  | 12355  |
| MEAN           | 38.4  | 38.5  | 42.8  | 52.4  | 60.4  | 66.2  | 72.9  | 75.7  | 69.6  | 59.6  | 51.5  | 43.4  | 56.1   |
| SD             | 5.239 | 5.921 | 6.445 | 6.380 | 4.462 | 4.284 | 4.243 | 3.195 | 5.011 | 5.057 | 5.744 | 5.763 | 13.826 |
| TOT OBS        | 1023  | 931   | 1054  | 1019  | 1054  | 1018  | 1053  | 1054  | 1019  | 1054  | 1020  | 1054  | 12353  |
| MEAN           | 41.7  | 42.0  | 46.9  | 56.9  | 64.5  | 69.8  | 76.6  | 80.2  | 73.2  | 63.0  | 54.8  | 46.7  | 59.9   |
| SD             | 4.762 | 5.378 | 6.315 | 6.695 | 5.111 | 5.200 | 5.651 | 4.486 | 5.938 | 5.204 | 5.738 | 5.231 | 14.117 |
| TOT OBS        | 1023  | 931   | 1054  | 1020  | 1054  | 1019  | 1053  | 1054  | 1019  | 1054  | 1020  | 1054  | 12355  |
| MEAN           | 46.2  | 46.6  | 51.2  | 60.5  | 68.2  | 72.7  | 79.6  | 83.3  | 76.0  | 66.2  | 58.5  | 51.2  | 63.6   |
| SD             | 5.353 | 6.068 | 6.886 | 7.114 | 5.725 | 5.768 | 6.147 | 5.035 | 6.482 | 5.675 | 6.128 | 5.592 | 13.772 |
| TOT OBS        | 1022  | 931   | 1054  | 1020  | 1054  | 1020  | 1054  | 1053  | 1019  | 1054  | 1020  | 1054  | 12355  |
| MEAN           | 47.3  | 47.7  | 52.3  | 61.2  | 68.5  | 73.1  | 80.0  | 83.5  | 76.4  | 66.9  | 58.9  | 51.8  | 64.2   |
| SD             | 5.441 | 6.405 | 6.917 | 6.809 | 5.547 | 5.458 | 5.868 | 4.791 | 6.279 | 5.671 | 6.027 | 5.497 | 13.478 |
| TOT OBS        | 1022  | 931   | 1054  | 1020  | 1054  | 1020  | 1054  | 1054  | 1019  | 1054  | 1020  | 1054  | 12356  |
| MEAN           | 44.2  | 44.5  | 49.3  | 58.0  | 65.3  | 70.3  | 76.7  | 79.5  | 73.3  | 64.1  | 56.4  | 49.2  | 61.1   |
| SD             | 5.035 | 5.642 | 6.366 | 6.952 | 4.624 | 4.468 | 4.577 | 3.471 | 5.057 | 4.682 | 5.547 | 5.231 | 12.959 |
| TOT OBS        | 1023  | 931   | 1054  | 1020  | 1054  | 1018  | 1054  | 1054  | 1019  | 1054  | 1020  | 1053  | 12354  |
| MEAN           | 42.3  | 42.6  | 47.2  | 55.9  | 62.8  | 68.0  | 74.4  | 77.2  | 71.7  | 62.7  | 55.0  | 47.3  | 59.1   |
| SD             | 5.170 | 5.709 | 6.358 | 6.813 | 4.248 | 4.133 | 4.039 | 3.060 | 4.858 | 4.493 | 5.548 | 5.419 | 12.818 |
| TOT OBS        | 1023  | 931   | 1054  | 1020  | 1054  | 1018  | 1054  | 1054  | 1019  | 1054  | 1020  | 1053  | 12354  |
| MEAN           | 42.4  | 42.8  | 47.4  | 56.5  | 64.0  | 69.1  | 75.6  | 78.9  | 72.6  | 63.1  | 55.1  | 47.5  | 59.8   |
| SD             | 5.996 | 6.606 | 7.282 | 7.081 | 5.751 | 5.438 | 5.654 | 4.895 | 5.945 | 5.601 | 6.272 | 6.245 | 13.746 |
| TOT OBS        | 8190  | 7448  | 8431  | 8156  | 8430  | 8151  | 8429  | 8431  | 8151  | 8432  | 8159  | 8429  | 98829  |

## 16 - MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURE (DEG F)  
(FROM HOURLY OBSERVATIONS)U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

| HOURS<br>(LST) | JAN                   | FEB                   | MAR                   | APR                   | MAY                   | JUN                   | JUL                   | AUG                   | SEP                   | OCT                   | NOV                   | DEC                   | ANNUAL                  |
|----------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|
| 00             | 36.3<br>5.247<br>1022 | 37.0<br>6.048<br>931  | 41.8<br>6.797<br>1052 | 51.1<br>6.609<br>1018 | 58.4<br>4.612<br>1053 | 64.8<br>4.240<br>1018 | 71.3<br>3.905<br>1053 | 74.0<br>2.946<br>1054 | 68.4<br>4.973<br>1018 | 58.5<br>5.264<br>1054 | 49.9<br>6.110<br>1019 | 41.6<br>5.891<br>1053 | 54.6<br>13.919<br>12345 |
| 03             | 35.1<br>5.181<br>1022 | 35.7<br>6.015<br>931  | 40.5<br>6.849<br>1054 | 50.1<br>6.780<br>1019 | 57.7<br>4.771<br>1054 | 64.3<br>4.353<br>1020 | 70.9<br>3.945<br>1054 | 73.6<br>3.020<br>1054 | 67.8<br>5.156<br>1019 | 57.5<br>5.403<br>1054 | 48.8<br>6.127<br>1020 | 40.4<br>5.797<br>1054 | 53.7<br>14.219<br>12355 |
| 06             | 34.6<br>5.171<br>1023 | 35.1<br>6.162<br>931  | 39.6<br>6.857<br>1054 | 49.5<br>6.940<br>1019 | 57.7<br>4.959<br>1054 | 64.4<br>4.371<br>1018 | 71.2<br>4.035<br>1053 | 73.6<br>3.070<br>1054 | 67.4<br>5.285<br>1019 | 56.8<br>5.494<br>1054 | 48.1<br>6.124<br>1020 | 39.8<br>5.721<br>1054 | 53.3<br>14.515<br>12353 |
| 09             | 36.7<br>4.747<br>1023 | 37.3<br>5.565<br>931  | 42.1<br>6.304<br>1054 | 52.0<br>6.668<br>1020 | 59.9<br>4.792<br>1054 | 66.1<br>4.482<br>1019 | 72.9<br>4.416<br>1053 | 75.4<br>3.375<br>1055 | 69.0<br>5.265<br>1019 | 58.7<br>5.327<br>1054 | 50.0<br>5.987<br>1020 | 41.9<br>5.268<br>1054 | 55.3<br>14.250<br>12356 |
| 12             | 39.7<br>4.930<br>1022 | 40.3<br>5.440<br>930  | 44.8<br>6.174<br>1054 | 54.0<br>6.370<br>1020 | 61.4<br>4.744<br>1054 | 67.4<br>4.421<br>1020 | 74.1<br>4.346<br>1054 | 76.4<br>3.289<br>1053 | 70.3<br>5.172<br>1019 | 60.5<br>5.200<br>1054 | 52.1<br>5.870<br>1020 | 44.6<br>5.277<br>1054 | 57.3<br>13.558<br>12354 |
| 15             | 40.4<br>4.930<br>1022 | 41.0<br>5.515<br>931  | 45.7<br>6.128<br>1054 | 54.6<br>6.069<br>1020 | 61.6<br>4.497<br>1054 | 67.6<br>4.172<br>1020 | 74.1<br>4.079<br>1054 | 76.4<br>3.070<br>1054 | 70.4<br>5.045<br>1019 | 60.9<br>5.062<br>1054 | 52.5<br>5.844<br>1020 | 45.1<br>5.203<br>1054 | 57.7<br>13.282<br>12356 |
| 18             | 38.9<br>5.036<br>1023 | 39.5<br>5.495<br>931  | 44.4<br>6.247<br>1054 | 53.3<br>6.010<br>1020 | 60.4<br>4.351<br>1054 | 66.4<br>3.993<br>1018 | 72.9<br>3.742<br>1054 | 75.1<br>2.945<br>1054 | 69.3<br>4.906<br>1019 | 59.7<br>4.949<br>1054 | 51.5<br>5.800<br>1020 | 43.6<br>5.335<br>1053 | 56.4<br>13.326<br>12354 |
| 21             | 37.5<br>5.212<br>1023 | 38.3<br>5.919<br>931  | 43.2<br>6.477<br>1054 | 52.2<br>6.220<br>1020 | 59.3<br>4.474<br>1054 | 65.5<br>4.133<br>1018 | 72.0<br>3.766<br>1054 | 74.3<br>2.972<br>1054 | 68.6<br>4.970<br>1019 | 59.1<br>5.046<br>1054 | 50.7<br>6.052<br>1020 | 42.6<br>5.581<br>1053 | 55.4<br>13.542<br>12354 |
| ALL            | 37.4<br>5.425<br>8180 | 38.0<br>6.114<br>7447 | 42.8<br>6.787<br>8430 | 52.1<br>6.683<br>8156 | 59.6<br>4.875<br>8431 | 65.8<br>4.434<br>8151 | 72.4<br>4.207<br>8429 | 74.8<br>3.267<br>8432 | 68.9<br>5.195<br>8151 | 59.0<br>5.379<br>8432 | 50.5<br>6.162<br>8159 | 42.5<br>5.800<br>8429 | 55.5<br>13.912<br>98827 |

## 17 - MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURE (DEG F)  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

| HOURS<br>(LST) | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| MEAN           | 29.7  | 31.0  | 36.9  | 47.9  | 56.3  | 63.6  | 70.4  | 72.9  | 67.0  | 56.1  | 46.2  | 36.1  | 51.4   |
| S.D.           | 7.765 | 9.068 | 9.370 | 8.647 | 5.846 | 4.767 | 4.104 | 3.321 | 5.654 | 6.727 | 8.161 | 8.096 | 16.373 |
| TOT OBS        | 1022  | 931   | 1053  | 1018  | 1053  | 1018  | 1053  | 1054  | 1018  | 1054  | 1019  | 1053  | 12346  |
| MEAN           | 28.7  | 29.8  | 35.9  | 47.1  | 55.7  | 63.3  | 70.2  | 72.7  | 66.5  | 55.2  | 45.1  | 35.2  | 50.7   |
| S.D.           | 7.546 | 8.762 | 9.221 | 8.815 | 6.047 | 4.817 | 4.189 | 3.432 | 5.845 | 6.754 | 8.048 | 7.813 | 16.606 |
| TOT OBS        | 1022  | 931   | 1054  | 1019  | 1054  | 1020  | 1054  | 1054  | 1019  | 1054  | 1020  | 1054  | 12355  |
| MEAN           | 28.4  | 29.2  | 35.0  | 46.5  | 55.5  | 63.3  | 70.4  | 72.8  | 66.2  | 54.7  | 44.5  | 34.7  | 50.3   |
| S.D.           | 7.410 | 8.798 | 9.343 | 8.967 | 6.420 | 4.929 | 4.227 | 3.397 | 5.910 | 6.794 | 7.960 | 7.632 | 16.838 |
| TOT OBS        | 1023  | 931   | 1054  | 1019  | 1054  | 1018  | 1053  | 1054  | 1018  | 1054  | 1020  | 1054  | 12352  |
| MEAN           | 28.9  | 29.7  | 35.6  | 47.3  | 56.4  | 64.1  | 71.2  | 73.4  | 66.9  | 55.4  | 45.2  | 35.5  | 51.0   |
| S.D.           | 7.657 | 8.914 | 9.308 | 8.901 | 6.377 | 4.994 | 4.398 | 3.601 | 5.851 | 6.865 | 8.085 | 7.740 | 16.920 |
| TOT OBS        | 1023  | 931   | 1054  | 1020  | 1054  | 1019  | 1053  | 1055  | 1019  | 1054  | 1020  | 1054  | 12356  |
| MEAN           | 30.1  | 31.2  | 37.1  | 48.2  | 56.8  | 64.5  | 71.7  | 73.6  | 67.5  | 56.5  | 46.2  | 36.6  | 51.9   |
| S.D.           | 8.315 | 9.012 | 9.255 | 8.783 | 6.577 | 5.101 | 4.352 | 3.638 | 5.748 | 6.872 | 8.092 | 8.073 | 16.617 |
| TOT OBS        | 1022  | 931   | 1053  | 1019  | 1054  | 1020  | 1054  | 1053  | 1019  | 1054  | 1020  | 1054  | 12353  |
| MEAN           | 30.4  | 31.8  | 37.9  | 48.9  | 56.8  | 64.6  | 71.7  | 73.6  | 67.4  | 56.7  | 46.6  | 37.0  | 52.1   |
| S.D.           | 8.324 | 8.850 | 9.264 | 8.495 | 6.374 | 4.910 | 4.101 | 3.467 | 5.781 | 6.765 | 8.187 | 7.991 | 16.387 |
| TOT OBS        | 1022  | 931   | 1054  | 1020  | 1054  | 1020  | 1054  | 1054  | 1019  | 1054  | 1020  | 1054  | 12356  |
| MEAN           | 31.0  | 32.3  | 38.5  | 49.2  | 57.0  | 64.3  | 71.2  | 73.3  | 67.2  | 56.5  | 46.8  | 37.2  | 52.2   |
| S.D.           | 8.036 | 8.551 | 8.933 | 8.110 | 5.785 | 4.694 | 3.907 | 3.306 | 5.671 | 6.541 | 7.935 | 7.953 | 15.980 |
| TOT OBS        | 1023  | 931   | 1054  | 1020  | 1054  | 1018  | 1054  | 1054  | 1019  | 1054  | 1020  | 1053  | 12354  |
| MEAN           | 30.2  | 31.8  | 38.0  | 48.8  | 56.7  | 64.0  | 70.8  | 73.1  | 66.9  | 56.4  | 46.6  | 36.6  | 51.9   |
| S.D.           | 7.925 | 9.022 | 9.036 | 8.194 | 5.733 | 4.708 | 4.006 | 3.360 | 5.706 | 6.541 | 8.183 | 8.115 | 16.142 |
| TOT OBS        | 1023  | 931   | 1054  | 1019  | 1054  | 1018  | 1054  | 1054  | 1019  | 1054  | 1020  | 1053  | 12353  |
| MEAN           | 29.7  | 30.9  | 36.9  | 48.0  | 56.4  | 64.0  | 71.0  | 73.2  | 66.9  | 56.0  | 45.9  | 36.1  | 51.4   |
| S.D.           | 7.920 | 8.933 | 9.289 | 8.661 | 6.171 | 4.888 | 4.196 | 3.455 | 5.784 | 6.768 | 8.116 | 7.968 | 16.499 |
| TOT OBS        | 8180  | 7448  | 8470  | 8154  | 8421  | 8151  | 8429  | 8432  | 8150  | 8432  | 8159  | 8429  | 98825  |

## 18 - MEANS AND STANDARD DEVIATIONS

SEA-LEVEL PRESSURE (MP)  
(FROM HOURLY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

| HOURS<br>(LST) | JAN    | FEB    | MAR    | APR    | MAY    | JUN    | JUL    | AUG    | SEP    | OCT    | NOV    | DEC    | ANNUAL |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN           | 1014.6 | 1015.1 | 1015.3 | 1015.8 | 1012.3 | 1009.4 | 1009.0 | 1009.7 | 1012.5 | 1016.5 | 1018.2 | 1016.7 | 1013.7 |
| S.D.           | 7.154  | 6.903  | 7.462  | 6.955  | 6.527  | 5.134  | 4.143  | 4.797  | 5.618  | 6.412  | 6.675  | 6.980  | 6.976  |
| TOT OBS        | 1022   | 931    | 1053   | 1015   | 1054   | 1018   | 1052   | 1054   | 1018   | 1054   | 1019   | 1053   | 12346  |
| MEAN           | 1014.6 | 1014.8 | 1014.9 | 1015.2 | 1011.5 | 1008.9 | 1008.5 | 1009.3 | 1012.1 | 1016.1 | 1018.0 | 1016.6 | 1013.4 |
| S.D.           | 7.173  | 6.940  | 7.410  | 7.027  | 6.502  | 5.146  | 4.232  | 4.881  | 5.350  | 6.460  | 6.651  | 6.935  | 7.004  |
| TOT OBS        | 1022   | 931    | 1054   | 1019   | 1054   | 1019   | 1054   | 1054   | 1019   | 1054   | 1020   | 1054   | 12354  |
| MEAN           | 1014.9 | 1015.3 | 1015.6 | 1015.9 | 1012.5 | 1009.6 | 1009.0 | 1009.8 | 1012.7 | 1016.6 | 1018.4 | 1017.0 | 1013.9 |
| S.D.           | 7.218  | 7.048  | 7.510  | 7.115  | 6.587  | 5.177  | 4.344  | 4.905  | 5.332  | 6.559  | 6.635  | 6.897  | 7.036  |
| TOT OBS        | 1023   | 931    | 1054   | 1019   | 1054   | 1017   | 1053   | 1054   | 1019   | 1054   | 1020   | 1054   | 12352  |
| MEAN           | 1016.0 | 1016.3 | 1016.5 | 1016.6 | 1013.0 | 1010.0 | 1009.5 | 1010.4 | 1013.4 | 1017.6 | 1019.3 | 1018.1 | 1014.7 |
| S.D.           | 7.294  | 7.205  | 7.658  | 7.232  | 6.702  | 5.220  | 4.363  | 4.848  | 5.435  | 6.630  | 6.777  | 6.951  | 7.202  |
| TOT OBS        | 1023   | 931    | 1054   | 1020   | 1054   | 1019   | 1053   | 1054   | 1019   | 1054   | 1020   | 1054   | 12355  |
| MEAN           | 1014.3 | 1014.9 | 1015.2 | 1015.8 | 1012.2 | 1009.5 | 1009.0 | 1009.7 | 1012.6 | 1016.4 | 1017.8 | 1016.3 | 1013.6 |
| S.D.           | 7.341  | 7.281  | 7.779  | 7.235  | 6.742  | 5.177  | 4.299  | 4.860  | 5.369  | 6.581  | 6.843  | 7.069  | 7.071  |
| TOT OBS        | 1021   | 931    | 1054   | 1020   | 1054   | 1019   | 1054   | 1054   | 1019   | 1054   | 1020   | 1054   | 12354  |
| MEAN           | 1013.3 | 1013.5 | 1013.7 | 1014.1 | 1011.0 | 1008.6 | 1008.2 | 1008.7 | 1011.6 | 1015.5 | 1016.9 | 1015.5 | 1012.5 |
| S.D.           | 7.289  | 7.215  | 7.704  | 7.212  | 6.662  | 5.136  | 4.232  | 4.843  | 5.329  | 6.544  | 6.865  | 7.000  | 7.009  |
| TOT OBS        | 1022   | 931    | 1054   | 1020   | 1054   | 1020   | 1054   | 1054   | 1019   | 1054   | 1020   | 1054   | 12356  |
| MEAN           | 1014.2 | 1014.3 | 1014.2 | 1014.4 | 1011.0 | 1008.5 | 1008.1 | 1008.8 | 1011.9 | 1016.1 | 1017.7 | 1016.4 | 1013.0 |
| S.D.           | 7.184  | 7.025  | 7.527  | 7.121  | 6.595  | 5.075  | 4.182  | 4.776  | 5.391  | 6.472  | 6.838  | 6.915  | 7.071  |
| TOT OBS        | 1023   | 931    | 1054   | 1020   | 1054   | 1016   | 1054   | 1054   | 1019   | 1054   | 1020   | 1053   | 12352  |
| MEAN           | 1014.8 | 1015.3 | 1015.4 | 1015.8 | 1012.2 | 1009.6 | 1009.2 | 1010.0 | 1012.9 | 1016.9 | 1018.4 | 1016.9 | 1013.9 |
| S.D.           | 7.146  | 6.904  | 7.430  | 6.957  | 6.586  | 5.105  | 4.182  | 4.787  | 5.472  | 6.449  | 6.832  | 6.891  | 6.979  |
| TOT OBS        | 1023   | 931    | 1054   | 1020   | 1054   | 1017   | 1054   | 1054   | 1019   | 1054   | 1020   | 1053   | 12353  |
| MEAN           | 1014.6 | 1015.0 | 1015.1 | 1015.4 | 1012.0 | 1009.3 | 1008.8 | 1009.5 | 1012.5 | 1016.5 | 1018.1 | 1016.7 | 1013.6 |
| S.D.           | 7.258  | 7.102  | 7.602  | 7.145  | 6.642  | 5.167  | 4.271  | 4.866  | 5.436  | 6.538  | 6.793  | 6.986  | 7.071  |
| TOT OBS        | 8179   | 7448   | 8431   | 8150   | 8432   | 5145   | 8428   | 8432   | 8151   | 8432   | 8159   | 8429   | 98822  |



STATION PRESSURE (INCHES OF HG)  
(FROM HOURLY OBSERVATIONS)

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

| HOURS<br>(LST) | JAN    | FEB    | MAR    | APR    | MAY    | JUN    | JUL    | AUG    | SEP    | OCT    | NOV    | DEC    | ANNUAL |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN           | 29.776 | 29.796 | 29.794 | 29.816 | 29.717 | 29.635 | 29.629 | 29.647 | 29.726 | 29.839 | 29.889 | 29.841 | 29.757 |
| S.D.           | .209   | .197   | .214   | .201   | .185   | .151   | .121   | .141   | .164   | .185   | .191   | .200   | .200   |
| TOT OBS        | 958    | 902    | 993    | 988    | 1022   | 989    | 1021   | 1023   | 986    | 993    | 960    | 992    | 11829  |
| MEAN           | 29.775 | 29.788 | 29.784 | 29.800 | 29.704 | 29.621 | 29.614 | 29.633 | 29.716 | 29.828 | 29.880 | 29.838 | 29.747 |
| S.D.           | .210   | .198   | .213   | .203   | .189   | .152   | .122   | .144   | .156   | .187   | .190   | .198   | .201   |
| TOT OBS        | 957    | 903    | 993    | 989    | 1023   | 989    | 1023   | 1023   | 989    | 993    | 960    | 992    | 11834  |
| MEAN           | 29.783 | 29.789 | 29.801 | 29.818 | 29.722 | 29.639 | 29.626 | 29.647 | 29.730 | 29.842 | 29.891 | 29.847 | 29.761 |
| S.D.           | .211   | .201   | .215   | .206   | .191   | .152   | .125   | .144   | .156   | .189   | .190   | .197   | .202   |
| TOT OBS        | 959    | 903    | 993    | 989    | 1023   | 988    | 1022   | 1022   | 989    | 993    | 960    | 991    | 11832  |
| MEAN           | 29.814 | 29.828 | 29.826 | 29.836 | 29.735 | 29.652 | 29.643 | 29.664 | 29.752 | 29.870 | 29.919 | 29.879 | 29.783 |
| S.D.           | .212   | .206   | .220   | .209   | .195   | .153   | .127   | .142   | .157   | .192   | .194   | .199   | .207   |
| TOT OBS        | 959    | 903    | 992    | 990    | 1023   | 989    | 1022   | 1023   | 989    | 992    | 960    | 992    | 11834  |
| MEAN           | 29.765 | 29.789 | 29.791 | 29.810 | 29.712 | 29.638 | 29.628 | 29.644 | 29.729 | 29.837 | 29.875 | 29.829 | 29.752 |
| S.D.           | .214   | .209   | .224   | .210   | .196   | .152   | .125   | .143   | .156   | .190   | .196   | .203   | .203   |
| TOT OBS        | 959    | 903    | 992    | 990    | 1023   | 990    | 1023   | 1023   | 989    | 992    | 960    | 992    | 11836  |
| MEAN           | 29.737 | 29.748 | 29.745 | 29.768 | 29.677 | 29.612 | 29.604 | 29.615 | 29.696 | 29.809 | 29.849 | 29.805 | 29.721 |
| S.D.           | .213   | .207   | .222   | .209   | .194   | .151   | .123   | .142   | .155   | .189   | .197   | .202   | .202   |
| TOT OBS        | 960    | 903    | 991    | 990    | 1023   | 990    | 1023   | 1023   | 989    | 992    | 960    | 992    | 11836  |
| MEAN           | 29.763 | 29.772 | 29.761 | 29.776 | 29.678 | 29.610 | 29.601 | 29.618 | 29.708 | 29.827 | 29.874 | 29.831 | 29.733 |
| S.D.           | .211   | .200   | .217   | .200   | .193   | .149   | .122   | .141   | .157   | .187   | .196   | .198   | .203   |
| TOT OBS        | 960    | 903    | 992    | 990    | 1023   | 987    | 1023   | 1023   | 989    | 992    | 960    | 991    | 11833  |
| MEAN           | 29.793 | 29.800 | 29.795 | 29.817 | 29.716 | 29.640 | 29.633 | 29.653 | 29.739 | 29.853 | 29.892 | 29.848 | 29.763 |
| S.D.           | .209   | .196   | .214   | .201   | .190   | .150   | .122   | .141   | .157   | .183   | .195   | .197   | .200   |
| TOT OBS        | 961    | 903    | 992    | 990    | 1023   | 988    | 1023   | 1023   | 989    | 991    | 960    | 991    | 11834  |
| MEAN           | 29.774 | 29.790 | 29.787 | 29.806 | 29.708 | 29.631 | 29.623 | 29.640 | 29.725 | 29.838 | 29.883 | 29.840 | 29.752 |
| S.D.           | .212   | .203   | .219   | .207   | .193   | .152   | .124   | .143   | .158   | .188   | .194   | .200   | .203   |
| TOT OBS        | 7673   | 7223   | 7938   | 7916   | 8183   | 7910   | 8180   | 8193   | 7911   | 7938   | 7680   | 7933   | 94668  |

20 - FLYING WEATHER - PERCENT OF HOURS

43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

PERCENT OF HOURS WITH  
CEILING LESS THAN 5000 FEET & VISIBILITY LESS THAN 5.00 MILES

| HOUR<br>(LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | # YRS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|
| 00            | 36  | 40  | 44  | 43  | 38  | 54  | 49  | 38  | 50  | 46  | 47  | 41  | 44     | 35    |
| 03            | 35  | 42  | 48  | 48  | 45  | 58  | 54  | 46  | 55  | 51  | 47  | 41  | 47     | 35    |
| 06            | 34  | 44  | 52  | 56  | 55  | 71  | 63  | 55  | 63  | 61  | 53  | 39  | 54     | 35    |
| 09            | 40  | 49  | 53  | 55  | 53  | 67  | 63  | 54  | 63  | 61  | 60  | 50  | 56     | 35    |
| 12            | 34  | 42  | 45  | 43  | 40  | 53  | 49  | 41  | 49  | 50  | 48  | 45  | 45     | 35    |
| 15            | 26  | 33  | 38  | 37  | 30  | 43  | 39  | 29  | 41  | 39  | 40  | 34  | 36     | 35    |
| 18            | 27  | 40  | 43  | 37  | 31  | 43  | 40  | 32  | 45  | 41  | 40  | 34  | 38     | 35    |
| 21            | 30  | 37  | 42  | 41  | 34  | 49  | 44  | 35  | 46  | 41  | 42  | 36  | 40     | 35    |
| ALL           | 33  | 41  | 46  | 45  | 41  | 55  | 50  | 41  | 52  | 49  | 47  | 40  | 45     | 35    |

PERCENT OF HOURS WITH  
CEILING LESS THAN 3000 FEET & VISIBILITY LESS THAN 3.00 MILES

| HOUR<br>(LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | # YRS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|
| 00            | 13  | 16  | 18  | 20  | 21  | 32  | 29  | 22  | 29  | 25  | 19  | 15  | 22     | 35    |
| 03            | 12  | 16  | 21  | 24  | 25  | 35  | 34  | 28  | 31  | 28  | 19  | 13  | 24     | 35    |
| 06            | 12  | 17  | 24  | 30  | 33  | 46  | 44  | 38  | 40  | 35  | 22  | 12  | 29     | 35    |
| 09            | 16  | 23  | 28  | 29  | 33  | 44  | 43  | 37  | 42  | 35  | 28  | 22  | 32     | 35    |
| 12            | 13  | 22  | 23  | 23  | 23  | 34  | 26  | 23  | 29  | 26  | 22  | 20  | 24     | 35    |
| 15            | 11  | 17  | 19  | 19  | 17  | 25  | 19  | 18  | 24  | 21  | 19  | 13  | 19     | 35    |
| 18            | 11  | 18  | 19  | 19  | 18  | 23  | 19  | 17  | 26  | 21  | 17  | 12  | 18     | 35    |
| 21            | 11  | 16  | 18  | 20  | 19  | 28  | 24  | 20  | 27  | 22  | 18  | 13  | 20     | 35    |
| ALL           | 12  | 18  | 21  | 23  | 24  | 33  | 30  | 25  | 31  | 27  | 21  | 15  | 23     | 35    |

PERCENT OF HOURS WITH  
CEILING LESS THAN 1000 FEET & VISIBILITY LESS THAN 3.00 MILES

| HOUR<br>(LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | # YRS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|
| 00            | 8   | 10  | 9   | 10  | 9   | 15  | 15  | 7   | 12  | 13  | 12  | 11  | 11     | 35    |
| 03            | 7   | 10  | 10  | 13  | 13  | 17  | 18  | 11  | 13  | 15  | 12  | 10  | 12     | 35    |
| 06            | 7   | 10  | 14  | 19  | 20  | 30  | 30  | 20  | 21  | 22  | 15  | 8   | 18     | 35    |
| 09            | 11  | 16  | 20  | 27  | 24  | 29  | 27  | 20  | 24  | 26  | 23  | 20  | 22     | 35    |
| 12            | 10  | 16  | 18  | 15  | 12  | 16  | 14  | 12  | 18  | 19  | 17  | 17  | 16     | 35    |
| 15            | 7   | 12  | 11  | 11  | 9   | 14  | 10  | 7   | 11  | 13  | 13  | 9   | 11     | 35    |
| 18            | 6   | 12  | 11  | 12  | 11  | 14  | 9   | 6   | 12  | 11  | 10  | 8   | 10     | 35    |
| 21            | 7   | 9   | 8   | 9   | 9   | 14  | 9   | 6   | 10  | 10  | 10  | 9   | 9      | 35    |
| ALL           | 9   | 12  | 13  | 14  | 14  | 19  | 16  | 11  | 15  | 16  | 14  | 12  | 14     | 35    |

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

CEILING LESS THAN 200 FEET & VISIBILITY LESS THAN 1/2 MILES

PERCENT OF HOURS WITH

| HOUR<br>(LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | # YRS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|
| 00            | 0*  | 1   | 0*  | 1   | 0*  | 1   | 1   | 0   | 0*  | 0*  | 0*  | 0*  | 0*     | 35    |
| 03            | 0*  | 1   | 0*  | 2   | 0*  | 1   | 1   | 0*  | 0*  | 0*  | 0*  | 0   | 1      | 35    |
| 06            | 0   | 1   | 1   | 2   | 2   | 2   | 3   | 1   | 1   | 1   | 0*  | 0*  | 1      | 35    |
| 09            | 0*  | 1   | 1   | 1   | 1   | 1   | 1   | 0   | 0   | 1   | 0*  | 1   | 1      | 35    |
| 12            | 1   | 1   | 1   | 2   | 1   | 1   | 0*  | 0*  | 0*  | 1   | 0*  | 0*  | 1      | 35    |
| 15            | 1   | 1   | 0*  | 1   | 1   | 0*  | 0*  | 0   | 0*  | 1   | 1   | 0*  | 0*     | 35    |
| 18            | 1   | 1   | 0*  | 2   | 1   | 1   | 0*  | 0   | 0*  | 0*  | 0*  | 0*  | 1      | 35    |
| 21            | 0*  | 1   | 0*  | 1   | 0*  | 1   | 0*  | 0*  | 0*  | 0*  | 0*  | 0*  | 0*     | 35    |
| ALL           | 0*  | 1   | 1   | 1   | 1   | 1   | 1   | 0*  | 0*  | 1   | 0*  | 0*  | 1      | 35    |

CEILING LESS THAN 100 FEET & VISIBILITY LESS THAN 1/4 MILES

PERCENT OF HOURS WITH

| HOUR<br>(LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | # YRS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|
| 00            | 0*  | 0*  | 0*  | 1   | 0*  | 0*  | 0*  | 0   | 0   | 0*  | 0*  | 0*  | 0*     | 35    |
| 03            | 0   | 0*  | 0*  | 1   | 0   | 1   | 1   | 0   | 0*  | 0*  | 0*  | 0   | 0*     | 35    |
| 06            | 0   | 0*  | 0*  | 1   | 1   | 1   | 2   | 1   | 0*  | 1   | 0*  | 0   | 1      | 35    |
| 09            | 0   | 0*  | 1   | 1   | 0*  | 0*  | 0*  | 0   | 0   | 0*  | 0*  | 0*  | 0*     | 35    |
| 12            | 0*  | 1   | 0*  | 1   | 0*  | 0*  | 0*  | 0   | 0   | 0   | 0   | 0   | 0*     | 35    |
| 15            | 0*  | 0*  | 0*  | 1   | 0*  | 0*  | 0*  | 0   | 0*  | 0*  | 0   | 0*  | 0*     | 35    |
| 18            | 0*  | 0*  | 0*  | 1   | 1   | 0*  | 0*  | 0   | 0*  | 0   | 0   | 0   | 0*     | 35    |
| 21            | 0*  | 0*  | 0   | 0*  | 0*  | 0*  | 0   | 0*  | 0   | 0   | 0*  | 0*  | 0*     | 35    |
| ALL           | 0*  | 0*  | 0*  | 1   | 0*  | 0*  | 0*  | 0*  | 0*  | 0*  | 0*  | 0*  | 0*     | 35    |

NOTE : \* = VALUE > 0 AND < 0.5 PERCENT

# 5 - DAILY TEMPERATURES

ELEMENT TYPE : MAXIMUM TEMPERATURE

43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

| TEMP<br>(DEG F) | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| >= 100          | .0    | .0    | .0    | .0    | .0    | .0    | .1    | .0    | .0    | .0    | .0    | .0    | .0*    |
| >= 95           | .0    | .0    | .0    | .0    | .0    | .0    | .7    | 2.5   | .2    | .0    | .0    | .0    | .3     |
| >= 90           | .0    | .0    | .0    | .0    | .1    | .1    | 7.8   | 18.6  | 2.3   | .0    | .0    | .0    | 2.5    |
| >= 85           | .0    | .0    | .0    | .0    | .4    | 2.2   | 37.5  | 62.3  | 16.9  | .2    | .0    | .0    | 10.2   |
| >= 80           | .0    | .0    | .0    | .1    | 3.0   | 20.0  | 68.0  | 86.3  | 43.6  | 2.7   | .0    | .0    | 18.9   |
| >= 75           | .0    | .1    | .0    | 3.0   | 25.8  | 58.5  | 87.8  | 96.2  | 71.4  | 15.7  | 1.5   | .0    | 30.3   |
| >= 70           | .1    | .4    | .5    | 19.2  | 64.6  | 84.6  | 97.1  | 99.4  | 90.5  | 42.9  | 8.6   | .5    | 42.7   |
| >= 65           | 1.0   | 2.1   | 7.8   | 45.3  | 87.2  | 96.6  | 99.6  | 100.0 | 98.6  | 74.7  | 26.6  | 4.0   | 54.1   |
| >= 60           | 4.9   | 7.4   | 22.7  | 74.8  | 97.3  | 99.4  | 100.0 | 100.0 | 99.9  | 95.6  | 56.2  | 15.9  | 65.0   |
| >= 55           | 14.9  | 16.5  | 46.5  | 89.9  | 99.8  | 100.0 | 100.0 | 100.0 | 100.0 | 99.9  | 87.0  | 42.1  | 75.4   |
| >= 50           | 42.0  | 45.4  | 75.7  | 97.8  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.1  | 76.5  | 86.7   |
| >= 45           | 81.9  | 80.8  | 93.5  | 99.5  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.8  | 96.3   |
| >= 40           | 98.2  | 96.7  | 99.3  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8  | 99.5   |
| >= 35           | 99.9  | 99.8  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  |
| >= 30           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  |
| MEAN            | 49.0  | 49.5  | 54.3  | 63.5  | 70.9  | 75.0  | 81.8  | 85.2  | 79.2  | 68.5  | 60.9  | 53.8  | 66.0   |
| S.D.            | 5.415 | 6.151 | 6.707 | 6.561 | 5.298 | 5.373 | 5.971 | 5.069 | 6.266 | 5.531 | 5.914 | 5.624 | 13.410 |
| TOT. OBS.       | 1034  | 952   | 1085  | 1050  | 1055  | 1020  | 1085  | 1095  | 1050  | 1085  | 1050  | 1085  | 12686  |

NOTES : PERCENT < .05

## 6 - DAILY TEMPERATURES

## ELEMENT TYPE : MINIMUM TEMPERATURE

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

| TEMP<br>(DEG F) | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| >= 80           | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .8    | .1    | .0    | .0    | .0    | .1     |
| >= 75           | .0    | .0    | .0    | .0    | .0    | 1.0   | 25.0  | 53.0  | 11.0  | .0    | .0    | .0    | 7.7    |
| >= 70           | .0    | .0    | .0    | .0    | .1    | 10.6  | 69.6  | 91.5  | 40.2  | .8    | .0    | .0    | 18.0   |
| >= 65           | .0    | .0    | .0    | .4    | 5.8   | 48.3  | 92.7  | 99.0  | 75.4  | 7.1   | .2    | .0    | 27.7   |
| >= 60           | .0    | .1    | .5    | 4.3   | 39.4  | 88.8  | 99.4  | 100.0 | 96.3  | 36.4  | 1.9   | .0    | 39.2   |
| >= 55           | .1    | .2    | 1.7   | 24.5  | 80.5  | 98.9  | 100.0 | 100.0 | 99.9  | 78.2  | 18.4  | .5    | 50.6   |
| >= 50           | .3    | 1.2   | 6.5   | 56.7  | 98.1  | 100.0 | 100.0 | 100.0 | 100.0 | 97.8  | 51.3  | 5.0   | 60.2   |
| >= 45           | 2.9   | 5.9   | 24.9  | 83.4  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 83.2  | 22.0  | 69.0   |
| >= 40           | 18.5  | 21.8  | 56.4  | 97.1  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.4  | 63.7  | 80.1   |
| >= 35           | 63.6  | 64.2  | 89.1  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 93.0  | 92.7   |
| >= 30           | 97.2  | 96.3  | 99.7  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5   |
| >= 25           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  |
| MEAN            | 36.2  | 36.5  | 40.9  | 50.3  | 58.2  | 64.5  | 71.2  | 74.0  | 69.1  | 58.1  | 49.6  | 41.2  | 54.2   |
| S.D.            | 4.005 | 4.582 | 5.374 | 5.750 | 4.205 | 4.169 | 4.050 | 3.169 | 4.839 | 4.508 | 5.191 | 4.571 | 13.766 |
| TOT. OBS.       | 1054  | 952   | 1085  | 1050  | 1085  | 1020  | 1085  | 1085  | 1050  | 1085  | 1050  | 1085  | 12686  |

NOTES :  
\* = PERCENT < .05

7 - DAILY TEMPERATURES

ELEMENT TYPE : MEAN TEMPERATURE

643323 YOKOSUKA, JAPAN LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
PERIOD OF RECORD : 1953-1987

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

| TEMP<br>(DEG F) | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| >= 85           | .0    | .0    | .0    | .0    | .0    | .0    | 1.4   | 6.4   | .3    | .0    | .0    | .0    | .7     |
| >= 80           | .0    | .0    | .0    | .0    | .0    | .9    | 34.3  | 62.9  | 14.6  | .1    | .0    | .0    | 9.6    |
| >= 75           | .0    | .0    | .0    | .0    | .6    | 14.1  | 71.1  | 90.6  | 43.5  | 1.0   | .0    | .0    | 18.7   |
| >= 70           | .0    | .0    | .0    | .7    | 12.6  | 56.8  | 91.2  | 98.2  | 75.1  | 10.6  | .5    | .0    | 29.1   |
| >= 65           | .0    | .0    | .4    | 9.9   | 56.7  | 89.2  | 98.7  | 99.9  | 96.1  | 41.3  | 4.6   | .0    | 41.7   |
| >= 60           | .1    | .5    | 3.0   | 35.2  | 88.1  | 98.5  | 99.9  | 100.0 | 99.7  | 80.6  | 21.4  | 1.1   | 52.8   |
| >= 55           | 1.6   | 2.8   | 12.7  | 68.2  | 98.8  | 99.9  | 100.0 | 100.0 | 100.0 | 98.8  | 55.6  | 8.4   | 62.7   |
| >= 50           | 7.1   | 11.0  | 35.8  | 89.7  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 88.4  | 32.4  | 72.5   |
| >= 45           | 29.1  | 33.9  | 70.9  | 98.7  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1  | 74.5  | 84.3   |
| >= 40           | 79.9  | 79.2  | 95.1  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.5  | 96.1   |
| >= 35           | 99.6  | 99.1  | 99.9  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9   |
| >= 30           | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  |
| MEAN            | 42.9  | 43.3  | 47.9  | 57.2  | 64.8  | 70.0  | 76.8  | 79.9  | 73.4  | 63.6  | 55.5  | 47.7  | 60.4   |
| S.D.            | 4.168 | 4.858 | 5.527 | 5.671 | 4.235 | 4.346 | 4.706 | 3.803 | 5.290 | 4.557 | 5.079 | 4.649 | 13.398 |
| TOT. OBS.       | 1054  | 952   | 1085  | 1050  | 1085  | 1020  | 1085  | 1085  | 1050  | 1085  | 1050  | 1085  | 12686  |

NOTES :  
\* = PERCENT < .05

# 1 - DAILY AMOUNTS

## PERCENTAGE FREQUENCY OF PRECIPITATION

(FROM DAILY OBSERVATIONS)

043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

|     | NONE | TRACE | .01 | <=.05 | <=.10 | <=.25 | INCHES<br><=.50 | <=1.0 | <=2.5 | <=5.0 | <=10.0 | <=20.0 | >20.0 | >=.01 | PERCENT<br>OF DAYS<br>WITH<br>AMOUNTS | TOTAL<br>NO.<br>OF<br>OBS | TOTAL PRECIPITATION<br>(INCHES) |       |       |
|-----|------|-------|-----|-------|-------|-------|-----------------|-------|-------|-------|--------|--------|-------|-------|---------------------------------------|---------------------------|---------------------------------|-------|-------|
|     |      |       |     |       |       |       |                 |       |       |       |        |        |       |       |                                       |                           | MEAN                            | HI    | LOW   |
| JAN | 67.7 | 10.2  | 1.5 | 4.8   | 3.3   | 3.7   | 3.5             | 3.8   | 1.3   | .0    | .0     | .0     | .0    | 22.0  | 1054                                  |                           | 2.15                            | 6.18  | .08   |
| FEB | 59.7 | 12.3  | 1.8 | 5.4   | 2.9   | 6.1   | 5.0             | 4.8   | 1.9   | .2    | .0     | .0     | .0    | 28.0  | 952                                   |                           | 2.79                            | 7.23  | .26   |
| MAR | 45.9 | 13.7  | 2.3 | 8.0   | 4.4   | 6.9   | 7.5             | 7.0   | 3.8   | .5    | .0     | .0     | .0    | 40.4  | 1085                                  |                           | 4.97                            | 8.52  | .61   |
| APR | 45.9 | 12.1  | 1.9 | 7.4   | 3.5   | 8.6   | 6.7             | 8.5   | 5.0   | .4    | .0     | .0     | .0    | 42.0  | 1050                                  |                           | 5.61                            | 9.45  | 2.09  |
| MAY | 50.3 | 9.1   | 1.1 | 6.7   | 4.6   | 7.9   | 5.8             | 6.4   | 7.3   | .6    | .1     | .0     | .0    | 40.6  | 1085                                  |                           | 6.79                            | 15.11 | 2.20  |
| JUN | 37.4 | 13.5  | 2.3 | 7.0   | 5.9   | 9.1   | 8.0             | 8.2   | 6.8   | 1.6   | .3     | .0     | .0    | 49.1  | 1020                                  |                           | 8.55                            | 19.43 | 3.45  |
| JUL | 44.7 | 17.5  | 2.1 | 9.4   | 5.7   | 4.7   | 5.7             | 5.3   | 3.6   | .8    | .3     | .1     | .0    | 37.8  | 1085                                  |                           | 5.59                            | 18.22 | .84   |
| AUG | 55.3 | 12.8  | 1.5 | 6.5   | 3.3   | 6.3   | 4.5             | 4.5   | 4.1   | 1.1   | .1     | .0     | .0    | 31.9  | 1085                                  |                           | 5.20                            | 12.91 | .61   |
| SEP | 40.7 | 15.1  | 1.8 | 7.3   | 4.8   | 8.3   | 7.0             | 6.9   | 6.4   | 1.5   | .2     | .0     | .0    | 44.2  | 1050                                  |                           | 7.62                            | 17.15 | 1.25  |
| OCT | 45.3 | 13.2  | 2.5 | 6.8   | 4.1   | 5.4   | 6.9             | 8.1   | 6.6   | .7    | .3     | .0     | .0    | 41.5  | 1085                                  |                           | 7.50                            | 16.51 | 1.53  |
| NOV | 56.6 | 9.8   | 2.2 | 7.4   | 4.1   | 6.3   | 5.3             | 4.6   | 3.2   | .3    | .2     | .0     | .0    | 33.6  | 1050                                  |                           | 4.25                            | 9.41  | .79   |
| DEC | 69.7 | 10.0  | 1.3 | 3.9   | 2.9   | 3.8   | 2.8             | 4.2   | 1.3   | .2    | .0     | .0     | .0    | 20.4  | 1085                                  |                           | 2.39                            | 9.45  | .01   |
| ANN | 51.5 | 12.5  | 1.9 | 6.7   | 4.1   | 6.4   | 5.7             | 6.0   | 4.3   | .7    | .1     | .0*    | .0    | 36.0  | 12686                                 |                           | 63.40                           | 81.66 | 39.45 |

### NOTES :

.00T, .0 OR 0.1 = ZERO PRECIPITATION, SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED

\* = PERCENT < .05

ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

\*\*\*\*\* = ANNUAL MINIMUM TOTAL PRECIPITATION IS NOT AVAILABLE. MONTHLY MINIMUM TOTALS MAY BE MISLEADING

(FROM DAILY OBSERVATIONS)

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

|     | INCHES |       |        |       |       |       |        |        |        |        |        |       | PERCENT<br>OF DAYS<br>WITH<br>AMOUNTS | TOTAL<br>NO.<br>OF<br>OBS | TOTAL PRECIPITATION<br>(INCHES) |      |     |
|-----|--------|-------|--------|-------|-------|-------|--------|--------|--------|--------|--------|-------|---------------------------------------|---------------------------|---------------------------------|------|-----|
|     | TRACE  | .1-.4 | .5-1.4 | <=2.4 | <=3.4 | <=4.4 | <= 6.4 | <=10.4 | <=15.4 | <=25.4 | <=50.4 | >50.4 |                                       |                           | MEAN                            | HI   | LOW |
| JAN | NONE   | .1-.4 | .5-1.4 | <=2.4 | <=3.4 | <=4.4 | <= 6.4 | <=10.4 | <=15.4 | <=25.4 | <=50.4 | >50.4 | >=.1                                  | 1054                      | 1.1                             | 17.0 | .0  |
| FEB | 90.9   | .2    | .7     | .1    | .2    | .2    | .0     | .2     | .0     | .0     | .0     | .0    | 1.5                                   | 952                       | 2.1                             | 14.9 | .0  |
| MAR | 87.5   | 1.1   | .8     | .4    | .5    | .1    | .2     | .3     | .0     | .0     | .0     | .0    | 3.5                                   | 1085                      | .8                              | 9.5  | .0  |
| APR | 91.1   | .4    | .4     | .2    | .0    | .1    | .2     | .1     | .0     | .0     | .0     | .0    | 1.3                                   | 1049                      | .0T                             | .0T  | .0  |
| MAY | 99.4   | .0    | .0     | .0    | .0    | .0    | .0     | .0     | .0     | .0     | .0     | .0    | .0                                    | 1085                      | .0                              | .0   | .0  |
| JUN | 100.0  | .0    | .0     | .0    | .0    | .0    | .0     | .0     | .0     | .0     | .0     | .0    | .0                                    | 1020                      | .0                              | .0   | .0  |
| JUL | 100.0  | .0    | .0     | .0    | .0    | .0    | .0     | .0     | .0     | .0     | .0     | .0    | .0                                    | 1085                      | .0                              | .0   | .0  |
| AUG | 100.0  | .0    | .0     | .0    | .0    | .0    | .0     | .0     | .0     | .0     | .0     | .0    | .0                                    | 1085                      | .0                              | .0   | .0  |
| SEP | 100.0  | .0    | .0     | .0    | .0    | .0    | .0     | .0     | .0     | .0     | .0     | .0    | .0                                    | 1050                      | .0                              | .0   | .0  |
| OCT | 100.0  | .0    | .0     | .0    | .0    | .0    | .0     | .0     | .0     | .0     | .0     | .0    | .0                                    | 1085                      | .0                              | .0   | .0  |
| NOV | 99.9   | .1    | .0     | .0    | .0    | .0    | .0     | .0     | .0     | .0     | .0     | .0    | .0                                    | 1050                      | .0T                             | .0T  | .0  |
| DEC | 98.1   | .0    | .1     | .0    | .0    | .0    | .0     | .0     | .0     | .0     | .0     | .0    | .1                                    | 1085                      | .0T                             | .8   | .0  |
| NNN | 97.3   | .1    | .2     | .1    | .1    | .0*   | .0*    | .0*    | .0*    | .0     | .0     | .0    | .5                                    | 12685                     | 4.0                             | 31.4 | .0T |

## NOTES :

.00T, .00 OR 0.1 = ZERO PRECIPITATION, SNOWFALL OF SNOW DEPTH MEASURED BUT A TRACE WAS NOTED

$$** = \text{PERCENT} < .05$$

ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

##### = ANNUAL MINIMUM TOTAL PRECIPITATION IS NOT AVAILABLE. MONTHLY MINIMUM TOTALS MAY BE MISLEADING.



1. - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

Q43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

|     | TRACE | 1  | 2  | 3   | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 60-120 | > 120 | PERCENT<br>OF DAYS<br>WITH<br>AMOUNTS | TOTAL<br>NO.<br>OF<br>OBS | MEAN | HI  | LOW | TOTAL PRECIPITATION<br>(INCHES) |
|-----|-------|----|----|-----|-----|------|-------|-------|-------|-------|--------|-------|---------------------------------------|---------------------------|------|-----|-----|---------------------------------|
| JAN | 98.3  | .1 | .4 | .2  | .1  | .2   | .0    | .0    | .0    | .0    | .0     | .0    | >= 1                                  | 1054                      |      | 9.  | 0.  |                                 |
| FEB | 96.2  | .7 | .4 | .1  | .4  | .1   | .0    | .0    | .0    | .0    | .0     | .0    | .8                                    | 951                       |      | 11. | 0.  |                                 |
| MAR | 99.2  | .3 | .2 | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0     | .0    | 1.8                                   | 1085                      |      | 2.  | 0.  |                                 |
| APR | 100.0 | .0 | .0 | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0     | .0    | .5                                    | 1049                      |      | 0.  | 0.  |                                 |
| MAY | 100.0 | .0 | .0 | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0     | .0    | .0                                    | 1085                      |      | 0.  | 0.  |                                 |
| JUN | 100.0 | .0 | .0 | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0     | .0    | .0                                    | 1020                      |      | 0.  | 0.  |                                 |
| JUL | 100.0 | .0 | .0 | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0     | .0    | .0                                    | 1085                      |      | 0.  | 0.  |                                 |
| AUG | 100.0 | .0 | .0 | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0     | .0    | .0                                    | 1085                      |      | 0.  | 0.  |                                 |
| SEP | 100.0 | .0 | .0 | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0     | .0    | .0                                    | 1050                      |      | 0.  | 0.  |                                 |
| OCT | 100.0 | .0 | .0 | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0     | .0    | .0                                    | 1085                      |      | 0.  | 0.  |                                 |
| NOV | 100.0 | .0 | .0 | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0     | .0    | .0                                    | 1050                      |      | 0.  | 0.  |                                 |
| DEC | 99.8  | .0 | .0 | .0  | .0  | .0   | .0    | .0    | .0    | .0    | .0     | .0    | .0                                    | 1085                      |      | 0.  | 0.  |                                 |
| ANN | 99.5  | .1 | .1 | .0* | .0* | .0*  | .0    | .0    | .0    | .0    | .0     | .0    | .3                                    | 12684                     |      | 11. | 0.1 |                                 |

NOTES :

.00T, .0 OR 0.1 = ZERO PRECIPITATION, SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED  
 \* = PERCENT < .05  
 ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.  
 \*\*\*\*\* = ANNUAL MINIMUM TOTAL PRECIPITATION IS NOT AVAILABLE. MONTHLY MINIMUM TOTALS MAY BE MISLEADING

043323 YOKOSUKA, JAPAN

LAT. : 35 17N LONG. : 139 4DE ELEV. : 10 FT  
PERIOD OF RECORD : 1953-1987

MONTH : JAN

| DAY   | PRECIPITATION |    | SNOWFALL |     | SNOW DEPTH |     |
|-------|---------------|----|----------|-----|------------|-----|
|       | INCHES        | MM | INCHES   | MM  | INCHES     | MM  |
| 1     | 1.32          | 34 | T        | T   | 0.         | 0   |
| 2     | 1.38          | 35 | T        | T   | T          | T   |
| 3     | .91           | 23 | 1.00     | 25  | 0.         | 0   |
| 4     | 1.89          | 48 | .50      | 13  | 0.         | 0   |
| 5     | .63           | 16 | 1.20     | 30  | T          | T   |
| 6     | .56           | 14 | 3.50     | 89  | 2.         | 51  |
| 7     | .48           | 12 | T        | T   | 0.         | 0   |
| 8     | .69           | 18 | T        | T   | 0.         | 0   |
| 9     | .33           | 8  | T        | T   | 0.         | 0   |
| 10    | .32           | 8  | T        | T   | 0.         | 0   |
| 11    | 1.13          | 29 | T        | T   | 0.         | 0   |
| 12    | .45           | 11 | T        | T   | 0.         | 0   |
| 13    | .97           | 25 | T        | T   | T          | T   |
| 14    | .80           | 20 | T        | T   | 0.         | 0   |
| 15    | .96           | 24 | T        | T   | 0.         | 0   |
| 16    | 1.14          | 29 | .50      | 13  | 0.         | 0   |
| 17    | 1.87          | 47 | .00      | 0   | 0.         | 0   |
| 18    | .52           | 13 | 2.50     | 64  | 1.         | 25  |
| 19    | 1.53          | 39 | 7.20     | 183 | 7.         | 178 |
| 20    | .17           | 4  | .00      | 0   | 4.         | 102 |
| 21    | 1.23          | 31 | .60      | 15  | 3.         | 76  |
| 22    | 1.08          | 27 | T        | T   | T          | T   |
| 23    | .74           | 19 | 3.90     | 99  | 2.         | 51  |
| 24    | .56           | 14 | 2.80     | 71  | 3.         | 76  |
| 25    | .82           | 21 | T        | T   | 2.         | 51  |
| 26    | .85           | 22 | T        | T   | 2.         | 51  |
| 27    | .81           | 21 | T        | T   | 0.         | 0   |
| 28    | 1.61          | 41 | .10      | 3   | 0.         | 0   |
| 29    | .69           | 18 | T        | T   | T          | T   |
| 30    | 1.09          | 28 | 1.70     | 43  | 0.         | 0   |
| 31    | 1.82          | 46 | 9.30     | 236 | 9.         | 229 |
| MONTH | 1.89          | 48 | 9.30     | 236 | 9.         | 229 |

NOTES : T = TRACE AMOUNTS (&lt;.01, OR &lt;.5, OR &lt; 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

043323 YOKOSUKA, JAPAN

10 FT

LAT. : 35 17N LONG. : 139 40E ELEV. :  
PERIOD OF RECORD : 1953-1987

MONTH : FEB

| DAY   | PRECIPITATION |    | SNOWFALL |     | SNOW DEPTH |     |
|-------|---------------|----|----------|-----|------------|-----|
|       | INCHES        | MM | INCHES   | MM  | INCHES     | MM  |
| 1     | .88           | 22 | T        | T   | 3.         | 76  |
| 2     | 1.12          | 28 | T        | T   | T          | T   |
| 3     | 1.40          | 36 | T        | T   | T          | T   |
| 4     | .80           | 20 | .20      | 5   | 0.         | 0   |
| 5     | 1.16          | 29 | T        | T   | 0.         | 0   |
| 6     | .70           | 18 | 1.00     | 25  | T          | T   |
| 7     | 2.05          | 52 | 1.50     | 38  | 0.         | 0   |
| 8     | .98           | 25 | .60      | 15  | 1.         | 25  |
| 9     | 3.37          | 86 | T        | T   | 0.         | 0   |
| 10    | .79           | 20 | 1.40     | 36  | T          | T   |
| 11    | .71           | 18 | 6.90     | 175 | 6.         | 152 |
| 12    | .61           | 15 | 6.10     | 155 | 11.        | 279 |
| 13    | 2.58          | 66 | 1.80     | 46  | 2.         | 51  |
| 14    | .83           | 21 | T        | T   | 2.         | 51  |
| 15    | .76           | 19 | 5.00     | 127 | 4.         | 102 |
| 16    | 1.46          | 37 | 1.70     | 43  | 1.         | 25  |
| 17    | 1.32          | 34 | 8.00     | 203 | 4.         | 102 |
| 18    | .92           | 23 | 8.20     | 208 | 4.         | 102 |
| 19    | 2.06          | 52 | 4.40     | 112 | 1.         | 25  |
| 20    | 1.53          | 39 | T        | T   | T          | T   |
| 21    | 1.02          | 26 | 3.00     | 76  | 2.         | 51  |
| 22    | .99           | 25 | T        | T   | 0.         | 0   |
| 23    | 1.27          | 32 | .40      | 10  | 0.         | 0   |
| 24    | 1.03          | 26 | .10      | 3   | T          | T   |
| 25    | .44           | 11 | 3.20     | 81  | 0.         | 0   |
| 26    | .84           | 21 | .10      | 3   | 0.         | 0   |
| 27    | 1.38          | 35 | 3.20     | 81  | 1.         | 25  |
| 28    | 1.51          | 38 | 3.40     | 86  | T          | T   |
| 29    |               |    |          |     |            |     |
| 30    |               |    |          |     |            |     |
| 31    |               |    |          |     |            |     |
| MONTH | 3.37          | 86 | 8.20     | 208 | 11.        | 279 |

## NOTES :

T = TRACE AMOUNTS (&lt;.01, OR &lt;.5, OR &lt; 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

043323 YOKOSUKA, JAPAN

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
PERIOD OF RECORD : 1953-1987

MONTH : MAR

| DAY   | PRECIPITATION |    | SNOWFALL |     | SNOW DEPTH |    |
|-------|---------------|----|----------|-----|------------|----|
|       | INCHES        | MM | INCHES   | MM  | INCHES     | MM |
| 1     | 1.38          | 35 | T        | T   | 0.         | 0  |
| 2     | 1.56          | 40 | .60      | 15  | 0.         | 0  |
| 3     | 1.19          | 30 | T        | T   | 0.         | 0  |
| 4     | .95           | 24 | 4.90     | 124 | 2.         | 51 |
| 5     | .90           | 23 | .30      | 8   | T          | T  |
| 6     | .88           | 22 | T        | T   | 0.         | 0  |
| 7     | 1.03          | 26 | 2.20     | 56  | 1.         | 25 |
| 8     | 1.48          | 38 | .40      | 10  | T          | T  |
| 9     | 1.16          | 29 | T        | T   | 0.         | 0  |
| 10    | 3.34          | 85 | T        | T   | 0.         | 0  |
| 11    | 1.49          | 38 | T        | T   | 0.         | 0  |
| 12    | 1.03          | 26 | 4.60     | 117 | 2.         | 51 |
| 13    | 1.21          | 31 | 8.10     | 206 | 1.         | 25 |
| 14    | 1.00          | 25 | 3.50     | 89  | 1.         | 25 |
| 15    | .84           | 21 | T        | T   | 0.         | 0  |
| 16    | 2.31          | 59 | T        | T   | 0.         | 0  |
| 17    | 2.91          | 74 | T        | T   | 0.         | 0  |
| 18    | .85           | 22 | .90      | 23  | 0.         | 0  |
| 19    | 2.60          | 66 | T        | T   | 0.         | 0  |
| 20    | 1.52          | 39 | T        | T   | 0.         | 0  |
| 21    | 1.49          | 38 | .70      | 0   | 0.         | 0  |
| 22    | 1.80          | 46 | T        | T   | 0.         | 0  |
| 23    | 2.74          | 70 | 1.00     | 25  | T          | T  |
| 24    | 1.48          | 38 | T        | T   | 0.         | 0  |
| 25    | 1.97          | 50 | T        | T   | 0.         | 0  |
| 26    | 1.33          | 34 | T        | T   | 0.         | 0  |
| 27    | 1.22          | 31 | T        | T   | 0.         | 0  |
| 28    | 1.88          | 48 | T        | T   | 0.         | 0  |
| 29    | .98           | 25 | T        | T   | 0.         | 0  |
| 30    | 3.71          | 94 | .00      | 0   | 0.         | 0  |
| 31    | .79           | 20 | T        | T   | 0.         | 0  |
| MONTH | 3.71          | 94 | 8.10     | 206 | 2.         | 51 |

## NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

043323 YOKOSUKA, JAPAN

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
PERIOD OF RECORD : 1953-1987

MONTH : APR

| DAY   | PRECIPITATION |    | SNOWFALL |      | SNOW DEPTH |    |
|-------|---------------|----|----------|------|------------|----|
|       | INCHES        | MM | INCHES   | MM   | INCHES     | MM |
| 1     | 1.16          | 29 | T        | 1984 | 0.         | 0  |
| 2     | 2.23          | 57 | .00      | 0    | 0.         | 0  |
| 3     | 1.22          | 31 | .00      | 0    | 0.         | 0  |
| 4     | .98           | 25 | .00      | 0    | 0.         | 0  |
| 5     | .68           | 17 | T        | 1985 | 0.         | 0  |
| 6     | 2.24          | 57 | .00      | 0    | 0.         | 0  |
| 7     | 2.16          | 55 | .00      | 0    | 0.         | 0  |
| 8     | 2.67          | 68 | .00      | 0    | 0.         | 0  |
| 9     | 1.65          | 42 | .00      | 0    | 0.         | 0  |
| 10    | 1.37          | 35 | .00      | 0    | 0.         | 0  |
| 11    | 1.52          | 39 | T        | 1985 | 0.         | 0  |
| 12    | 1.34          | 34 | .00      | 0    | 0.         | 0  |
| 13    | 2.61          | 66 | .00      | 0    | 0.         | 0  |
| 14    | 2.19          | 56 | .00      | 0    | 0.         | 0  |
| 15    | 2.41          | 61 | .00      | 0    | 0.         | 0  |
| 16    | 1.23          | 31 | .00      | 0    | 0.         | 0  |
| 17    | 1.28          | 33 | T        | 1987 | 0.         | 0  |
| 18    | 1.75          | 44 | T        | 1969 | 0.         | 0  |
| 19    | .77           | 20 | .00      | 0    | 0.         | 0  |
| 20    | 2.78          | 71 | .00      | 0    | 0.         | 0  |
| 21    | 1.48          | 38 | .00      | 0    | 0.         | 0  |
| 22    | 1.06          | 27 | .00      | 0    | 0.         | 0  |
| 23    | 2.90          | 74 | .00      | 0    | 0.         | 0  |
| 24    | .74           | 19 | .00      | 0    | 0.         | 0  |
| 25    | 1.09          | 28 | .00      | 0    | 0.         | 0  |
| 26    | 1.27          | 32 | .00      | 0    | 0.         | 0  |
| 27    | 1.99          | 50 | .00      | 0    | 0.         | 0  |
| 28    | .95           | 24 | .00      | 0    | 0.         | 0  |
| 29    | 2.25          | 57 | .00      | 0    | 0.         | 0  |
| 30    | 1.35          | 34 | .00      | 0    | 0.         | 0  |
| 31    |               |    |          |      |            |    |
| MONTH | 2.90          | 74 | T        | 1984 | 0.         | 0  |

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = D.C

043323 YOKOSUKA, JAPAN

PERIOD OF RECORD : 1953-1987 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

MONTH : MAY

| DAY   | PRECIPITATION |     | SNOWFALL |    | SNOW DEPTH |    |
|-------|---------------|-----|----------|----|------------|----|
|       | INCHES        | MM  | INCHES   | MM | INCHES     | MM |
| 1     | 1.50          | 38  | .00      | 0  | 0.         | 0  |
| 2     | 2.69          | 68  | .00      | 0  | 0.         | 0  |
| 3     | 2.74          | 70  | .00      | 0  | 0.         | 0  |
| 4     | 1.76          | 45  | .00      | 0  | 0.         | 0  |
| 5     | 1.40          | 36  | .00      | 0  | 0.         | 0  |
| 6     | 1.16          | 29  | .00      | 0  | 0.         | 0  |
| 7     | 1.06          | 27  | .00      | 0  | 0.         | 0  |
| 8     | 1.27          | 32  | .00      | 0  | 0.         | 0  |
| 9     | 1.37          | 35  | .00      | 0  | 0.         | 0  |
| 10    | 1.72          | 44  | .00      | 0  | 0.         | 0  |
| 11    | 1.32          | 34  | .00      | 0  | 0.         | 0  |
| 12    | .92           | 23  | .00      | 0  | 0.         | 0  |
| 13    | 1.48          | 38  | .00      | 0  | 0.         | 0  |
| 14    | 5.02          | 128 | .00      | 0  | 0.         | 0  |
| 15    | 2.21          | 56  | .00      | 0  | 0.         | 0  |
| 16    | 2.18          | 55  | .00      | 0  | 0.         | 0  |
| 17    | 2.30          | 58  | .00      | 0  | 0.         | 0  |
| 18    | 1.29          | 33  | .00      | 0  | 0.         | 0  |
| 19    | 2.26          | 57  | .00      | 0  | 0.         | 0  |
| 20    | 3.70          | 94  | .00      | 0  | 0.         | 0  |
| 21    | 2.01          | 51  | .00      | 0  | 0.         | 0  |
| 22    | 2.85          | 72  | .00      | 0  | 0.         | 0  |
| 23    | 2.12          | 54  | .00      | 0  | 0.         | 0  |
| 24    | 2.07          | 52  | .00      | 0  | 0.         | 0  |
| 25    | 1.89          | 48  | .00      | 0  | 0.         | 0  |
| 26    | .62           | 16  | .00      | 0  | 0.         | 0  |
| 27    | 4.51          | 115 | .00      | 0  | 0.         | 0  |
| 28    | 1.32          | 24  | .00      | 0  | 0.         | 0  |
| 29    | 1.79          | 45  | .00      | 0  | 0.         | 0  |
| 30    | 2.45          | 62  | .00      | 0  | 0.         | 0  |
| 31    | 3.59          | 91  | .00      | 0  | 0.         | 0  |
| MONTH | 5.02          | 128 | .00      | 0  | 0.         | 0  |

NOTES :  
 T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).  
 THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

1 - DAILY EXTREME AMOUNTS

043323 YOKOSUKA, JAPAN

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
PERIOD OF RECORD : 1953-1987

MONTH : JUN

| DAY   | PRECIPITATION |     | SNOWFALL |    | SNOW DEPTH |    |
|-------|---------------|-----|----------|----|------------|----|
|       | INCHES        | MM  | INCHES   | MM | INCHES     | MM |
| 1     | 2.54          | 65  | .00      | 0  | 0.         | 0  |
| 2     | 1.32          | 34  | .00      | 0  | 0.         | 0  |
| 3     | 1.77          | 45  | .00      | 0  | 0.         | 0  |
| 4     | 1.61          | 41  | .00      | 0  | 0.         | 0  |
| 5     | 3.86          | 98  | .00      | 0  | 0.         | 0  |
| 6     | 2.04          | 52  | .00      | 0  | 0.         | 0  |
| 7     | 2.27          | 58  | .00      | 0  | 0.         | 0  |
| 8     | 1.24          | 31  | .00      | 0  | 0.         | 0  |
| 9     | 1.85          | 47  | .00      | 0  | 0.         | 0  |
| 10    | 1.10          | 28  | .00      | 0  | 0.         | 0  |
| 11    | 2.57          | 65  | .00      | 0  | 0.         | 0  |
| 12    | 1.44          | 37  | .00      | 0  | 0.         | 0  |
| 13    | 4.14          | 105 | .00      | 0  | 0.         | 0  |
| 14    | 1.50          | 38  | .00      | 0  | 0.         | 0  |
| 15    | 2.84          | 72  | .00      | 0  | 0.         | 0  |
| 16    | 3.06          | 78  | .00      | 0  | 0.         | 0  |
| 17    | 1.21          | 31  | .00      | 0  | 0.         | 0  |
| 18    | 3.09          | 78  | .00      | 0  | 0.         | 0  |
| 19    | 2.03          | 52  | .00      | 0  | 0.         | 0  |
| 20    | 2.60          | 66  | .00      | 0  | 0.         | 0  |
| 21    | 3.09          | 78  | .00      | 0  | 0.         | 0  |
| 22    | 2.14          | 54  | .00      | 0  | 0.         | 0  |
| 23    | 3.77          | 96  | .00      | 0  | 0.         | 0  |
| 24    | 2.10          | 53  | .00      | 0  | 0.         | 0  |
| 25    | 2.60          | 66  | .00      | 0  | 0.         | 0  |
| 26    | 2.65          | 72  | .00      | 0  | 0.         | 0  |
| 27    | 7.30          | 188 | .00      | 0  | 0.         | 0  |
| 28    | 4.44          | 113 | .00      | 0  | 0.         | 0  |
| 29    | 1.72          | 44  | .00      | 0  | 0.         | 0  |
| 30    | 3.25          | 83  | .00      | 0  | 0.         | 0  |
| 31    |               |     |          |    |            |    |
| MONTH | 7.44          | 240 | .00      | 0  | 0.         | 0  |

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

043323 YOKOSUKA, JAPAN

10 FT

LAT. : 35 17N LONG. : 139 40E ELEV. :  
PERIOD OF RECORD : 1953-1987

MONTH : JUL

| DAY   | PRECIPITATION |     | SNOWFALL |    | SNOW DEPTH |    |
|-------|---------------|-----|----------|----|------------|----|
|       | INCHES        | MM  | INCHES   | MM | INCHES     | MM |
| 1     | 6.15          | 156 | .00      | 0  | 0.         | 0  |
| 2     | 1.93          | 49  | .00      | 0  | 0.         | 0  |
| 3     | .99           | 25  | .00      | 0  | 0.         | 0  |
| 4     | 6.04          | 153 | .00      | 0  | 0.         | 0  |
| 5     | 2.70          | 69  | .00      | 0  | 0.         | 0  |
| 6     | 4.10          | 104 | .00      | 0  | 0.         | 0  |
| 7     | 1.83          | 46  | .00      | 0  | 0.         | 0  |
| 8     | 11.07         | 281 | .00      | 0  | 0.         | 0  |
| 9     | 1.31          | 33  | .00      | 0  | 0.         | 0  |
| 10    | 1.66          | 42  | .00      | 0  | 0.         | 0  |
| 11    | 5.24          | 133 | .00      | 0  | 0.         | 0  |
| 12    | .75           | 19  | .00      | 0  | 0.         | 0  |
| 13    | 1.07          | 27  | .00      | 0  | 0.         | 0  |
| 14    | .94           | 24  | .00      | 0  | 0.         | 0  |
| 15    | 4.69          | 119 | .00      | 0  | 0.         | 0  |
| 16    | .29           | 7   | .00      | 0  | 0.         | 0  |
| 17    | 2.65          | 67  | .00      | 0  | 0.         | 0  |
| 18    | 1.89          | 48  | .00      | 0  | 0.         | 0  |
| 19    | 3.36          | 85  | .00      | 0  | 0.         | 0  |
| 20    | 1.63          | 41  | .00      | 0  | 0.         | 0  |
| 21    | 2.87          | 72  | .00      | 0  | 0.         | 0  |
| 22    | 2.64          | 67  | .00      | 0  | 0.         | 0  |
| 23    | 2.44          | 62  | .00      | 0  | 0.         | 0  |
| 24    | 2.82          | 72  | .00      | 0  | 0.         | 0  |
| 25    | .89           | 23  | .00      | 0  | 0.         | 0  |
| 26    | 2.74          | 70  | .00      | 0  | 0.         | 0  |
| 27    | .10           | 3   | .00      | 0  | 0.         | 0  |
| 28    | 2.21          | 56  | .00      | 0  | 0.         | 0  |
| 29    | .81           | 21  | .00      | 0  | 0.         | 0  |
| 30    | 1.38          | 35  | .00      | 0  | 0.         | 0  |
| 31    | .97           | 25  | .00      | 0  | 0.         | 0  |
| MONTH | 11.07         | 281 | .00      | 0  | 0.         | 0  |

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0



21 - DAILY EXTREME AMOUNTS

043323 YOKOSUKA, JAPAN

PERIOD OF RECORD : 1953-1987 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

MONTH : AUG

| DAY   | PRECIPITATION |     | SNOWFALL |    | SNOW DEPTH |    |
|-------|---------------|-----|----------|----|------------|----|
|       | INCHES        | MM  | INCHES   | MM | INCHES     | MM |
| 1     | 2.15          | 55  | .00      | 0  | 0.         | 0  |
| 2     | 1.37          | 35  | .00      | 0  | 0.         | 0  |
| 3     | 2.67          | 68  | .00      | 0  | 0.         | 0  |
| 4     | 5.84          | 148 | .00      | 0  | 0.         | 0  |
| 5     | .61           | 15  | .00      | 0  | 0.         | 0  |
| 6     | 1.17          | 30  | .00      | 0  | 0.         | 0  |
| 7     | 1.64          | 42  | .00      | 0  | 0.         | 0  |
| 8     | 1.37          | 35  | .00      | 0  | 0.         | 0  |
| 9     | 2.68          | 68  | .00      | 0  | 0.         | 0  |
| 10    | .56           | 14  | .00      | 0  | 0.         | 0  |
| 11    | 2.00          | 51  | .00      | 0  | 0.         | 0  |
| 12    | .99           | 25  | .00      | 0  | 0.         | 0  |
| 13    | 1.38          | 35  | .00      | 0  | 0.         | 0  |
| 14    | 2.49          | 63  | .00      | 0  | 0.         | 0  |
| 15    | 2.99          | 76  | .00      | 0  | 0.         | 0  |
| 16    | 1.50          | 38  | .00      | 0  | 0.         | 0  |
| 17    | 3.16          | 80  | .00      | 0  | 0.         | 0  |
| 18    | 2.30          | 58  | .00      | 0  | 0.         | 0  |
| 19    | .95           | 24  | .00      | 0  | 0.         | 0  |
| 20    | 3.38          | 86  | .00      | 0  | 0.         | 0  |
| 21    | 2.84          | 72  | .00      | 0  | 0.         | 0  |
| 22    | 2.81          | 71  | .00      | 0  | 0.         | 0  |
| 23    | 1.44          | 37  | .00      | 0  | 0.         | 0  |
| 24    | 1.31          | 33  | .00      | 0  | 0.         | 0  |
| 25    | 1.90          | 48  | .00      | 0  | 0.         | 0  |
| 26    | 4.09          | 104 | .00      | 0  | 0.         | 0  |
| 27    | 1.47          | 37  | .00      | 0  | 0.         | 0  |
| 28    | 1.97          | 50  | .00      | 0  | 0.         | 0  |
| 29    | 1.51          | 38  | .00      | 0  | 0.         | 0  |
| 30    | 2.06          | 52  | .00      | 0  | 0.         | 0  |
| 31    | 3.55          | 90  | .00      | 0  | 0.         | 0  |
| MONTH | 5.84          | 148 | .00      | 0  | 0.         | 0  |

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

## 21 - DAILY EXTREME AMOUNTS

043323 YOKOSUKA, JAPAN

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
PERIOD OF RECORD : 1953-1987

MONTH : SEP

| DAY   | PRECIPITATION |     | SNOWFALL |    | SNOW DEPTH |    |
|-------|---------------|-----|----------|----|------------|----|
|       | INCHES        | MM  | INCHES   | MM | INCHES     | MM |
| 1     | 3.46          | 88  | .00      | 0  | 0.         | 0  |
| 2     | 3.88          | 99  | .00      | 0  | 0.         | 0  |
| 3     | .60           | 15  | .00      | 0  | 0.         | 0  |
| 4     | 1.50          | 38  | .00      | 0  | 0.         | 0  |
| 5     | 1.59          | 40  | .00      | 0  | 0.         | 0  |
| 6     | 1.48          | 38  | .00      | 0  | 0.         | 0  |
| 7     | 3.24          | 82  | .00      | 0  | 0.         | 0  |
| 8     | 3.62          | 92  | .00      | 0  | 0.         | 0  |
| 9     | 3.09          | 78  | .00      | 0  | 0.         | 0  |
| 10    | 2.90          | 74  | .00      | 0  | 0.         | 0  |
| 11    | 2.26          | 57  | .00      | 0  | 0.         | 0  |
| 12    | 5.17          | 131 | .00      | 0  | 0.         | 0  |
| 13    | 3.05          | 77  | .00      | 0  | 0.         | 0  |
| 14    | 1.77          | 45  | .00      | 0  | 0.         | 0  |
| 15    | 4.09          | 104 | .00      | 0  | 0.         | 0  |
| 16    | 3.09          | 78  | .00      | 0  | 0.         | 0  |
| 17    | 3.18          | 81  | .00      | 0  | 0.         | 0  |
| 18    | 1.81          | 46  | .00      | 0  | 0.         | 0  |
| 19    | 1.31          | 33  | .00      | 0  | 0.         | 0  |
| 20    | 1.43          | 36  | .00      | 0  | 0.         | 0  |
| 21    | .86           | 22  | .00      | 0  | 0.         | 0  |
| 22    | .84           | 21  | .00      | 0  | 0.         | 0  |
| 23    | 2.06          | 52  | .00      | 0  | 0.         | 0  |
| 24    | 3.29          | 84  | .00      | 0  | 0.         | 0  |
| 25    | 2.60          | 66  | .00      | 0  | 0.         | 0  |
| 26    | 7.27          | 185 | .00      | 0  | 0.         | 0  |
| 27    | 2.72          | 69  | .00      | 0  | 0.         | 0  |
| 28    | 2.30          | 58  | .00      | 0  | 0.         | 0  |
| 29    | 2.86          | 73  | .00      | 0  | 0.         | 0  |
| 30    | 1.02          | 51  | .00      | 0  | 0.         | 0  |
| 31    |               |     |          |    |            |    |
| MONTH | 7.27          | 185 | .00      | 0  | 0.         | 0  |

## NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

## 21 - DAILY EXTREME AMOUNTS

043323 YOKOSUKA, JAPAN

 PERIOD OF RECORD : 1953-1987  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

MONTH : OCT

| DAY   | PRECIPITATION |     | SNOWFALL |    | SNOW DEPTH |    |
|-------|---------------|-----|----------|----|------------|----|
|       | INCHES        | MM  | INCHES   | MM | INCHES     | MM |
| 1     | 1.51          | 38  | .20      | 5  | 0.         | 0  |
| 2     | 2.09          | 53  | .00      | 0  | 0.         | 0  |
| 3     | 1.02          | 26  | .00      | 0  | 0.         | 0  |
| 4     | 1.35          | 34  | .00      | 0  | 0.         | 0  |
| 5     | 2.61          | 66  | .00      | 0  | 0.         | 0  |
| 6     | 5.11          | 130 | .00      | 0  | 0.         | 0  |
| 7     | 4.07          | 103 | .00      | 0  | 0.         | 0  |
| 8     | 6.86          | 174 | .00      | 0  | 0.         | 0  |
| 9     | 2.71          | 69  | .00      | 0  | 0.         | 0  |
| 10    | 2.75          | 70  | .00      | 0  | 0.         | 0  |
| 11    | 3.30          | 84  | .00      | 0  | 0.         | 0  |
| 12    | 1.38          | 35  | .00      | 0  | 0.         | 0  |
| 13    | .96           | 24  | .00      | 0  | 0.         | 0  |
| 14    | 2.44          | 62  | .00      | 0  | 0.         | 0  |
| 15    | 1.74          | 44  | .00      | 0  | 0.         | 0  |
| 16    | 1.51          | 38  | .00      | 0  | 0.         | 0  |
| 17    | 1.49          | 38  | .00      | 0  | 0.         | 0  |
| 18    | 2.04          | 52  | .00      | 0  | 0.         | 0  |
| 19    | 2.23          | 57  | .00      | 0  | 0.         | 0  |
| 20    | 2.42          | 61  | .00      | 0  | 0.         | 0  |
| 21    | 3.18          | 81  | .00      | 0  | 0.         | 0  |
| 22    | 9.36          | 238 | .00      | 0  | 0.         | 0  |
| 23    | 1.58          | 40  | .00      | 0  | 0.         | 0  |
| 24    | .99           | 25  | .00      | 0  | 0.         | 0  |
| 25    | 1.46          | 37  | .00      | 0  | 0.         | 0  |
| 26    | 2.44          | 62  | .00      | 0  | 0.         | 0  |
| 27    | 1.16          | 29  | .00      | 0  | 0.         | 0  |
| 28    | 3.85          | 98  | .00      | 0  | 0.         | 0  |
| 29    | 1.15          | 29  | .00      | 0  | 0.         | 0  |
| 30    | 2.07          | 53  | .00      | 0  | 0.         | 0  |
| 31    | 3.26          | 83  | .00      | 0  | 0.         | 0  |
| MONTH | 9.36          | 238 | .00      | 0  | 0.         | 0  |

## NOTES :

T = TRACE AMOUNTS (&lt;.01, OR &lt;.5, OR &lt; 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

## 21 - DAILY EXTREME AMOUNTS

043323 YOKOSUKA, JAPAN

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
PERIOD OF RECORD : 1953-1987

MONTH : NOV

| DAY   | PRECIPITATION |     | SNOWFALL |      | SNOW DEPTH |    |
|-------|---------------|-----|----------|------|------------|----|
|       | INCHES        | MM  | INCHES   | MM   | INCHES     | MM |
| 1     | .42           | 11  | .00      | 0    | 0.         | 0  |
| 2     | 2.07          | 53  | .00      | 0    | 0.         | 0  |
| 3     | 3.32          | 84  | .00      | 0    | 0.         | 0  |
| 4     | 1.26          | 32  | .00      | 0    | 0.         | 0  |
| 5     | .81           | 21  | .00      | 0    | 0.         | 0  |
| 6     | 1.37          | 35  | .00      | 0    | 0.         | 0  |
| 7     | 3.51          | 89  | .00      | 0    | 0.         | 0  |
| 8     | .48           | 12  | .00      | 0    | 0.         | 0  |
| 9     | 1.25          | 32  | .00      | 0    | 0.         | 0  |
| 10    | 5.06          | 129 | .00      | 0    | 0.         | 0  |
| 11    | 1.61          | 41  | .00      | 0    | 0.         | 0  |
| 12    | .45           | 11  | .00      | 0    | 0.         | 0  |
| 13    | 1.67          | 42  | .00      | 0    | 0.         | 0  |
| 14    | 1.43          | 36  | .00      | 0    | 0.         | 0  |
| 15    | 2.29          | 58  | .00      | 0    | 0.         | 0  |
| 16    | 2.15          | 55  | .00      | 0    | 0.         | 0  |
| 17    | 6.70          | 170 | .00      | 0    | 0.         | 0  |
| 18    | 1.26          | 32  | .00      | 0    | 0.         | 0  |
| 19    | 2.54          | 65  | .00      | 0    | 0.         | 0  |
| 20    | 2.10          | 53  | .00      | 0    | 0.         | 0  |
| 21    | 1.77          | 45  | .00      | 0    | 0.         | 0  |
| 22    | 2.46          | 62  | .00      | 0    | 0.         | 0  |
| 23    | .49           | 12  | .00      | 0    | 0.         | 0  |
| 24    | .90           | 23  | T        | 1975 | 0.         | 0  |
| 25    | 2.23          | 57  | .00      | 0    | 0.         | 0  |
| 26    | .62           | 16  | .00      | 0    | 0.         | 0  |
| 27    | .94           | 24  | .00      | 0    | 0.         | 0  |
| 28    | 1.45          | 37  | .00      | 0    | 0.         | 0  |
| 29    | 2.06          | 52  | .00      | 0    | 0.         | 0  |
| 30    | 1.06          | 27  | .00      | 0    | 0.         | 0  |
| 31    |               |     |          |      |            |    |
| MONTH | 6.70          | 170 | T        | 1975 | 0.         | 0  |

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

# 21 - DAILY EXTREME AMOUNTS

043323 YOKOSUKA, JAPAN

PERIOD OF RECORD : 1953-1987  
LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT

MONTH : DEC

| DAY   | PRECIPITATION |    | SNOWFALL |      | SNOW DEPTH |      |
|-------|---------------|----|----------|------|------------|------|
|       | INCHES        | MM | INCHES   | MM   | INCHES     | MM   |
| 1     | .81           | 21 | T        | 1966 | 0.         | 0    |
| 2     | .35           | 9  | .00      | 0    | 0.         | 0    |
| 3     | 3.68          | 93 | .00      | 0    | 0.         | 0    |
| 4     | .98           | 25 | .00      | 0    | 0.         | 0    |
| 5     | 3.38          | 86 | .00      | 0    | 0.         | 0    |
| 6     | .66           | 17 | .00      | 0    | 0.         | 0    |
| 7     | .74           | 19 | .00      | 0    | 0.         | 0    |
| 8     | 1.79          | 45 | .00      | 0    | 0.         | 0    |
| 9     | .91           | 23 | T        | 1975 | 0.         | 0    |
| 10    | 1.72          | 44 | .00      | 0    | 0.         | 0    |
| 11    | 1.37          | 35 | .00      | 0    | 0.         | 0    |
| 12    | 2.08          | 53 | .00      | 0    | 0.         | 0    |
| 13    | 1.41          | 36 | T        | 1987 | 0.         | 0    |
| 14    | .22           | 6  | .00      | 0    | 0.         | 0    |
| 15    | 1.20          | 30 | .00      | 0    | 0.         | 0    |
| 16    | .63           | 16 | T        | 1965 | 0.         | 0    |
| 17    | .70           | 18 | .00      | 0    | 0.         | 0    |
| 18    | .63           | 16 | .00      | 0    | 0.         | 0    |
| 19    | 1.32          | 34 | T        | 1987 | 0.         | 0    |
| 20    | .66           | 17 | T        | 1978 | 0.         | 0    |
| 21    | 1.79          | 45 | .00      | 0    | 0.         | 0    |
| 22    | .54           | 14 | .00      | 0    | 0.         | 0    |
| 23    | .84           | 21 | T        | 1980 | 0.         | 0    |
| 24    | .96           | 24 | T        | 1980 | 0.         | 0    |
| 25    | .70           | 18 | T        | 1984 | T          | 1984 |
| 26    | 2.22          | 56 | .00      | 0    | 0.         | 0    |
| 27    | 1.32          | 34 | T        | 1975 | 0.         | 0    |
| 28    | .75           | 19 | .80      | 20   | 0.         | 0    |
| 29    | .49           | 12 | .00      | 0    | 0.         | 0    |
| 30    | 1.86          | 47 | T        | 1983 | 0.         | 0    |
| 31    | .82           | 21 | T        | 1983 | 0.         | 0    |
| MONTH | 3.68          | 93 | .80      | 20   | T          | 1984 |

## NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

PRECIPITATION (INCHES)  
(FROM DAILY OBS)

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
PAGE : 1

| YEAR    | JAN  | FEB  | MAR  | APR  | MAY  | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC  | ANNUAL |
|---------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|------|--------|
| 1953    | MISS | MISS | .72  | 1.52 | 1.34 | 3.19  | 3.36  | 1.06  | 3.29  | 1.52  | .35   | .80  | PART   |
| 1954    | .82  | .83  | 1.56 | 2.24 | 2.40 | 3.70  | .84   | 2.07  | 3.18  | 1.02  | 2.54  | 1.06 | 3.70   |
| 1955    | .75  | 1.51 | 1.56 | 1.17 | 1.79 | 2.84  | 2.13  | 3.04  | 3.46  | 3.30  | 1.77  | 1.79 | 3.46   |
| 1956    | .85  | .37  | 2.60 | 1.38 | 2.42 | 1.68  | 1.20  | 1.50  | 1.98  | 3.26  | .92   | .54  | 3.26   |
| 1957    | .79  | 1.40 | 1.48 | 1.78 | 3.70 | 7.39  | 1.97  | .76   | 2.66  | 5.11  | 1.61  | .63  | 7.39   |
| 1958    | .81  | 1.12 | 1.01 | .56  | 1.10 | .76   | 2.83  | 1.90  | 7.27  | 1.67  | 1.43  | 2.22 | 7.27   |
| 1959    | 1.19 | 1.03 | 1.52 | .54  | 2.12 | 1.10  | .93   | 1.14  | 1.76  | 1.53  | 2.07  | 3.68 | 3.68   |
| 1960    | 1.14 | .13  | 1.33 | 2.78 | 2.26 | 1.43  | 1.47  | 3.38  | 2.28  | 1.83  | .92   | .98  | 3.38   |
| 1961    | .66  | .42  | 1.26 | 2.41 | .94  | 7.84  | .76   | .51   | 1.10  | 1.37  | 2.46  | .81  | 7.84   |
| 1962    | .85  | .24  | .84  | 1.37 | 1.89 | 2.57  | 2.21  | .78   | .58   | .99   | 3.32  | 1.86 | 3.32   |
| 1963    | .10  | .64  | 1.32 | .74  | 2.30 | 3.86  | 1.44  | 2.11  | 1.32  | 2.75  | 2.23  | .74  | 3.86   |
| 1964    | 1.87 | .60  | 1.03 | .57  | 1.31 | 1.60  | .73   | 1.35  | 1.64  | 1.43  | .72   | .75  | 1.87   |
| 1965    | .61  | .31  | 2.91 | 1.37 | 4.51 | 2.33  | 1.45  | 2.84  | 3.09  | 2.18  | 1.91  | .84  | 4.51   |
| 1966    | 1.00 | 1.35 | .80  | 2.16 | 2.85 | 9.44  | 1.56  | 1.50  | 1.91  | 2.03  | .42   | .56  | 9.44   |
| 1967    | 1.32 | .71  | .79  | 1.26 | 1.20 | 1.47  | 1.60  | 1.74  | 1.79  | 1.80  | .94   | .37  | 1.80   |
| 1968    | .93  | .76  | 1.87 | 1.41 | 1.76 | 3.06  | 4.10  | 4.09  | 1.18  | 1.35  | 1.24  | 3.38 | 4.10   |
| 1969    | .93  | 1.16 | 3.71 | 1.08 | 1.71 | 2.85  | 2.70  | 1.51  | 1.59  | 1.82  | 2.15  | .36  | 3.71   |
| 1970    | 1.82 | .98  | 2.31 | 1.38 | 2.48 | 2.82  | 6.15  | 1.15  | 1.23  | 1.11  | 2.10  | .82  | 6.15   |
| 1971    | 1.23 | .68  | 1.19 | 2.25 | 1.14 | 2.04  | 1.11  | 3.49  | 3.24  | 2.07  | .28   | 1.32 | 3.49   |
| 1972    | 1.13 | 2.58 | .35  | 1.29 | 1.05 | 1.37  | 4.65  | 2.81  | 4.09  | 1.87  | 1.21  | 1.79 | 4.69   |
| 1973    | 1.38 | 1.10 | .40  | 1.21 | 2.69 | 1.33  | 1.35  | .66   | 1.70  | 3.85  | 5.06  | .01  | 5.06   |
| 1974    | .65  | 1.53 | .84  | 2.67 | 3.59 | 2.06  | 11.07 | 1.79  | 1.95  | 1.86  | .65   | .27  | 11.07  |
| 1975    | 1.08 | 2.05 | 1.49 | 1.38 | 1.69 | 1.65  | 6.04  | .49   | 2.06  | 6.86  | 3.51  | 2.01 | 6.86   |
| 1976    | .07  | 1.46 | 1.22 | 1.45 | 1.89 | 1.75  | 5.24  | 2.68  | 1.77  | 2.71  | .89   | .58  | 5.24   |
| 1977    | .85  | .45  | 2.28 | 2.61 | 2.21 | 3.09  | 1.15  | 2.49  | 3.62  | .97   | 6.70  | .66  | 6.70   |
| 1978    | .33  | .36  | 3.34 | 1.46 | 1.53 | 2.32  | 1.41  | 1.31  | 2.02  | 1.33  | 1.29  | .79  | 3.34   |
| 1979    | 1.06 | 1.08 | 1.47 | 2.12 | 3.56 | 1.24  | 1.89  | 1.31  | 1.73  | 4.07  | 2.00  | .96  | 4.07   |
| 1980    | 1.61 | .89  | 1.80 | 2.19 | 2.01 | 1.08  | 1.45  | 2.67  | 2.90  | 2.44  | 2.06  | 1.03 | 2.90   |
| 1981    | .28  | 1.32 | 1.97 | 2.23 | 1.75 | 1.27  | 2.82  | 1.30  | 1.36  | 9.36  | 1.95  | .28  | 9.36   |
| 1982    | 1.89 | 1.15 | .66  | 2.35 | .96  | 1.50  | 2.74  | 2.15  | 5.17  | 1.44  | 1.02  | .94  | 5.17   |
| 1983    | .56  | 1.17 | 1.28 | 1.28 | 2.18 | 3.09  | 1.79  | 3.16  | 2.30  | 2.33  | .80   | .66  | 3.16   |
| 1984    | 1.53 | .84  | .59  | .77  | .80  | 3.77  | 1.06  | .21   | 1.35  | 1.10  | .39   | 1.37 | 3.77   |
| 1985    | .42  | 3.37 | 1.47 | 2.90 | 1.67 | 4.14  | 1.15  | 2.06  | 1.64  | 2.11  | 1.37  | .74  | 4.14   |
| 1986    | .60  | .82  | 2.74 | 1.06 | 5.02 | 1.14  | .59   | 5.84  | 3.88  | 1.51  | .86   | 1.32 | 5.84   |
| 1987    | .32  | .92  | 1.30 | 1.10 | 2.31 | MISS  | .65   | .45   | 1.50  | 1.49  | 1.21  | 1.41 | PART   |
| MEAN    | .92  | 1.04 | 1.51 | 1.60 | 2.12 | 2.73  | 2.39  | 1.92  | 2.39  | 2.38  | 1.72  | 1.10 | 4.96   |
| S.D.    | .477 | .658 | .806 | .668 | .989 | 1.979 | 2.110 | 1.188 | 1.315 | 1.736 | 1.321 | .799 | 2.217  |
| TOT OBS | 34   | 34   | 35   | 35   | 35   | 34    | 35    | 35    | 35    | 35    | 35    | 35   | 33     |

NOTE : T = TRACE AMOUNTS (LESS THAN .01, .01, OR 1.0 INCHES)

SNOWFALL (INCHES)  
 (FROM DAILY OBS)

 043323 YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 LAT. : 35 17N LONG. : 139 40E ELEV.: 10 FT  
 PAGE : 1

| YEAR    | JAN   | FEB   | MAR   | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|---------|-------|-------|-------|------|------|------|------|------|------|------|------|------|--------|
| 1953    | MISS  | MISS  | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| 1954    | 3.9   | T     | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 3.9    |
| 1955    | T     | T     | .2    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .2     |
| 1956    | T     | .4    | T     | T    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .4     |
| 1957    | T     | T     | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| 1958    | T     | T     | T     | PART | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| 1959    | T     | T     | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| 1960    | T     | T     | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| 1961    | T     | T     | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| 1962    | T     | T     | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| 1963    | T     | T     | 8.1   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 8.1    |
| 1964    | T     | 3.2   | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 3.2    |
| 1965    | 3.5   | T     | T     | T    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 3.5    |
| 1966    | T     | T     | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| 1967    | T     | 6.9   | T     | T    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 6.9    |
| 1968    | T     | 5.0   | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 5.0    |
| 1969    | T     | 3.2   | 4.9   | T    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 4.9    |
| 1970    | .0    | 3.4   | 2.0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 3.4    |
| 1971    | 1.2   | 1.8   | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 1.8    |
| 1972    | T     | 1.5   | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 1.5    |
| 1973    | T     | .0    | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| 1974    | .6    | 1.0   | .9    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 1.0    |
| 1975    | T     | 3.0   | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 3.0    |
| 1976    | T     | T     | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| 1977    | 1.0   | .8    | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 1.0    |
| 1978    | 2.5   | .3    | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 2.5    |
| 1979    | T     | .0    | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| 1980    | T     | 3.0   | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 3.0    |
| 1981    | .5    | .6    | .6    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .6     |
| 1982    | .1    | T     | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .1     |
| 1983    | T     | T     | .0    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| 1984    | 9.3   | 8.0   | 3.5   | T    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 9.3    |
| 1985    | T     | T     | T     | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| 1986    | T     | 8.2   | 1.0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 8.2    |
| 1987    | T     | T     | 2.2   | .0   | .0   | MISS | .0   | .0   | .0   | .0   | .0   | .0   | T      |
| MEAN    | .7    | 1.5   | .7    | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | 2.2    |
| S.D.    | 1.811 | 2.382 | 1.691 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .135 | 2.769  |
| TOT OBS | 34    | 34    | 35    | 34   | 35   | 34   | 35   | 35   | 35   | 35   | 35   | 35   | 32     |

NOTE : T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

SNOWFALL (INCHES)  
(FROM DAILY OBS)

U43323 YOKOSUKA, JAPAN  
PERIOD CF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
PAGE : 1

YEAR/MONTHS WITH &lt; FULL NUMBER OF OBSERVATIONS

[illegible]



SNOW DEPTH (INCHES)  
(FROM DAILY OBS)

043323 YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 PAGE : 1

| YEAR | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1954 | 3.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 3.     |
| 1955 | 0.   | PART | T    | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | T      |
| 1956 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1957 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1958 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1959 | 0.   | T    | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | T      |
| 1960 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1961 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1962 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1963 | 0.   | 0.   | 1.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 1.     |
| 1964 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1965 | 2.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 2.     |
| 1966 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1967 | 0.   | 11.  | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 11.    |
| 1968 | 0.   | 4.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 4.     |
| 1969 | 0.   | 1.   | 2.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 2.     |
| 1970 | 0.   | T    | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | T      |
| 1971 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1972 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1973 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1974 | 0.   | 1.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 1.     |
| 1975 | 0.   | 2.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 2.     |
| 1976 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1977 | T    | 1.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 1.     |
| 1978 | 1.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 1.     |
| 1979 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1980 | 0.   | 1.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 1.     |
| 1981 | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | T      |
| 1982 | T    | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | T      |
| 1983 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS   |
| 1984 | 9.   | 4.   | 1.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 9.     |
| 1985 | 0.   | T    | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | T      |
| 1986 | 0.   | 2.   | T    | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | 2.     |
| 1987 | T    | T    | 1.   | 0.   | 0.   | MISS | 0.   | 0.   | 0.   | 0.   | 0.   | 0.   | PART   |

MEAN .8 1.4 .3  
 S.D. 2.099 2.652 .550  
 TOT OBS 20 19 20 20 20 19 20 20 20 20 20 20 20 2.2  
 3.059  
 18

NOTE : T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

SNOW DEPTH (INCHES)  
(FROM DAILY OBS)

Q43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
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YEAR/MONTHS WITH &lt; FULL NUMBER OF OBSERVATIONS

[illegible]

DAILY PEAK GUST (KNOTS)  
(FROM DAILY OBS)

043323 YOKOSUKA, JAPAN

PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
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| YEAR | JAN                                                      | FEB                                         | MAR                             | APR                                | MAY          | JUN        | JUL          | AUG                        | SEP      | OCT    | NOV    | DEC    | ANNUAL |
|------|----------------------------------------------------------|---------------------------------------------|---------------------------------|------------------------------------|--------------|------------|--------------|----------------------------|----------|--------|--------|--------|--------|
| 1953 | MISS                                                     | MISS                                        | MISS                            | MISS                               | S 45\WSW     | 43\SSW     | 38\ N 55\SSW | 74\ NE 32\                 | MISS     | MISS   | MISS   | PART   | PART   |
| 1954 | NNE 46\ SW 54\NNE 55\ SW 58\                             | SW 58\                                      | MISS                            | MISS                               | S 65\SE      | 49\SSW     | 44\ S 51\NNE | 62\ N 43\                  | N 78\WSW | 47\    | N 78   | PART   | N 78   |
| 1955 | W 62\ W 60\ PART\SSW 58\                                 | PART\SSW 58\                                | N 50\SSW                        | 58\ S 47\ SW 39\                   | S 43\WNW     | 68\ SW 48\ | W 54\        | SSW 64                     | MISS     | MISS   | MISS   | MISS   | MISS   |
| 1956 | N 52\ W 50\SSW 51\SSW 64\                                | SW 60\SSW 40\                               | N 28\SSW 48\                    | PART                               | MISS         | MISS       | MISS         | MISS                       | MISS     | MISS   | MISS   | MISS   | MISS   |
| 1957 | SW 51\ NE 42\ NE 50\SSW 42\                              | MISS                                        | MISS                            | MISS                               | MISS         | MISS       | MISS         | MISS                       | MISS     | MISS   | MISS   | MISS   | MISS   |
| 1958 | MISS                                                     | MISS                                        | MISS                            | MISS                               | MISS         | MISS       | MISS         | MISS                       | MISS     | MISS   | MISS   | MISS   | MISS   |
| 1959 | PART                                                     | PART                                        | S 54\ S 53\                     | PART                               | PART         | PART       | 44\ S 60\    | S 81\NNE 52\NNE 36\SSW 47\ | NNE 62   | N 74   | SSW 59 | SSW 76 | SSW 83 |
| 1960 | WSW 49\ W 48\NNE 57\SSW 49\NNE 46\SSW 59\                | S 45\NNE 62\ NE 36\NNE 51\                  | N 39\ W 45\SSW 44\              | N 74\                              | N 51\NNE 40\ | SSW 59     | SSW 76       | SSW 83                     | PART     | PART   | PART   | PART   | PART   |
| 1961 | SSW 51\WSW 48\ NE 44\SSW 56\SSW 55\SSW 43\WSW 34\SSW 71\ | N 74\                                       | N 51\NNE 40\                    | SSW 59                             | SSW 76       | SSW 83     | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1962 | WSW 44\WSW 44\ W 46\SSW 59\NNE 40\SSW 42\                | SW 41\NNE 54\WSW 39\                        | N 39\ W 45\SSW 44\              | NE 71\WSW 40\NNE 55\NNE 45\WSW 48\ | SSW 76       | SSW 83     | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1963 | WNW 60\WSW 40\SSW 54\ SW 50\SSW 45\NNE 42\SSW 43\        | NE 71\WSW 40\NNE 55\NNE 45\WSW 48\          | SSW 76                          | SSW 83                             | PART         | PART       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1964 | SSW 41\NNE 43\ W 49\WSW 47\NNE 44\ SW 57\                | SW 51\SSW 38\SSW 76\NNE 42\ W 47\           | N 39\                           | SSW 76                             | SSW 83       | PART       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1965 | N 43\WSW 40\ W 48\NNE 50\SSW 59\SSW 47\SSW 48\           | S 53\SSW 83\NNE 57\SSW 56\WSW 52\           | PART                            | PART                               | PART         | PART       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1966 | WSW 40\WNW 62\ SW 53\ SW 46\ SW 50\                      | PART                                        | S 57\ N 40\SE 73\ SW 35\        | S 44\WNW 37\                       | S 55         | S 70       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1967 | WSW 37\SSW 41\ S 55\SSW 55\ S 43\NNE 40\                 | S 44\WSW 36\ N 53\ S 47\ SW 43\WSW 43\      | PART                            | PART                               | PART         | PART       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1968 | SW 44\ N 59\ S 53\ SW 41\ N 39\                          | S 41\ S 43\ S 55\ N 32\                     | N 41\WSW 49\ PART               | PART                               | PART         | PART       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1969 | WSW 46\SSW 47\ N 56\SSW 65\SSW 56\                       | S 61\SSW 44\ S 70\ S 40\                    | N 39\ N 38\ SW 46\              | PART                               | PART         | PART       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1970 | PART\WSW 49\WSW 45\WSW 49\WNW 39\WNW 39\                 | N 39\ N 38\ SW 46\                          | PART                            | PART                               | PART         | PART       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1971 | SW 41\UNK 35\UNK 44\UNK 55\UNK 61\UNK                    | 53\ E 47\UNK 50\ E 62\UNK 39\UNK 45\        | PART                            | PART                               | PART         | PART       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1972 | PART\UNK 56\ PART                                        | PART\UNK 59\UNK 55\UNK 47\UNK 50\WNW 58\UNK | 41\UNK 55\UNK 53\               | PART                               | PART         | PART       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1973 | UNK 48\UNK 55\UNK 60\UNK 41\UNK                          | 41\UNK 32\UNK 35\UNK 40\                    | PART                            | PART                               | PART         | PART       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1974 | UNK 42\UNK 45\UNK 58\UNK 68\UNK                          | 42\UNK 43\UNK 37\UNK 54\UNK                 | 37\UNK 35\UNK 49\UNK 43\        | PART                               | PART         | PART       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1975 | UNK 51\UNK 44\UNK 51\UNK 59\UNK                          | 42\UNK 42\UNK 45\UNK 57\                    | MISS                            | MISS                               | MISS         | MISS       | MISS         | MISS                       | MISS     | MISS   | MISS   | MISS   | MISS   |
| 1976 | UNK 45\UNK 53\UNK 51\ PART\UNK 51\                       | NE 50\UNK 55\UNK 38\UNK                     | 38\UNK 48\UNK 40\UNK 50\        | PART                               | PART         | PART       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1977 | UNK 51\ NE 46\UNK 56\ NE 59\UNK 44\UNK                   | 44\UNK 36\UNK 34\ PART                      | E 53\UNK 35\UNK 48\UNK 43\      | PART                               | PART         | PART       | PART         | PART                       | PART     | PART   | PART   | PART   | PART   |
| 1978 | UNK 48\UNK 67\UNK 45\WNW 60\UNK                          | 41\UNK 52\WNW 30\WNW 46\UNK                 | 33\ NE 41\UNK 44\ NE 50\        | UNK 82                             | UNK 63       | UNK 64     | UNK 85       | UNK 52                     | UNK 83   | UNK 65 | UNK 67 | UNK 82 | UNK 63 |
| 1979 | UNK 46\UNK 47\ NE 66\WNW 57\ESE 52\UNK                   | 47\ NE 43\UNK 47\UNK 44\UNK                 | 82\ESE 48\UNK 42\               | UNK 63                             | UNK 64       | UNK 85     | UNK 52       | UNK 83                     | UNK 65   | UNK 67 | UNK 82 | UNK 63 | UNK 64 |
| 1980 | UNK 51\UNK 48\UNK 57\UNK 50\UNK                          | 46\UNK 41\UNK 36\UNK 29\UNK                 | 42\UNK 63\UNK 42\UNK 51\        | UNK 63                             | UNK 64       | UNK 85     | UNK 52       | UNK 83                     | UNK 65   | UNK 67 | UNK 82 | UNK 63 | UNK 64 |
| 1981 | UNK 58\UNK 39\UNK 53\WNW 64\WNW                          | 41\UNK 56\ NE 35\NNE 57\UNK                 | 47\ESE 60\UNK 37\UNK 47\        | UNK 63                             | UNK 64       | UNK 85     | UNK 52       | UNK 83                     | UNK 65   | UNK 67 | UNK 82 | UNK 63 | UNK 64 |
| 1982 | UNK 49\UNK 39\ NE 47\ E 46\UNK 45\UNK                    | 65\UNK 47\UNK 83\UNK 85\UNK                 | 51\UNK 74\UNK 54\               | UNK 63                             | UNK 64       | UNK 85     | UNK 52       | UNK 83                     | UNK 65   | UNK 67 | UNK 82 | UNK 63 | UNK 64 |
| 1983 | UNK 44\UNK 53\UNK 59\UNK 45\                             | PART\WNW 42\UNK 41\UNK 26\UNK               | 47\ NE 39\ESE 49\UNK 49\ESE 50\ | UNK 63                             | UNK 64       | UNK 85     | UNK 52       | UNK 83                     | UNK 65   | UNK 67 | UNK 82 | UNK 63 | UNK 64 |
| 1984 | UNK 48\UNK 45\UNK 49\UNK 52\UNK                          | 41\UNK 41\UNK 26\UNK                        | 47\ NE 39\ESE 49\UNK 49\ESE 50\ | UNK 63                             | UNK 64       | UNK 85     | UNK 52       | UNK 83                     | UNK 65   | UNK 67 | UNK 82 | UNK 63 | UNK 64 |
| 1985 | UNK 50\ESE 60\UNK 57\UNK 51\UNK                          | 45\ NE 44\UNK 83\UNK 48\UNK                 | 42\UNK 50\UNK 42\UNK 44\        | UNK 63                             | UNK 64       | UNK 85     | UNK 52       | UNK 83                     | UNK 65   | UNK 67 | UNK 82 | UNK 63 | UNK 64 |
| 1986 | UNK 43\UNK 46\UNK 65\ NE 49\UNK 62\UNK                   | 54\UNK 40\ESE 44\UNK                        | 47\UNK 50\UNK 38\UNK 56\        | UNK 63                             | UNK 64       | UNK 85     | UNK 52       | UNK 83                     | UNK 65   | UNK 67 | UNK 82 | UNK 63 | UNK 64 |
| 1987 | UNK 60\UNK 70\ NE 57\UNK 62\UNK                          | 57\ MISS\WNW 52\UNK                         | 50\UNK 57\UNK 64\UNK 45\        | UNK 63                             | UNK 64       | UNK 85     | UNK 52       | UNK 83                     | UNK 65   | UNK 67 | UNK 82 | UNK 63 | UNK 64 |

MEAN 48.0 49.2 53.1 54.0 48.6 46.6 43.3 50.3 52.3 48.3 47.6 46.9 69.5

50. 6.052 8.492 5.680 6.945 7.856 8.224 10.135 11.368 16.312 11.677 9.360 4.656 9.755

TOT OBS 30 32 31 31 31 30 33 32 31 33 32 29 19

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
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YEAR/MONTHS WITH &lt; FULL NUMBER OF OBSERVATIONS

[illegible]

543323 YOKOSUKA, JAPAN  
 PERIOD OF RECORD : 1953-1987  
 LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
 MONTH : JAN

| MEAN TEMPERATURE |         |       |   | MAXIMUM TEMPERATURE |       |   |         | MINIMUM TEMPERATURE |   |         |       |     |         |       |
|------------------|---------|-------|---|---------------------|-------|---|---------|---------------------|---|---------|-------|-----|---------|-------|
| DAY              | AVERAGE |       | I | AVERAGE             |       | I | EXTREME |                     | I | AVERAGE |       | I   | EXTREME |       |
|                  | DEG F   | DEG C |   | DEG F               | DEG C |   | DEG F   | DEG C               |   | DEG F   | DEG C |     | DEG F   | DEG C |
| 1                | 44.3    | 6.8   |   | 50.4                | 10.2  |   | 67.0    | 19.4                |   | 1972.   | 38.1  | 3.4 | 29.0    | -1.7  |
| 2                | 43.4    | 6.3   |   | 49.7                | 9.9   |   | 64.0    | 17.8                |   | 1973.   | 37.0  | 2.8 | 30.0    | -1.1  |
| 3                | 42.4    | 5.8   |   | 47.9                | 8.8   |   | 58.0    | 14.4                |   | 1968.+  | 36.9  | 2.7 | 32.0    | .0    |
| 4                | 43.7    | 6.5   |   | 50.1                | 10.0  |   | 64.0    | 17.8                |   | 1980.   | 37.3  | 2.9 | 31.0    | -.6   |
| 5                | 44.1    | 6.7   |   | 50.7                | 10.4  |   | 67.0    | 19.4                |   | 1960.   | 37.5  | 3.1 | 29.0    | -1.7  |
| 6                | 43.0    | 6.1   |   | 49.1                | 9.5   |   | 61.0    | 16.1                |   | 1968.   | 36.8  | 2.7 | 28.0    | -2.2  |
| 7                | 43.1    | 6.2   |   | 49.7                | 9.9   |   | 60.0    | 15.6                |   | 1978.   | 36.5  | 2.5 | 30.0    | -1.1  |
| 8                | 43.0    | 6.1   |   | 49.3                | 9.6   |   | 61.0    | 16.1                |   | 1983.   | 36.8  | 2.7 | 30.0    | -1.1  |
| 9                | 43.1    | 6.2   |   | 49.6                | 9.8   |   | 62.0    | 16.7                |   | 1988.   | 36.6  | 2.5 | 29.0    | -1.7  |
| 10               | 43.7    | 6.5   |   | 50.6                | 10.4  |   | 65.0    | 18.3                |   | 1954.   | 36.7  | 2.6 | 31.0    | -.6   |
| 11               | 42.7    | 5.9   |   | 49.0                | 9.4   |   | 64.0    | 17.8                |   | 1966.   | 36.4  | 2.4 | 30.0    | -1.1  |
| 12               | 42.3    | 5.7   |   | 48.6                | 9.2   |   | 61.0    | 16.1                |   | 1982.   | 35.9  | 2.2 | 30.0    | -1.1  |
| 13               | 42.8    | 6.0   |   | 49.2                | 9.5   |   | 64.0    | 17.8                |   | 1964.   | 36.5  | 2.5 | 30.0    | -1.1  |
| 14               | 42.9    | 6.0   |   | 49.5                | 9.7   |   | 64.0    | 17.8                |   | 1964.   | 36.2  | 2.4 | 30.0    | -1.1  |
| 15               | 42.3    | 5.7   |   | 48.9                | 9.4   |   | 68.0    | 20.0                |   | 1957.   | 35.7  | 2.1 | 27.0    | -2.6  |
| 16               | 42.0    | 5.6   |   | 48.1                | 9.0   |   | 58.0    | 14.4                |   | 1978.   | 35.9  | 2.2 | 27.0    | -2.8  |
| 17               | 41.9    | 5.5   |   | 48.4                | 9.1   |   | 63.0    | 17.2                |   | 1987.+  | 35.4  | 1.9 | 25.0    | -3.9  |
| 18               | 41.5    | 5.3   |   | 47.6                | 8.7   |   | 61.0    | 16.1                |   | 1979.   | 35.4  | 1.9 | 28.0    | -2.2  |
| 19               | 42.0    | 5.6   |   | 48.7                | 9.3   |   | 61.0    | 16.1                |   | 1969.   | 35.3  | 1.8 | 30.0    | -1.1  |
| 20               | 42.5    | 5.8   |   | 48.4                | 9.1   |   | 62.0    | 16.7                |   | 1972.   | 36.6  | 2.5 | 29.0    | -1.7  |
| 21               | 42.1    | 5.6   |   | 48.4                | 9.1   |   | 58.0    | 13.3                |   | 1972.+  | 35.9  | 2.2 | 29.0    | -1.7  |
| 22               | 41.6    | 5.3   |   | 47.9                | 8.8   |   | 65.0    | 18.3                |   | 1967.   | 35.3  | 1.8 | 26.0    | -3.3  |
| 23               | 42.0    | 5.6   |   | 49.1                | 9.5   |   | 63.0    | 17.2                |   | 1987.+  | 34.9  | 1.6 | 28.0    | -2.2  |
| 24               | 42.0    | 5.6   |   | 48.6                | 9.2   |   | 63.0    | 17.2                |   | 1987.   | 35.5  | 1.9 | 29.0    | -1.7  |
| 25               | 42.5    | 5.9   |   | 49.5                | 9.7   |   | 65.0    | 18.3                |   | 1975.+  | 35.6  | 2.0 | 27.0    | -2.8  |
| 26               | 42.8    | 6.0   |   | 49.8                | 9.9   |   | 63.0    | 17.2                |   | 1977.   | 35.9  | 2.1 | 28.0    | -2.2  |
| 27               | 43.2    | 6.2   |   | 49.9                | 9.9   |   | 73.0    | 22.8                |   | 1969.   | 36.6  | 2.5 | 30.0    | -1.1  |
| 28               | 42.0    | 5.6   |   | 48.1                | 8.9   |   | 61.0    | 16.1                |   | 1980.   | 35.9  | 2.2 | 31.0    | -.6   |
| 29               | 41.7    | 5.4   |   | 47.9                | 8.8   |   | 63.0    | 17.2                |   | 1987.   | 35.6  | 2.0 | 30.0    | -1.1  |
| 30               | 42.4    | 5.8   |   | 48.8                | 9.3   |   | 60.0    | 18.9                |   | 1987.   | 35.9  | 2.2 | 28.0    | -2.2  |
| 31               | 41.9    | 5.5   |   | 48.1                | 9.0   |   | 58.0    | 14.4                |   | 1970.+  | 35.7  | 2.1 | 27.0    | -2.8  |
| MONTH            | 42.6    | 5.9   |   | 49.0                | 9.5   |   | 73.0    | 22.8                |   | 1969.   | 36.2  | 2.3 | 25.0    | -3.9  |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |
|                  |         |       |   |                     |       |   |         |                     |   |         |       |     |         |       |

NOTES :  
 T = TRACE AMOUNTS (<.01, OR <.5", OR < 1.0 INCHES)  
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : FEB

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).  
THIS SYMBOL COMMITTEE FOR SNOWFALL AND SNOW DEP

05 - DAILY AVERAGE/EXTREME TEMPERATURES

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : MAR

| DAY   | MEAN TEMPERATURE |       |      | MAXIMUM TEMPERATURE |       |      | MINIMUM TEMPERATURE |       |     | DATE | EXTREME |        |   | DATE |
|-------|------------------|-------|------|---------------------|-------|------|---------------------|-------|-----|------|---------|--------|---|------|
|       | AVERAGE          |       | I    | AVERAGE             |       | I    | AVERAGE             |       | I   |      | EXTREME |        | I |      |
|       | DEG F            | DEG C |      | DEG F               | DEG C |      | DEG F               | DEG C |     |      | DEG F   | DEG C  |   |      |
| 1     | 44.7             | 7.0   | 51.1 | 10.6                | 65.0  | 18.3 | 1966.               | 38.3  | 3.5 | 29.0 | -1.7    | 1957.  |   |      |
| 2     | 44.7             | 7.1   | 51.2 | 10.7                | 65.0  | 18.3 | 1966.               | 38.2  | 3.4 | 31.0 | -6      | 1975.+ |   |      |
| 3     | 45.3             | 7.4   | 52.1 | 11.2                | 67.0  | 19.4 | 1961.+              | 38.4  | 3.6 | 32.0 | .0      | 1982.  |   |      |
| 4     | 45.2             | 7.3   | 51.7 | 10.9                | 66.0  | 18.9 | 1974.+              | 38.8  | 3.8 | 30.0 | -1.1    | 1969.  |   |      |
| 5     | 45.2             | 7.3   | 51.8 | 11.0                | 69.0  | 20.6 | 1966.               | 38.6  | 3.7 | 30.0 | -1.1    | 1977.  |   |      |
| 6     | 44.3             | 6.8   | 50.8 | 10.4                | 64.0  | 17.8 | 1987.               | 37.9  | 3.3 | 28.0 | -2.2    | 1977.  |   |      |
| 7     | 44.6             | 7.0   | 51.0 | 10.6                | 63.0  | 17.2 | 1976.               | 38.1  | 3.4 | 30.0 | -1.1    | 1971.  |   |      |
| 8     | 45.6             | 7.6   | 52.2 | 11.2                | 63.0  | 17.2 | 1986.               | 39.1  | 3.9 | 29.0 | -1.7    | 1971.  |   |      |
| 9     | 46.7             | 8.2   | 52.9 | 11.6                | 68.0  | 20.0 | 1985.               | 40.4  | 4.7 | 31.0 | -6      | 1971.  |   |      |
| 10    | 46.7             | 8.2   | 52.8 | 11.5                | 63.0  | 17.2 | 1986.+              | 40.7  | 4.8 | 33.0 | -6      | 1971.+ |   |      |
| 11    | 45.7             | 7.6   | 52.4 | 11.3                | 67.0  | 19.4 | 1953.               | 39.0  | 3.9 | 31.0 | -6      | 1971.  |   |      |
| 12    | 46.1             | 7.8   | 52.7 | 11.5                | 69.0  | 20.6 | 1960.               | 39.5  | 4.2 | 32.0 | .0      | 1969.+ |   |      |
| 13    | 46.2             | 7.9   | 53.2 | 11.8                | 69.0  | 20.6 | 1955.               | 39.3  | 4.0 | 30.0 | -1.1    | 1957.  |   |      |
| 14    | 45.3             | 7.4   | 51.9 | 11.1                | 65.0  | 18.3 | 1958.               | 38.7  | 3.7 | 30.0 | -1.1    | 1974.  |   |      |
| 15    | 46.6             | 8.1   | 53.3 | 11.8                | 66.0  | 18.9 | 1977.               | 39.9  | 4.4 | 32.0 | .0      | 1984.  |   |      |
| 16    | 47.8             | 8.8   | 54.4 | 12.4                | 69.0  | 20.6 | 1966.               | 41.3  | 5.2 | 34.0 | 1.1     | 1984.+ |   |      |
| 17    | 47.7             | 8.7   | 54.0 | 12.2                | 68.0  | 20.0 | 1956.               | 41.4  | 5.2 | 33.0 | .6      | 1953.  |   |      |
| 18    | 48.4             | 9.1   | 55.8 | 13.2                | 67.0  | 19.4 | 1961.               | 41.1  | 5.1 | 32.0 | .0      | 1970.  |   |      |
| 19    | 48.6             | 9.2   | 56.1 | 13.4                | 68.0  | 20.0 | 1956.               | 41.1  | 5.1 | 34.0 | 1.1     | 1984.+ |   |      |
| 20    | 49.6             | 9.8   | 56.4 | 13.5                | 68.0  | 20.0 | 1987.               | 42.8  | 6.0 | 32.0 | .0      | 1984.  |   |      |
| 21    | 49.8             | 9.9   | 56.6 | 13.7                | 68.0  | 20.0 | 1963.               | 43.1  | 6.2 | 32.0 | .0      | 1984.  |   |      |
| 22    | 48.5             | 9.2   | 55.5 | 13.1                | 66.0  | 18.9 | 1982.               | 41.5  | 5.3 | 32.0 | .0      | 1984.  |   |      |
| 23    | 48.2             | 9.0   | 55.4 | 13.0                | 66.0  | 18.9 | 1982.               | 41.1  | 5.0 | 34.0 | 1.1     | 1986.+ |   |      |
| 24    | 48.9             | 9.4   | 55.7 | 13.2                | 68.0  | 20.0 | 1987.+              | 42.0  | 5.6 | 34.0 | 1.1     | 1970.+ |   |      |
| 25    | 49.0             | 9.4   | 56.0 | 13.3                | 66.0  | 20.0 | 1956.               | 42.0  | 5.6 | 33.0 | .6      | 1970.  |   |      |
| 26    | 49.6             | 9.8   | 56.5 | 13.6                | 68.0  | 20.0 | 1985.+              | 42.7  | 5.9 | 34.0 | 1.1     | 1961.  |   |      |
| 27    | 49.6             | 9.8   | 56.8 | 13.8                | 70.0  | 21.1 | 1969.               | 42.5  | 5.8 | 32.0 | .0      | 1957.  |   |      |
| 28    | 49.7             | 9.9   | 56.0 | 13.3                | 67.0  | 19.4 | 1954.               | 43.5  | 6.4 | 35.0 | 1.7     | 1974.+ |   |      |
| 29    | 51.3             | 10.7  | 58.5 | 14.7                | 72.0  | 22.2 | 1979.               | 44.0  | 6.7 | 32.0 | .0      | 1958.  |   |      |
| 30    | 53.1             | 11.7  | 59.7 | 15.4                | 70.0  | 21.1 | 1980.+              | 46.4  | 8.0 | 31.0 | -6      | 1958.  |   |      |
| 31    | 52.8             | 11.6  | 59.6 | 15.3                | 70.0  | 21.1 | 1979.               | 46.0  | 7.8 | 33.0 | .6      | 1958.  |   |      |
| MONTH | 47.6             | 8.7   | 54.3 | 12.4                | 72.0  | 22.2 | 1979.               | 40.9  | 4.9 | 28.0 | -2.2    | 1977.  |   |      |

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : APR

| MEAN TEMPERATURE |         |       | MAXIMUM TEMPERATURE |         |       | MINIMUM TEMPERATURE |         |       |      |       |         |        |      |
|------------------|---------|-------|---------------------|---------|-------|---------------------|---------|-------|------|-------|---------|--------|------|
| DAY              | AVERAGE |       | DEG F               | AVERAGE |       | DEG F               | EXTREME |       | DATE | DEG F | EXTREME |        | DATE |
|                  | DEG F   | DEG C |                     | DEG F   | DEG C |                     | DEG F   | DEG C |      |       | DEG F   | DEG C  |      |
| 1                | 51.7    | 10.9  | 58.3                | 14.6    | 73.0  | 22.8                | 1973.   | 45.1  | 7.3  | 36.0  | 2.2     | 1985.+ |      |
| 2                | 51.4    | 10.8  | 57.8                | 14.3    | 69.0  | 20.6                | 1961.   | 44.9  | 7.2  | 37.1  | 2.8     | 1984.+ |      |
| 3                | 51.7    | 10.9  | 58.2                | 14.5    | 68.0  | 20.0                | 1954.   | 45.1  | 7.3  | 36.0  | 2.2     | 1984.  |      |
| 4                | 52.7    | 11.5  | 59.1                | 15.0    | 72.0  | 22.0                | 1987.   | 46.3  | 7.9  | 38.0  | 3.3     | 1965.  |      |
| 5                | 54.2    | 12.3  | 61.3                | 16.3    | 72.0  | 22.2                | 1987.+  | 47.1  | 8.4  | 38.0  | 3.3     | 1955.  |      |
| 6                | 55.6    | 13.1  | 63.3                | 17.4    | 71.0  | 21.7                | 1975.   | 47.9  | 8.8  | 38.0  | 3.3     | 1965.  |      |
| 7                | 55.6    | 13.1  | 62.5                | 16.9    | 71.0  | 21.7                | 1954.   | 48.7  | 9.3  | 39.0  | 3.9     | 1984.  |      |
| 8                | 54.8    | 12.7  | 61.0                | 16.1    | 79.0  | 26.1                | 1987.   | 48.6  | 9.2  | 39.0  | 3.9     | 1986.+ |      |
| 9                | 56.1    | 13.4  | 62.7                | 17.0    | 73.0  | 22.8                | 1979.   | 49.5  | 9.7  | 39.0  | 3.9     | 1984.+ |      |
| 10               | 55.6    | 13.1  | 61.7                | 16.5    | 70.0  | 21.1                | 1985.+  | 49.5  | 9.7  | 40.0  | 4.4     | 1972.  |      |
| 11               | 55.5    | 13.0  | 62.5                | 16.9    | 74.0  | 23.3                | 1955.   | 48.5  | 9.2  | 39.0  | 3.9     | 1963.  |      |
| 12               | 55.1    | 12.8  | 61.3                | 16.3    | 74.0  | 23.3                | 1955.   | 48.8  | 9.3  | 36.0  | 2.2     | 1965.  |      |
| 13               | 55.5    | 13.1  | 61.6                | 16.4    | 73.0  | 22.8                | 1955.   | 49.5  | 9.7  | 42.0  | 5.6     | 1953.  |      |
| 14               | 57.1    | 13.9  | 64.2                | 17.9    | 74.0  | 23.3                | 1969.   | 49.9  | 10.0 | 43.0  | 6.1     | 1987.+ |      |
| 15               | 57.1    | 13.9  | 63.5                | 17.5    | 77.0  | 25.0                | 1969.   | 50.7  | 10.4 | 42.0  | 5.6     | 1967.+ |      |
| 16               | 57.3    | 14.1  | 63.5                | 17.5    | 75.0  | 23.9                | 1966.   | 51.2  | 10.7 | 39.0  | 3.9     | 1967.  |      |
| 17               | 57.5    | 14.1  | 64.7                | 18.1    | 77.0  | 25.0                | 1956.   | 50.3  | 10.1 | 34.0  | 1.1     | 1969.  |      |
| 18               | 56.8    | 13.8  | 63.7                | 17.6    | 81.0  | 27.2                | 1964.   | 50.0  | 10.0 | 40.0  | 4.4     | 1953.  |      |
| 19               | 56.0    | 13.3  | 62.4                | 16.9    | 75.0  | 23.9                | 1987.   | 49.5  | 9.7  | 41.0  | 5.0     | 1984.  |      |
| 20               | 58.5    | 14.7  | 65.2                | 18.5    | 75.0  | 23.9                | 1987.+  | 51.8  | 11.0 | 41.0  | 5.0     | 1984.  |      |
| 21               | 58.6    | 14.8  | 65.1                | 18.4    | 73.0  | 22.8                | 1987.+  | 52.1  | 11.1 | 44.0  | 6.7     | 1975.+ |      |
| 22               | 58.4    | 14.7  | 64.5                | 18.1    | 79.0  | 26.1                | 1958.   | 52.3  | 11.3 | 44.0  | 6.7     | 1979.+ |      |
| 23               | 59.0    | 15.0  | 65.6                | 18.7    | 75.0  | 23.9                | 1981.+  | 52.4  | 11.3 | 44.0  | 6.7     | 1975.+ |      |
| 24               | 60.2    | 15.7  | 67.0                | 19.4    | 77.0  | 25.0                | 1985.   | 53.3  | 11.9 | 45.0  | 7.2     | 1984.  |      |
| 25               | 60.3    | 15.7  | 67.0                | 19.5    | 77.0  | 25.0                | 1983.   | 53.6  | 12.0 | 46.0  | 7.8     | 1985.+ |      |
| 26               | 61.4    | 16.4  | 68.5                | 20.3    | 77.0  | 25.0                | 1986.+  | 54.4  | 12.4 | 46.0  | 7.8     | 1987.+ |      |
| 27               | 60.9    | 16.0  | 67.4                | 19.7    | 75.0  | 23.9                | 1976.   | 54.3  | 12.4 | 45.0  | 7.2     | 1954.  |      |
| 28               | 60.7    | 16.0  | 67.3                | 19.6    | 77.0  | 25.0                | 1975.+  | 54.1  | 12.3 | 48.0  | 8.9     | 1979.+ |      |
| 29               | 60.8    | 16.0  | 67.1                | 19.5    | 76.0  | 24.4                | 1972.   | 54.5  | 12.5 | 42.0  | 5.6     | 1965.  |      |
| 30               | 61.3    | 16.3  | 67.9                | 20.0    | 76.0  | 24.4                | 1973.   | 54.6  | 12.6 | 43.0  | 6.1     | 1965.  |      |
| MONTH            | 56.9    | 13.8  | 63.5                | 17.5    | 81.0  | 27.2                | 1964.   | 50.3  | 10.2 | 34.0  | 1.1     | 1969.  |      |

NOTES :

T = TRACE AMOUNTS (&lt;.01, OR &lt;.5, OR &lt; 1.0 INCHES)

\* = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0



## 29 - DAILY AVERAGE/EXTREME TEMPERATURES

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : MAY

| MEAN TEMPERATURE |         |       | MAXIMUM TEMPERATURE |         |       | MINIMUM TEMPERATURE |         |       |
|------------------|---------|-------|---------------------|---------|-------|---------------------|---------|-------|
| DAY              | AVERAGE |       | AVERAGE             | EXTREME |       | AVERAGE             | EXTREME |       |
|                  | DEG F   | DEG C |                     | DEG F   | DEG C |                     | DEG F   | DEG C |
| 1                | 62.0    | 16.7  | 68.7                | 20.4    | 77.0  | 25.0                | 1985.+  | 55.4  |
| 2                | 62.3    | 16.9  | 68.9                | 20.5    | 86.0  | 30.0                | 1985.   | 55.8  |
| 3                | 62.3    | 16.8  | 68.9                | 20.5    | 78.0  | 25.6                | 1969.   | 55.7  |
| 4                | 62.3    | 16.8  | 68.7                | 20.4    | 79.0  | 26.1                | 1985.   | 55.8  |
| 5                | 62.9    | 17.2  | 69.0                | 20.6    | 80.0  | 26.7                | 1959.   | 56.8  |
| 6                | 62.7    | 17.1  | 69.3                | 20.7    | 76.0  | 24.4                | 1977.+  | 56.2  |
| 7                | 61.4    | 16.4  | 67.4                | 19.7    | 77.0  | 25.0                | 1987.+  | 55.5  |
| 8                | 63.5    | 17.5  | 70.3                | 21.3    | 81.0  | 27.2                | 1986.   | 56.7  |
| 9                | 64.2    | 17.9  | 70.5                | 21.4    | 84.0  | 28.9                | 1969.   | 58.0  |
| 10               | 64.4    | 18.0  | 71.0                | 21.7    | 81.0  | 27.2                | 1987.   | 57.8  |
| 11               | 64.7    | 18.2  | 70.9                | 21.6    | 81.0  | 27.2                | 1982.+  | 58.5  |
| 12               | 64.3    | 18.0  | 70.8                | 21.6    | 79.0  | 26.1                | 1982.   | 57.8  |
| 13               | 64.9    | 18.3  | 71.5                | 21.9    | 81.0  | 27.2                | 1982.   | 58.4  |
| 14               | 63.8    | 17.7  | 70.0                | 21.1    | 80.0  | 26.7                | 1980.   | 57.5  |
| 15               | 63.9    | 17.7  | 70.0                | 21.1    | 78.0  | 25.6                | 1973.   | 57.7  |
| 16               | 63.3    | 17.4  | 69.2                | 20.7    | 78.0  | 25.6                | 1964.   | 57.3  |
| 17               | 63.6    | 17.5  | 70.1                | 21.1    | 79.0  | 26.1                | 1983.+  | 57.1  |
| 18               | 65.1    | 18.4  | 72.0                | 22.2    | 83.0  | 28.3                | 1974.   | 58.2  |
| 19               | 64.8    | 18.2  | 70.9                | 21.6    | 79.0  | 26.1                | 1974.+  | 58.7  |
| 20               | 64.4    | 18.0  | 70.3                | 21.3    | 82.0  | 27.8                | 1987.   | 58.5  |
| 21               | 65.6    | 18.7  | 72.6                | 22.6    | 86.0  | 30.0                | 1987.   | 58.6  |
| 22               | 65.6    | 18.6  | 71.8                | 22.1    | 82.0  | 27.8                | 1983.   | 59.3  |
| 23               | 64.9    | 18.3  | 70.9                | 21.6    | 81.0  | 27.2                | 1981.   | 58.9  |
| 24               | 65.0    | 18.3  | 71.1                | 21.7    | 78.0  | 25.6                | 1979.+  | 58.8  |
| 25               | 66.1    | 18.9  | 72.7                | 22.6    | 82.0  | 27.8                | 1963.   | 59.5  |
| 26               | 67.1    | 19.5  | 73.7                | 23.2    | 81.0  | 27.2                | 1971.   | 60.4  |
| 27               | 67.1    | 19.5  | 73.6                | 23.1    | 80.0  | 26.7                | 1961.   | 60.6  |
| 28               | 67.2    | 19.5  | 73.2                | 22.9    | 80.0  | 26.7                | 1978.   | 61.2  |
| 29               | 67.1    | 19.5  | 72.9                | 22.7    | 80.0  | 26.7                | 1980.+  | 61.3  |
| 30               | 67.2    | 19.6  | 72.9                | 22.7    | 82.0  | 27.8                | 1982.   | 61.5  |
| 31               | 67.6    | 19.8  | 74.0                | 23.3    | 90.0  | 32.2                | 1987.   | 61.2  |
| MONTH            | 64.6    | 18.1  | 70.9                | 21.6    | 90.0  | 32.2                | 1987.   | 58.7  |
|                  |         |       |                     |         |       |                     |         | 14.6  |
|                  |         |       |                     |         |       |                     |         | 45.0  |
|                  |         |       |                     |         |       |                     |         | 7.2   |
|                  |         |       |                     |         |       |                     |         | 1953. |

## NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JUN

| MEAN TEMPERATURE |         |       |   | MAXIMUM TEMPERATURE |       |   |         | MINIMUM TEMPERATURE |   |         |       |      |         |       |      |      |        |
|------------------|---------|-------|---|---------------------|-------|---|---------|---------------------|---|---------|-------|------|---------|-------|------|------|--------|
| DAY              | AVERAGE |       | I | AVERAGE             |       | I | EXTREME |                     | I | AVERAGE |       | I    | EXTREME |       | I    |      |        |
|                  | DEG F   | DEG C |   | DEG F               | DEG C |   | DEG F   | DEG C               |   | DEG F   | DEG C |      | DEG F   | DEG C |      |      |        |
| 1                | 68.3    | 20.2  |   | 74.6                | 23.7  |   | 84.0    | 28.9                |   | 1986.   |       | 62.0 | 16.7    |       | 56.0 | 13.3 | 1966.  |
| 2                | 68.6    | 20.3  |   | 74.4                | 23.5  |   | 83.0    | 28.3                |   | 1976.   |       | 62.9 | 17.1    |       | 55.0 | 12.8 | 1966.+ |
| 3                | 67.7    | 19.9  |   | 73.4                | 23.0  |   | 81.0    | 27.2                |   | 1977.   |       | 62.1 | 16.7    |       | 54.0 | 12.2 | 1966.  |
| 4                | 67.0    | 19.5  |   | 72.0                | 22.2  |   | 81.0    | 27.2                |   | 1985.+  |       | 62.0 | 16.7    |       | 55.0 | 12.8 | 1966.  |
| 5                | 67.9    | 19.9  |   | 74.0                | 23.3  |   | 82.0    | 27.8                |   | 1985.   |       | 61.7 | 16.5    |       | 55.0 | 12.8 | 1983.  |
| 6                | 68.7    | 20.4  |   | 75.0                | 23.9  |   | 88.0    | 31.1                |   | 1985.   |       | 62.5 | 16.9    |       | 52.0 | 11.1 | 1963.  |
| 7                | 68.1    | 20.1  |   | 74.1                | 23.4  |   | 82.0    | 27.8                |   | 1985.   |       | 62.1 | 16.7    |       | 51.0 | 10.6 | 1963.  |
| 8                | 68.6    | 20.3  |   | 74.5                | 23.6  |   | 81.0    | 27.2                |   | 1986.+  |       | 62.6 | 17.0    |       | 54.0 | 12.2 | 1969.+ |
| 9                | 69.6    | 20.9  |   | 75.1                | 23.9  |   | 82.0    | 27.8                |   | 1953.   |       | 64.1 | 17.8    |       | 57.0 | 13.9 | 1963.+ |
| 10               | 69.2    | 20.7  |   | 74.8                | 23.8  |   | 83.0    | 28.3                |   | 1972.   |       | 63.6 | 17.6    |       | 54.0 | 12.2 | 1966.+ |
| 11               | 68.6    | 20.4  |   | 73.6                | 23.1  |   | 84.0    | 28.9                |   | 1972.   |       | 63.6 | 17.6    |       | 54.0 | 12.2 | 1966.+ |
| 12               | 68.0    | 20.0  |   | 72.9                | 22.7  |   | 84.0    | 28.9                |   | 1982.   |       | 63.0 | 17.2    |       | 53.0 | 11.7 | 1966.  |
| 13               | 68.7    | 20.4  |   | 73.8                | 23.2  |   | 82.0    | 27.8                |   | 1986.+  |       | 63.6 | 17.6    |       | 55.0 | 12.8 | 1966.  |
| 14               | 68.9    | 20.5  |   | 74.2                | 23.5  |   | 83.0    | 28.3                |   | 1980.   |       | 63.5 | 17.5    |       | 55.0 | 12.8 | 1985.  |
| 15               | 69.4    | 20.8  |   | 75.2                | 24.0  |   | 82.0    | 27.8                |   | 1980.+  |       | 63.6 | 17.6    |       | 54.0 | 12.2 | 1985.  |
| 16               | 69.9    | 21.1  |   | 75.4                | 24.1  |   | 86.0    | 30.0                |   | 1980.   |       | 64.5 | 18.1    |       | 55.0 | 12.8 | 1985.  |
| 17               | 70.3    | 21.3  |   | 75.3                | 24.1  |   | 84.0    | 28.9                |   | 1979.   |       | 65.3 | 18.5    |       | 55.0 | 12.8 | 1985.  |
| 18               | 70.7    | 21.5  |   | 75.3                | 24.1  |   | 87.0    | 30.6                |   | 1956.   |       | 66.1 | 18.9    |       | 59.0 | 15.0 | 1985.  |
| 19               | 70.6    | 21.4  |   | 75.9                | 24.4  |   | 86.0    | 30.0                |   | 1984.   |       | 65.2 | 18.5    |       | 57.0 | 13.9 | 1981.  |
| 20               | 70.7    | 21.5  |   | 75.9                | 24.4  |   | 86.0    | 30.0                |   | 1986.   |       | 65.5 | 18.6    |       | 55.0 | 12.8 | 1981.  |
| 21               | 70.5    | 21.4  |   | 75.0                | 23.9  |   | 84.0    | 28.9                |   | 1972.   |       | 65.9 | 18.8    |       | 55.0 | 12.8 | 1981.  |
| 22               | 70.4    | 21.3  |   | 74.9                | 23.8  |   | 83.0    | 28.3                |   | 1979.+  |       | 65.9 | 18.8    |       | 55.0 | 12.8 | 1981.  |
| 23               | 70.6    | 21.5  |   | 75.6                | 24.2  |   | 86.0    | 30.0                |   | 1981.   |       | 65.7 | 18.7    |       | 57.0 | 13.9 | 1954.  |
| 24               | 71.2    | 21.8  |   | 76.7                | 24.8  |   | 89.0    | 31.7                |   | 1979.   |       | 65.7 | 18.7    |       | 57.0 | 13.9 | 1954.  |
| 25               | 71.7    | 22.1  |   | 76.8                | 24.9  |   | 93.0    | 33.9                |   | 1979.   |       | 66.7 | 19.3    |       | 61.0 | 16.1 | 1962.+ |
| 26               | 71.9    | 22.1  |   | 76.9                | 25.0  |   | 88.0    | 31.1                |   | 1986.   |       | 66.8 | 19.3    |       | 59.0 | 15.0 | 1982.  |
| 27               | 71.1    | 21.7  |   | 75.7                | 24.3  |   | 83.0    | 28.3                |   | 1980.+  |       | 66.4 | 19.1    |       | 57.0 | 13.9 | 1982.  |
| 28               | 71.4    | 21.9  |   | 76.2                | 24.6  |   | 84.0    | 28.9                |   | 1971.+  |       | 66.6 | 19.2    |       | 61.0 | 16.1 | 1983.+ |
| 29               | 71.9    | 22.2  |   | 76.6                | 24.8  |   | 87.0    | 30.6                |   | 1955.   |       | 67.2 | 19.6    |       | 61.0 | 16.1 | 1986.+ |
| 30               | 72.2    | 22.4  |   | 76.9                | 25.0  |   | 86.0    | 30.0                |   | 1965.   |       | 67.5 | 19.7    |       | 57.0 | 13.9 | 1976.  |
| MONTH            | 69.7    | 21.0  |   | 75.0                | 23.9  |   | 93.0    | 33.9                |   | 1979.   |       | 64.5 | 18.0    |       | 51.0 | 10.6 | 1963.  |

NOTES :

Y = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

UJ43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : JUL

| MEAN TEMPERATURE |         |       |   | MAXIMUM TEMPERATURE |       |   |         | MINIMUM TEMPERATURE |        |         |       |   |         |       |
|------------------|---------|-------|---|---------------------|-------|---|---------|---------------------|--------|---------|-------|---|---------|-------|
| DAY              | AVERAGE |       | I | AVERAGE             |       | I | EXTREME |                     | I      | AVERAGE |       | I | EXTREME |       |
|                  | DEG F   | DEG C |   | DEG F               | DEG C |   | DEG F   | DEG C               |        | DEG F   | DEG C |   | DEG F   | DEG C |
| 1                | 72.3    | 22.4  |   | 76.8                | 24.9  |   | 88.0    | 31.1                | 1985.+ | 67.7    | 19.9  |   | 56.0    | 13.3  |
| 2                | 72.7    | 22.6  |   | 77.7                | 25.4  |   | 86.0    | 30.0                | 1977.+ | 67.7    | 19.9  |   | 58.0    | 14.4  |
| 3                | 72.7    | 22.6  |   | 77.7                | 25.4  |   | 89.0    | 31.7                | 1964.  | 67.7    | 19.8  |   | 57.0    | 13.9  |
| 4                | 73.4    | 23.0  |   | 78.5                | 25.8  |   | 95.0    | 35.0                | 1984.  | 68.4    | 20.2  |   | 58.0    | 14.4  |
| 5                | 73.2    | 22.9  |   | 78.1                | 25.6  |   | 91.0    | 32.8                | 1984.  | 68.4    | 20.2  |   | 59.0    | 15.0  |
| 6                | 73.8    | 23.2  |   | 78.9                | 26.0  |   | 91.0    | 32.8                | 1986.  | 68.8    | 20.4  |   | 61.0    | 16.1  |
| 7                | 74.2    | 23.5  |   | 79.0                | 26.1  |   | 93.0    | 33.9                | 1987.  | 69.5    | 20.8  |   | 60.0    | 15.6  |
| 8                | 74.3    | 23.5  |   | 79.1                | 26.1  |   | 89.0    | 31.7                | 1978.+ | 69.6    | 20.9  |   | 60.0    | 15.6  |
| 9                | 74.7    | 23.7  |   | 80.3                | 26.8  |   | 90.0    | 32.2                | 1986.  | 69.1    | 20.6  |   | 61.0    | 16.1  |
| 10               | 74.8    | 23.8  |   | 79.7                | 26.5  |   | 93.0    | 33.9                | 1987.  | 70.0    | 21.1  |   | 63.0    | 17.2  |
| 11               | 74.5    | 23.6  |   | 79.1                | 26.2  |   | 88.0    | 31.1                | 1987.  | 69.8    | 21.0  |   | 61.0    | 16.1  |
| 12               | 75.6    | 24.2  |   | 80.9                | 27.2  |   | 88.0    | 31.1                | 1982.+ | 70.3    | 21.3  |   | 61.0    | 16.1  |
| 13               | 75.4    | 24.1  |   | 80.5                | 26.9  |   | 90.0    | 32.2                | 1984.  | 70.4    | 21.3  |   | 61.0    | 16.1  |
| 14               | 77.1    | 25.0  |   | 83.0                | 28.3  |   | 92.0    | 33.3                | 1977.  | 71.2    | 21.8  |   | 63.0    | 17.2  |
| 15               | 77.3    | 25.1  |   | 83.1                | 28.4  |   | 91.0    | 32.8                | 1987.  | 71.4    | 21.9  |   | 61.0    | 16.1  |
| 16               | 76.8    | 24.9  |   | 82.2                | 27.9  |   | 91.0    | 32.8                | 1984.  | 71.5    | 21.9  |   | 64.0    | 17.8  |
| 17               | 76.8    | 24.9  |   | 81.9                | 27.7  |   | 91.0    | 32.8                | 1984.+ | 71.8    | 22.1  |   | 66.0    | 18.9  |
| 18               | 76.9    | 24.9  |   | 82.5                | 28.1  |   | 93.0    | 33.9                | 1986.+ | 71.3    | 21.8  |   | 65.0    | 18.3  |
| 19               | 76.8    | 24.9  |   | 82.1                | 27.8  |   | 95.0    | 35.0                | 1986.  | 71.5    | 21.9  |   | 65.0    | 18.3  |
| 20               | 76.8    | 24.9  |   | 81.8                | 27.7  |   | 91.0    | 32.8                | 1985.  | 71.8    | 22.1  |   | 63.0    | 17.2  |
| 21               | 77.0    | 25.0  |   | 82.2                | 27.9  |   | 90.0    | 32.2                | 1985.  | 71.8    | 22.1  |   | 65.0    | 18.3  |
| 22               | 78.0    | 25.6  |   | 83.5                | 28.6  |   | 90.0    | 32.2                | 1985.+ | 72.6    | 22.5  |   | 64.0    | 17.8  |
| 23               | 78.1    | 25.6  |   | 83.6                | 28.7  |   | 91.0    | 32.8                | 1986.  | 72.6    | 22.6  |   | 63.0    | 17.2  |
| 24               | 78.5    | 25.9  |   | 84.0                | 28.9  |   | 92.0    | 33.3                | 1978.  | 73.1    | 22.8  |   | 67.0    | 19.4  |
| 25               | 79.2    | 26.2  |   | 84.9                | 29.4  |   | 100.0   | 37.8                | 1987.  | 73.5    | 23.0  |   | 69.0    | 20.6  |
| 26               | 79.2    | 26.2  |   | 84.7                | 29.3  |   | 97.0    | 36.1                | 1987.  | 73.8    | 23.2  |   | 68.0    | 20.0  |
| 27               | 79.7    | 26.5  |   | 85.3                | 29.6  |   | 97.0    | 36.1                | 1987.  | 74.1    | 23.4  |   | 68.0    | 20.0  |
| 28               | 79.6    | 26.5  |   | 85.1                | 29.5  |   | 91.0    | 32.8                | 1987.+ | 74.1    | 23.4  |   | 66.0    | 18.9  |
| 29               | 80.6    | 27.0  |   | 86.5                | 30.3  |   | 99.0    | 37.2                | 1987.  | 74.7    | 23.7  |   | 69.0    | 20.6  |
| 30               | 80.9    | 27.2  |   | 86.7                | 30.4  |   | 95.0    | 35.0                | 1985.  | 75.1    | 23.9  |   | 70.0    | 21.1  |
| 31               | 80.9    | 27.2  |   | 87.0                | 30.5  |   | 93.0    | 33.9                | 1987.+ | 74.8    | 23.8  |   | 68.0    | 20.0  |
| MONTH            | 76.5    | 24.7  |   | 81.8                | 27.7  |   | 100.0   | 37.8                | 1987.  | 71.2    | 21.8  |   | 56.0    | 13.3  |
|                  |         |       |   |                     |       |   |         |                     |        |         |       |   |         | 1976. |

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

\* = VALUE OCCURRED IN PREVIOUS YEAR(S).  
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : AUG

| MEAN TEMPERATURE |         |       | MAXIMUM TEMPERATURE |         |       | EXTREME |         |       | MINIMUM TEMPERATURE |         |       |
|------------------|---------|-------|---------------------|---------|-------|---------|---------|-------|---------------------|---------|-------|
| DAY              | AVERAGE |       | AVERAGE             | AVERAGE |       | EXTREME | EXTREME |       | AVERAGE             | EXTREME |       |
|                  | DEG F   | DEG C |                     | DEG F   | DEG C |         | DEG F   | DEG C |                     | DEG F   | DEG C |
| 1                | 80.5    | 26.9  | 85.9                | 29.9    | 29.9  | 95.0    | 35.0    | 1986. | 75.1                | 23.9    | 20.0  |
| 2                | 80.1    | 26.7  | 85.7                | 29.8    | 29.8  | 92.0    | 33.3    | 1956. | 74.5                | 23.6    | 18.9  |
| 3                | 79.8    | 26.5  | 85.3                | 29.6    | 29.6  | 93.0    | 33.9    | 1977. | 74.3                | 23.5    | 17.8  |
| 4                | 79.9    | 26.6  | 85.5                | 29.7    | 29.7  | 93.0    | 33.9    | 1984. | 74.4                | 23.5    | 18.9  |
| 5                | 80.6    | 27.0  | 86.4                | 30.2    | 30.2  | 93.0    | 33.9    | 1986. | 74.9                | 23.8    | 18.9  |
| 6                | 80.3    | 26.8  | 86.5                | 30.3    | 30.3  | 97.0    | 36.1    | 1984. | 74.1                | 23.4    | 18.3  |
| 7                | 80.0    | 26.7  | 85.8                | 29.9    | 29.9  | 99.0    | 37.2    | 1984. | 74.2                | 23.5    | 18.9  |
| 8                | 80.3    | 26.8  | 86.2                | 30.1    | 30.1  | 95.0    | 35.0    | 1984. | 74.4                | 23.6    | 18.9  |
| 9                | 80.4    | 26.9  | 86.4                | 30.2    | 30.2  | 95.0    | 35.0    | 1986. | 74.3                | 23.5    | 18.3  |
| 10               | 80.2    | 26.8  | 86.0                | 30.0    | 30.0  | 93.0    | 33.9    | 1987. | 74.4                | 23.6    | 18.9  |
| 11               | 79.8    | 26.6  | 85.5                | 29.7    | 29.7  | 91.0    | 32.8    | 1986. | 74.2                | 23.4    | 18.9  |
| 12               | 80.9    | 27.2  | 87.0                | 30.6    | 30.6  | 95.0    | 35.0    | 1987. | 74.8                | 23.8    | 18.9  |
| 13               | 81.0    | 27.2  | 87.3                | 30.7    | 30.7  | 94.0    | 34.4    | 1969. | 74.7                | 23.7    | 18.9  |
| 14               | 80.0    | 26.7  | 85.9                | 30.0    | 30.0  | 93.0    | 33.9    | 1984. | 74.2                | 23.4    | 17.2  |
| 15               | 79.6    | 26.4  | 84.8                | 29.3    | 29.3  | 95.0    | 35.0    | 1987. | 74.4                | 23.5    | 18.3  |
| 16               | 79.9    | 26.6  | 85.4                | 29.7    | 29.7  | 97.0    | 36.1    | 1986. | 74.5                | 23.6    | 20.0  |
| 17               | 80.3    | 26.8  | 85.7                | 29.8    | 29.8  | 97.0    | 36.1    | 1987. | 74.9                | 23.8    | 20.6  |
| 18               | 80.3    | 26.8  | 85.8                | 29.9    | 29.9  | 96.0    | 35.6    | 1953. | 74.8                | 23.8    | 20.0  |
| 19               | 79.9    | 26.6  | 85.3                | 29.6    | 29.6  | 95.0    | 35.0    | 1984. | 74.5                | 23.6    | 20.0  |
| 20               | 80.2    | 26.8  | 85.5                | 29.7    | 29.7  | 97.0    | 36.1    | 1987. | 74.8                | 23.8    | 19.4  |
| 21               | 80.0    | 26.7  | 85.3                | 29.6    | 29.6  | 97.0    | 36.1    | 1987. | 74.6                | 23.7    | 20.6  |
| 22               | 79.6    | 26.4  | 84.9                | 29.4    | 29.4  | 99.0    | 37.2    | 1987. | 74.3                | 23.5    | 17.8  |
| 23               | 78.8    | 26.0  | 84.1                | 29.0    | 29.0  | 93.0    | 33.9    | 1978. | 73.5                | 23.0    | 16.7  |
| 24               | 78.4    | 25.8  | 84.0                | 28.9    | 28.9  | 95.0    | 35.0    | 1978. | 72.8                | 22.7    | 18.3  |
| 25               | 77.5    | 25.3  | 82.6                | 28.1    | 28.1  | 91.0    | 32.8    | 1967. | 72.4                | 22.5    | 17.2  |
| 26               | 77.5    | 25.3  | 82.6                | 28.1    | 28.1  | 99.0    | 37.2    | 1987. | 72.5                | 22.5    | 17.2  |
| 27               | 78.5    | 25.8  | 83.9                | 28.9    | 28.9  | 97.0    | 36.1    | 1987. | 73.0                | 22.8    | 17.2  |
| 28               | 79.1    | 26.2  | 85.0                | 29.5    | 29.5  | 95.0    | 35.0    | 1986. | 73.2                | 22.9    | 15.6  |
| 29               | 78.7    | 26.0  | 84.5                | 29.2    | 29.2  | 99.0    | 37.2    | 1987. | 73.0                | 22.8    | 17.2  |
| 30               | 77.7    | 25.4  | 82.5                | 28.1    | 28.1  | 95.0    | 35.0    | 1987. | 72.9                | 22.7    | 17.8  |
| 31               | 77.7    | 25.4  | 83.2                | 28.4    | 28.4  | 95.0    | 35.0    | 1986. | 72.1                | 22.3    | 17.8  |
| MONTH            | 79.6    | 26.4  | 85.2                | 29.5    | 29.5  | 99.0    | 37.2    | 1987. | 74.0                | 23.3    | 15.6  |

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : SEP

| MEAN TEMPERATURE |         |       |   | MAXIMUM TEMPERATURE |       |   |         | MINIMUM TEMPERATURE |        |         |       |      |         |       |      |
|------------------|---------|-------|---|---------------------|-------|---|---------|---------------------|--------|---------|-------|------|---------|-------|------|
| DAY              | AVERAGE |       | I | AVERAGE             |       | I | EXTREME |                     | I      | AVERAGE |       | I    | EXTREME |       | I    |
|                  | DEG F   | DEG C |   | DEG F               | DEG C |   | DEG F   | DEG C               |        | DEG F   | DEG C |      | DEG F   | DEG C |      |
| 1                | 77.6    | 25.3  |   | 83.3                | 28.5  |   | 93.0    | 33.9                | 1987.  |         | 71.9  | 22.2 |         | 66.0  | 18.9 |
| 2                | 77.1    | 25.1  |   | 82.3                | 27.9  |   | 93.0    | 33.9                | 1985.  |         | 72.0  | 22.2 |         | 62.0  | 16.7 |
| 3                | 77.0    | 25.0  |   | 82.3                | 28.0  |   | 91.0    | 32.8                | 1984.+ |         | 71.7  | 22.1 |         | 61.0  | 16.1 |
| 4                | 76.6    | 24.8  |   | 82.1                | 27.8  |   | 95.0    | 35.0                | 1986.  |         | 71.2  | 21.8 |         | 63.0  | 17.2 |
| 5                | 76.1    | 24.5  |   | 81.4                | 27.5  |   | 89.0    | 31.7                | 1961.  |         | 70.7  | 21.5 |         | 63.0  | 17.2 |
| 6                | 76.6    | 24.8  |   | 82.1                | 27.8  |   | 90.0    | 32.2                | 1985.+ |         | 71.0  | 21.7 |         | 66.0  | 18.9 |
| 7                | 76.5    | 24.7  |   | 81.7                | 27.6  |   | 91.0    | 32.8                | 1987.+ |         | 71.2  | 21.8 |         | 64.0  | 17.8 |
| 8                | 75.7    | 24.3  |   | 80.6                | 27.0  |   | 91.0    | 32.8                | 1987.  |         | 70.9  | 21.6 |         | 64.0  | 17.8 |
| 9                | 75.3    | 24.0  |   | 80.0                | 26.7  |   | 93.0    | 33.9                | 1987.  |         | 70.5  | 21.4 |         | 63.0  | 17.2 |
| 10               | 76.4    | 24.7  |   | 82.1                | 27.9  |   | 95.0    | 35.0                | 1987.  |         | 70.7  | 21.5 |         | 62.0  | 16.7 |
| 11               | 75.6    | 24.2  |   | 80.6                | 27.0  |   | 88.0    | 31.1                | 1986.  |         | 70.5  | 21.4 |         | 61.0  | 16.1 |
| 12               | 74.3    | 23.5  |   | 78.9                | 26.0  |   | 90.0    | 32.2                | 1975.  |         | 69.7  | 20.9 |         | 63.0  | 17.2 |
| 13               | 74.4    | 23.6  |   | 79.7                | 26.5  |   | 91.0    | 32.8                | 1975.  |         | 69.2  | 20.7 |         | 60.0  | 15.6 |
| 14               | 73.2    | 22.9  |   | 77.6                | 25.3  |   | 86.0    | 30.0                | 1955.  |         | 68.7  | 20.4 |         | 62.0  | 16.7 |
| 15               | 73.6    | 23.1  |   | 78.6                | 25.9  |   | 87.0    | 30.6                | 1970.+ |         | 68.6  | 20.3 |         | 61.0  | 16.1 |
| 16               | 72.6    | 22.5  |   | 77.0                | 25.0  |   | 90.0    | 32.2                | 1969.  |         | 68.1  | 20.0 |         | 61.0  | 16.1 |
| 17               | 72.2    | 22.3  |   | 76.8                | 24.9  |   | 88.0    | 31.1                | 1975.  |         | 67.5  | 19.7 |         | 59.0  | 15.0 |
| 18               | 72.2    | 22.9  |   | 78.4                | 25.8  |   | 87.0    | 31.1                | 1986.+ |         | 68.0  | 20.0 |         | 60.0  | 15.6 |
| 19               | 72.8    | 22.7  |   | 78.1                | 25.6  |   | 87.0    | 30.6                | 1975.+ |         | 67.5  | 19.7 |         | 62.0  | 16.7 |
| 20               | 71.8    | 22.1  |   | 77.1                | 25.0  |   | 88.0    | 31.1                | 1975.  |         | 66.5  | 19.1 |         | 60.0  | 15.6 |
| 21               | 71.5    | 21.9  |   | 76.3                | 24.6  |   | 87.0    | 30.6                | 1975.  |         | 66.7  | 19.3 |         | 60.0  | 15.6 |
| 22               | 71.4    | 21.9  |   | 76.4                | 24.7  |   | 91.0    | 32.8                | 1975.  |         | 66.3  | 19.1 |         | 60.0  | 15.6 |
| 23               | 70.5    | 21.4  |   | 75.7                | 24.3  |   | 88.0    | 31.1                | 1979.  |         | 65.3  | 18.5 |         | 56.0  | 13.3 |
| 24               | 69.6    | 20.9  |   | 74.3                | 23.5  |   | 88.0    | 31.1                | 1961.  |         | 65.0  | 18.3 |         | 54.0  | 12.2 |
| 25               | 70.0    | 21.1  |   | 74.7                | 23.7  |   | 83.0    | 28.3                | 1973.+ |         | 65.2  | 18.4 |         | 58.0  | 14.4 |
| 26               | 70.6    | 21.4  |   | 75.4                | 24.1  |   | 85.0    | 29.4                | 1961.+ |         | 65.8  | 18.8 |         | 57.0  | 13.9 |
| 27               | 69.2    | 20.6  |   | 74.1                | 23.4  |   | 86.0    | 30.0                | 1981.  |         | 64.2  | 17.9 |         | 55.0  | 12.8 |
| 28               | 67.6    | 19.8  |   | 72.3                | 22.4  |   | 81.0    | 27.2                | 1981.  |         | 62.8  | 17.1 |         | 55.0  | 12.8 |
| 29               | 67.3    | 19.6  |   | 72.1                | 22.3  |   | 84.0    | 28.9                | 1962.  |         | 62.5  | 17.0 |         | 57.0  | 13.9 |
| 30               | 67.6    | 19.8  |   | 72.7                | 22.6  |   | 86.0    | 30.0                | 1984.  |         | 62.5  | 17.0 |         | 56.0  | 13.3 |
| MONTH            | 73.1    | 22.8  |   | 78.2                | 25.6  |   | 95.0    | 35.0                | 1987.+ |         | 68.1  | 20.0 |         | 54.0  | 12.2 |

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).  
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEP

## 29 - DAILY AVERAGE/EXTREME TEMPERATURES

U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : OCT

| MEAN TEMPERATURE |         |       |      | MAXIMUM TEMPERATURE |       |      |         | MINIMUM TEMPERATURE |      |         |       |        |
|------------------|---------|-------|------|---------------------|-------|------|---------|---------------------|------|---------|-------|--------|
| DAY              | AVERAGE |       | DATE | EXTREME             |       | DATE | AVERAGE |                     | DATE | EXTREME |       |        |
|                  | DEG F   | DEG C |      | DEG F               | DEG C |      | DEG F   | DEG C               |      | DEG F   | DEG C |        |
| 1                | 68.3    | 20.2  | 73.2 | 22.9                | 87.0  | 30.6 | 1979.   | 63.5                | 17.5 | 57.0    | 13.9  | 1969.+ |
| 2                | 67.6    | 19.8  | 72.7 | 22.6                | 81.0  | 27.2 | 1986.   | 62.5                | 17.0 | 54.0    | 12.2  | 1967.  |
| 3                | 67.0    | 19.4  | 71.9 | 22.2                | 86.0  | 30.0 | 1987.   | 62.1                | 16.7 | 54.0    | 12.2  | 1967.  |
| 4                | 67.0    | 19.5  | 72.4 | 22.5                | 79.0  | 26.1 | 1983.+  | 61.6                | 16.5 | 52.0    | 11.1  | 1965.  |
| 5                | 66.7    | 19.3  | 71.8 | 22.1                | 80.0  | 26.7 | 1955.   | 61.6                | 16.5 | 54.0    | 12.2  | 1978.  |
| 6                | 65.7    | 18.7  | 70.3 | 21.3                | 83.0  | 28.3 | 1964.   | 61.0                | 16.1 | 54.0    | 12.2  | 1978.+ |
| 7                | 64.4    | 18.0  | 68.7 | 20.4                | 82.0  | 27.8 | 1961.   | 60.1                | 15.6 | 55.0    | 12.8  | 1984.+ |
| 8                | 64.7    | 18.2  | 69.9 | 21.1                | 81.0  | 27.2 | 1959.   | 59.5                | 15.3 | 52.0    | 11.1  | 1984.+ |
| 9                | 64.5    | 18.0  | 69.5 | 20.8                | 80.0  | 26.7 | 1974.+  | 59.4                | 15.2 | 52.0    | 11.1  | 1984.  |
| 10               | 64.8    | 18.2  | 70.2 | 21.2                | 81.0  | 27.2 | 1970.   | 59.4                | 15.2 | 53.0    | 11.7  | 1973.  |
| 11               | 64.3    | 17.9  | 68.7 | 20.4                | 77.0  | 25.0 | 1956.   | 59.9                | 15.5 | 53.0    | 11.7  | 1954.  |
| 12               | 64.4    | 18.0  | 69.5 | 20.8                | 81.0  | 27.2 | 1985.   | 59.3                | 15.1 | 53.0    | 11.7  | 1969.+ |
| 13               | 64.2    | 17.9  | 69.6 | 20.9                | 81.0  | 27.2 | 1985.   | 58.8                | 14.9 | 50.0    | 10.0  | 1969.  |
| 14               | 64.2    | 17.9  | 69.7 | 20.9                | 78.0  | 25.6 | 1958.   | 58.7                | 14.8 | 50.0    | 10.0  | 1969.  |
| 15               | 64.1    | 17.8  | 69.5 | 20.8                | 80.0  | 26.7 | 1958.   | 58.7                | 14.8 | 52.0    | 11.1  | 1954.  |
| 16               | 63.4    | 17.5  | 69.2 | 20.7                | 78.0  | 25.6 | 1977.   | 57.7                | 14.3 | 50.0    | 10.0  | 1973.+ |
| 17               | 63.2    | 17.3  | 68.7 | 20.4                | 81.0  | 27.2 | 1987.   | 57.7                | 14.3 | 52.0    | 11.1  | 1973.+ |
| 18               | 62.3    | 16.8  | 66.8 | 19.3                | 81.0  | 27.2 | 1987.   | 57.7                | 14.3 | 52.0    | 11.1  | 1985.+ |
| 19               | 62.4    | 16.9  | 67.3 | 19.6                | 81.0  | 27.2 | 1987.   | 57.6                | 14.2 | 48.0    | 8.9   | 1957.  |
| 20               | 61.3    | 16.3  | 66.6 | 19.2                | 78.0  | 25.6 | 1979.   | 56.0                | 13.3 | 48.0    | 8.9   | 1963.  |
| 21               | 61.5    | 16.4  | 66.9 | 19.4                | 78.0  | 25.6 | 1976.   | 56.1                | 13.4 | 48.0    | 8.9   | 1986.+ |
| 22               | 61.2    | 16.2  | 66.7 | 19.3                | 75.0  | 23.9 | 1973.   | 55.6                | 13.1 | 49.0    | 9.4   | 1970.  |
| 23               | 61.4    | 16.3  | 67.0 | 19.4                | 79.0  | 26.1 | 1981.   | 55.8                | 13.2 | 50.0    | 10.0  | 1984.  |
| 24               | 60.7    | 16.0  | 65.9 | 18.8                | 75.0  | 23.9 | 1970.+  | 55.6                | 13.1 | 51.0    | 10.6  | 1962.  |
| 25               | 60.6    | 15.9  | 65.6 | 18.7                | 73.0  | 22.8 | 1970.   | 55.6                | 13.1 | 46.0    | 7.8   | 1983.  |
| 26               | 60.5    | 15.8  | 65.7 | 18.7                | 75.0  | 23.9 | 1970.+  | 55.3                | 13.0 | 49.0    | 9.4   | 1964.  |
| 27               | 60.8    | 16.0  | 66.3 | 19.1                | 75.0  | 23.9 | 1977.+  | 55.2                | 12.9 | 49.0    | 9.4   | 1976.  |
| 28               | 60.3    | 15.7  | 65.5 | 18.6                | 75.0  | 23.9 | 1978.   | 55.2                | 12.9 | 47.0    | 8.3   | 1971.  |
| 29               | 61.1    | 16.2  | 66.8 | 19.3                | 81.0  | 27.2 | 1955.   | 55.4                | 13.0 | 48.0    | 8.9   | 1958.  |
| 30               | 60.1    | 15.6  | 65.7 | 18.7                | 75.0  | 23.9 | 1987.   | 54.5                | 12.5 | 46.0    | 7.8   | 1984.  |
| 31               | 60.2    | 15.7  | 66.1 | 19.0                | 78.0  | 25.6 | 1977.   | 54.2                | 12.3 | 45.0    | 7.2   | 1984.  |
| MONTH            | 63.3    | 17.4  | 68.5 | 20.3                | 87.0  | 30.6 | 1979.   | 58.1                | 14.5 | 45.0    | 7.2   | 1984.  |

## NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = C.O.D

## 29 - DAILY AVERAGE/EXTREME TEMPERATURES

G43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : NOV

| MEAN TEMPERATURE |         | MAXIMUM TEMPERATURE |         | MINIMUM TEMPERATURE |         |         |        |
|------------------|---------|---------------------|---------|---------------------|---------|---------|--------|
| DAY              | AVERAGE | AVERAGE             | EXTREME | DATE                | AVERAGE | EXTREME | DATE   |
|                  | DEG F   | DEG C               | DEG F   |                     | DEG F   | DEG C   |        |
| 1                | 60.0    | 15.5                | 65.1    | 18.4                | 78.0    | 25.6    | 1977.  |
| 2                | 59.5    | 15.3                | 65.0    | 18.3                | 75.0    | 23.9    | 1979.  |
| 3                | 59.3    | 15.2                | 64.5    | 18.0                | 79.0    | 26.1    | 1987.  |
| 4                | 59.4    | 15.2                | 65.1    | 18.4                | 79.0    | 26.1    | 1986.  |
| 5                | 59.8    | 15.4                | 65.7    | 18.7                | 76.0    | 25.6    | 1979.  |
| 6                | 58.4    | 14.7                | 63.9    | 17.7                | 76.0    | 24.4    | 1977.  |
| 7                | 58.2    | 14.6                | 63.4    | 17.5                | 74.0    | 23.3    | 1966.  |
| 8                | 58.7    | 14.8                | 64.7    | 18.2                | 75.0    | 23.9    | 1977.  |
| 9                | 57.6    | 14.2                | 63.0    | 17.2                | 75.0    | 25.6    | 1967.  |
| 10               | 57.0    | 13.9                | 62.3    | 16.8                | 72.0    | 22.2    | 1986.+ |
| 11               | 57.0    | 13.9                | 63.1    | 17.3                | 72.0    | 22.2    | 1987.+ |
| 12               | 55.7    | 13.2                | 61.7    | 16.5                | 75.0    | 23.9    | 1987.  |
| 13               | 55.4    | 13.0                | 61.1    | 16.2                | 72.0    | 22.2    | 1980.  |
| 14               | 56.2    | 13.5                | 62.4    | 16.9                | 75.0    | 23.9    | 1966.  |
| 15               | 54.8    | 12.7                | 60.5    | 15.8                | 72.0    | 22.2    | 1978.  |
| 16               | 54.8    | 12.7                | 60.0    | 15.6                | 76.0    | 24.4    | 1975.  |
| 17               | 54.1    | 12.3                | 59.1    | 15.0                | 72.0    | 22.2    | 1977.+ |
| 18               | 53.6    | 12.0                | 58.6    | 14.8                | 71.0    | 21.7    | 1961.  |
| 19               | 53.8    | 12.1                | 59.6    | 15.3                | 71.0    | 21.7    | 1977.  |
| 20               | 53.2    | 11.8                | 58.7    | 14.8                | 70.0    | 21.1    | 1965.  |
| 21               | 53.4    | 11.9                | 59.5    | 15.3                | 68.0    | 20.0    | 1970.+ |
| 22               | 52.6    | 11.5                | 58.5    | 14.7                | 66.0    | 18.9    | 1987.+ |
| 23               | 53.1    | 11.7                | 58.9    | 15.0                | 72.0    | 22.2    | 1963.  |
| 24               | 52.8    | 11.6                | 58.5    | 14.7                | 68.0    | 20.0    | 1984.  |
| 25               | 52.0    | 11.1                | 58.1    | 14.5                | 70.0    | 21.1    | 1986.+ |
| 26               | 51.9    | 11.1                | 57.6    | 14.2                | 73.0    | 22.8    | 1960.  |
| 27               | 51.8    | 11.0                | 57.6    | 14.2                | 71.0    | 21.7    | 1968.  |
| 28               | 51.6    | 10.9                | 57.8    | 14.3                | 71.0    | 21.7    | 1957.  |
| 29               | 50.8    | 10.4                | 56.7    | 13.7                | 67.0    | 19.4    | 1979.+ |
| 30               | 50.0    | 10.0                | 55.7    | 13.2                | 72.0    | 22.2    | 1982.  |
| MONTH            | 55.2    | 12.9                | 60.9    | 16.0                | 79.0    | 26.1    | 1987.+ |
|                  |         |                     |         |                     | 49.6    | 9.8     | 36.0   |
|                  |         |                     |         |                     |         |         | 2.2    |
|                  |         |                     |         |                     |         |         | 1970.  |

## NOTES :

T = TRACE AMOUNTS (&lt;.01, OR &lt;.5, OR &lt; 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

643323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : DEC

| MEAN TEMPERATURE |         |       | MAXIMUM TEMPERATURE |         |       | MINIMUM TEMPERATURE |         |        |
|------------------|---------|-------|---------------------|---------|-------|---------------------|---------|--------|
| DAY              | AVERAGE |       | AVERAGE             | EXTREME |       | AVERAGE             | EXTREME |        |
|                  | DEG F   | DEG C |                     | DEG F   | DEG C |                     | DEG F   | DEG C  |
| 1                | 50.1    | 10.1  | 56.5                | 13.6    | 18.9  | 43.8                | 6.6     | 34.0   |
| 2                | 49.9    | 10.0  | 55.9                | 13.3    | 18.9  | 43.9                | 6.6     | 37.0   |
| 3                | 50.4    | 10.2  | 56.9                | 13.8    | 19.4  | 43.8                | 6.6     | 37.0   |
| 4                | 49.6    | 9.8   | 55.7                | 13.1    | 17.8  | 43.6                | 6.4     | 37.0   |
| 5                | 49.7    | 9.8   | 55.5                | 13.1    | 20.0  | 43.8                | 6.6     | 34.0   |
| 6                | 49.8    | 9.9   | 55.9                | 13.3    | 18.3  | 43.7                | 6.5     | 37.0   |
| 7                | 48.7    | 9.3   | 54.2                | 12.3    | 20.0  | 43.2                | 6.2     | 36.0   |
| 8                | 49.1    | 9.5   | 55.8                | 13.2    | 19.4  | 42.3                | 5.7     | 34.0   |
| 9                | 48.5    | 9.2   | 55.0                | 12.8    | 21.7  | 42.0                | 5.5     | 35.0   |
| 10               | 48.8    | 9.3   | 55.8                | 13.2    | 20.0  | 41.9                | 5.5     | 34.0   |
| 11               | 48.9    | 9.4   | 55.4                | 13.0    | 20.0  | 42.5                | 5.8     | 37.0   |
| 12               | 48.6    | 9.2   | 54.5                | 12.5    | 17.2  | 42.8                | 6.0     | 34.0   |
| 13               | 48.0    | 8.9   | 54.7                | 12.6    | 21.7  | 41.2                | 5.1     | 35.0   |
| 14               | 48.0    | 8.9   | 55.0                | 12.8    | 20.6  | 41.1                | 5.0     | 33.0   |
| 15               | 47.8    | 8.8   | 54.5                | 12.5    | 18.9  | 41.0                | 5.0     | 34.0   |
| 16               | 47.0    | 8.3   | 53.6                | 12.0    | 17.8  | 40.4                | 4.7     | 34.0   |
| 17               | 47.0    | 8.3   | 53.7                | 12.0    | 21.7  | 40.3                | 4.6     | 30.0   |
| 18               | 47.0    | 8.3   | 53.3                | 11.8    | 18.9  | 40.7                | 4.8     | 32.0   |
| 19               | 46.7    | 8.1   | 52.5                | 11.4    | 18.9  | 40.8                | 4.9     | 36.0   |
| 20               | 46.6    | 8.1   | 52.2                | 11.2    | 17.8  | 41.0                | 5.0     | 36.0   |
| 21               | 46.4    | 8.0   | 53.4                | 11.9    | 19.4  | 39.5                | 4.2     | 33.0   |
| 22               | 46.3    | 7.9   | 52.5                | 11.4    | 17.8  | 40.1                | 4.5     | 32.0   |
| 23               | 46.0    | 7.8   | 52.0                | 11.1    | 17.8  | 40.1                | 4.5     | 34.0   |
| 24               | 46.1    | 7.9   | 52.5                | 11.4    | 18.9  | 39.8                | 4.3     | 32.0   |
| 25               | 45.6    | 7.6   | 51.4                | 10.8    | 20.0  | 39.8                | 4.3     | 32.0   |
| 26               | 46.0    | 7.8   | 52.4                | 11.3    | 21.1  | 39.6                | 4.2     | 30.0   |
| 27               | 45.1    | 7.3   | 50.8                | 10.5    | 17.8  | 39.4                | 4.1     | 32.0   |
| 28               | 44.3    | 6.8   | 50.0                | 10.0    | 16.1  | 38.6                | 3.7     | 30.0   |
| 29               | 45.0    | 7.2   | 51.5                | 10.8    | 18.9  | 38.6                | 3.7     | 30.0   |
| 30               | 45.7    | 7.6   | 52.5                | 11.4    | 21.1  | 38.9                | 3.9     | 30.0   |
| 31               | 44.6    | 7.0   | 51.3                | 10.7    | 18.3  | 37.9                | 3.3     | 32.0   |
| MONTH            | 47.5    | 8.6   | 53.6                | 12.1    | 21.7  | 41.2                | 5.1     | 30.0   |
|                  |         |       |                     |         |       |                     |         | -1.1   |
|                  |         |       |                     |         |       |                     |         | 1985.+ |

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0



7C - EXTREME VALUES

MAXIMUM TEMPERATURE (DEG F)  
(FROM DAILY OBS)

| U43323 YOKOSUKA, JAPAN                     |       |       |       |       |       |       |       |       |       |       |       |       |        |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| PERIOD OF RECORD : 1953-1987               |       |       |       |       |       |       |       |       |       |       |       |       |        |
| LAT. : 35 17N LONG. : 139 40E ELEV.: 10 FT |       |       |       |       |       |       |       |       |       |       |       |       |        |
| PAGE : 1                                   |       |       |       |       |       |       |       |       |       |       |       |       |        |
| YEAR                                       | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
| 1953                                       | MISS  | MISS  | 67    | 72    | 79    | 85    | 90    | 96    | 87    | 76    | 74    | 67    | PART   |
| 1954                                       | 65    | 70    | 67    | 72    | 75    | 80    | 84    | 92    | 86    | 74    | 69    | 71    | 92     |
| 1955                                       | 59    | 66    | 69    | 75    | 76    | 87    | 92    | 91    | 86    | 81    | 71    | 66    | 92     |
| 1956                                       | 59    | 62    | 68    | 77    | 83    | 87    | 90    | 92    | 88    | 77    | 69    | 65    | 92     |
| 1957                                       | 68    | 52    | 68    | 76    | 78    | 81    | 91    | 89    | 84    | 77    | 71    | 71    | 91     |
| 1958                                       | 62    | 66    | 67    | 79    | 86    | 84    | 87    | 91    | 88    | 80    | 73    | 64    | 91     |
| 1959                                       | 63    | 75    | 68    | 77    | 80    | 79    | 89    | 91    | 88    | 81    | 72    | 69    | 91     |
| 1960                                       | 67    | 64    | 70    | 71    | 78    | 84    | 88    | 91    | 88    | 77    | 75    | 66    | 91     |
| 1961                                       | 58    | 56    | 67    | 73    | 80    | 81    | 90    | 92    | 89    | 82    | 71    | 67    | 92     |
| 1962                                       | 56    | 70    | 66    | 72    | 78    | 81    | 88    | 92    | 90    | 83    | 75    | 62    | 92     |
| 1963                                       | 53    | 57    | 68    | 75    | 82    | 85    | 90    | 89    | 85    | 79    | 72    | 66    | 90     |
| 1964                                       | 64    | 53    | 67    | 81    | 78    | 83    | 89    | 92    | 86    | 83    | 72    | 60    | 92     |
| 1965                                       | 56    | 63    | 61    | 75    | 80    | 86    | 92    | 92    | 84    | 79    | 75    | 63    | 92     |
| 1966                                       | 64    | 67    | 69    | 75    | 78    | 84    | 90    | 94    | 91    | 77    | 75    | 59    | 94     |
| 1967                                       | 65    | 62    | 67    | 74    | 83    | 84    | 91    | 93    | 85    | 77    | 78    | 64    | 93     |
| 1968                                       | 61    | 54    | 66    | 72    | 76    | 81    | 87    | 90    | 83    | 82    | 71    | 68    | 90     |
| 1969                                       | 73    | 66    | 70    | 77    | 84    | 82    | 89    | 94    | 90    | 77    | 71    | 68    | 94     |
| 1970                                       | 58    | 65    | 62    | 72    | 79    | 83    | 89    | 91    | 91    | 81    | 74    | 64    | 91     |
| 1971                                       | 57    | 61    | 68    | 75    | 81    | 85    | 88    | 91    | 85    | 75    | 68    | 63    | 91     |
| 1972                                       | 67    | 59    | 69    | 76    | 75    | 84    | 88    | 92    | 87    | 79    | 72    | 67    | 92     |
| 1973                                       | 64    | 66    | 67    | 76    | 79    | 82    | 91    | 92    | 89    | 81    | 70    | 62    | 92     |
| 1974                                       | 55    | 65    | 67    | 74    | 83    | 81    | 86    | 91    | 86    | 80    | 71    | 59    | 91     |
| 1975                                       | 65    | 59    | 64    | 77    | 79    | 85    | 93    | 90    | 91    | 78    | 76    | 63    | 93     |
| 1976                                       | 64    | 63    | 65    | 75    | 80    | 83    | 87    | 91    | 87    | 79    | 77    | 61    | 91     |
| 1977                                       | 63    | 69    | 68    | 76    | 81    | 81    | 92    | 93    | 88    | 79    | 78    | 71    | 93     |
| 1978                                       | 65    | 61    | 66    | 73    | 80    | 84    | 92    | 96    | 88    | 79    | 72    | 68    | 96     |
| 1979                                       | 64    | 67    | 72    | 73    | 78    | 93    | 90    | 91    | 88    | 87    | 78    | 68    | 93     |
| 1980                                       | 64    | 57    | 70    | 72    | 81    | 86    | 90    | 90    | 88    | 77    | 72    | 66    | 90     |
| 1981                                       | 57    | 59    | 68    | 75    | 81    | 86    | 91    | 90    | 88    | 79    | 70    | 64    | 91     |
| 1982                                       | 61    | 57    | 68    | 73    | 82    | 84    | 88    | 90    | 84    | 77    | 75    | 68    | 90     |
| 1983                                       | 61    | 55    | 61    | 77    | 82    | 81    | 93    | 93    | 90    | 79    | 66    | 61    | 93     |
| 1984                                       | 55    | 52    | 64    | 70    | 77    | 86    | 95    | 99    | 93    | 91    | 72    | 66    | 99     |
| 1985                                       | 55    | 63    | 68    | 77    | 86    | 88    | 95    | 91    | 93    | 81    | 73    | 64    | 95     |
| 1986                                       | 54    | 55    | 66    | 77    | 81    | 88    | 95    | 97    | 95    | 84    | 79    | 68    | 97     |
| 1987                                       | 66    | 72    | 68    | 79    | 90    | MISS  | 100   | 99    | 95    | 86    | 79    | 70    | PART   |
| MEAN                                       | 61.4  | 62.0  | 67.0  | 74.9  | 80.3  | 83.9  | 90.3  | 92.2  | 88.1  | 79.5  | 73.0  | 65.4  | 92.3   |
| S.D.                                       | 4.736 | 5.949 | 2.407 | 2.499 | 2.838 | 2.838 | 3.035 | 2.498 | 3.008 | 2.904 | 3.204 | 3.336 | 2.041  |
| TOT OBS                                    | 34    | 34    | 35    | 35    | 35    | 34    | 35    | 35    | 35    | 35    | 35    | 35    | 33     |

MINIMUM TEMPERATURE (DEG F)  
(FROM DAILY OBS)

U43323 YOKOSUKA, JAPAN  
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| YEAR | JAN  | FEB  | MAR | APR | MAY | JUN  | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|------|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|--------|
| 1953 | MISS | MISS | 33  | 40  | 45  | 57   | 64  | 60  | 61  | 54  | 39  | 32  | PART   |
| 1954 | 31   | 31   | 33  | 45  | 52  | 54   | 61  | 68  | 63  | 52  | 44  | 37  | 31     |
| 1955 | 33   | 28   | 32  | 38  | 51  | 58   | 71  | 70  | 56  | 53  | 43  | 32  | 28     |
| 1956 | 33   | 33   | 32  | 37  | 51  | 61   | 66  | 66  | 59  | 52  | 40  | 34  | 32     |
| 1957 | 32   | 30   | 29  | 39  | 49  | 53   | 64  | 68  | 60  | 48  | 44  | 38  | 29     |
| 1958 | 32   | 34   | 31  | 41  | 47  | 55   | 65  | 67  | 60  | 48  | 39  | 36  | 31     |
| 1959 | 29   | 31   | 34  | 44  | 52  | 58   | 66  | 66  | 64  | 52  | 42  | 33  | 29     |
| 1960 | 28   | 31   | 34  | 41  | 47  | 57   | 66  | 63  | 57  | 51  | 38  | 35  | 28     |
| 1961 | 30   | 31   | 34  | 41  | 53  | 58   | 69  | 69  | 62  | 52  | 40  | 33  | 30     |
| 1962 | 32   | 32   | 35  | 40  | 51  | 57   | 62  | 72  | 57  | 50  | 38  | 32  | 32     |
| 1963 | 27   | 31   | 32  | 39  | 47  | 51   | 62  | 68  | 58  | 48  | 40  | 34  | 27     |
| 1964 | 32   | 31   | 35  | 43  | 53  | 58   | 65  | 71  | 54  | 49  | 39  | 35  | 31     |
| 1965 | 32   | 29   | 32  | 36  | 47  | 58   | 64  | 68  | 56  | 52  | 42  | 33  | 29     |
| 1966 | 29   | 30   | 36  | 41  | 50  | 53   | 59  | 71  | 60  | 52  | 39  | 31  | 29     |
| 1967 | 25   | 27   | 33  | 36  | 54  | 60   | 66  | 68  | 60  | 51  | 40  | 32  | 25     |
| 1968 | 29   | 29   | 33  | 44  | 50  | 61   | 64  | 67  | 62  | 48  | 43  | 37  | 29     |
| 1969 | 30   | 30   | 30  | 34  | 55  | 54   | 60  | 70  | 58  | 48  | 40  | 30  | 30     |
| 1970 | 25   | 28   | 31  | 42  | 52  | 56   | 62  | 68  | 61  | 47  | 36  | 32  | 25     |
| 1971 | 30   | 30   | 29  | 42  | 50  | 60   | 65  | 68  | 59  | 47  | 37  | 35  | 29     |
| 1972 | 32   | 33   | 35  | 37  | 51  | 59   | 66  | 68  | 61  | 53  | 38  | 33  | 32     |
| 1973 | 32   | 29   | 30  | 40  | 49  | 56   | 66  | 74  | 62  | 50  | 38  | 32  | 29     |
| 1974 | 30   | 29   | 30  | 41  | 50  | 60   | 62  | 70  | 60  | 53  | 41  | 35  | 29     |
| 1975 | 28   | 28   | 31  | 40  | 52  | 61   | 64  | 68  | 62  | 47  | 43  | 35  | 28     |
| 1976 | 26   | 30   | 34  | 39  | 48  | 57   | 56  | 65  | 59  | 47  | 39  | 30  | 26     |
| 1977 | 29   | 26   | 28  | 43  | 51  | 58   | 64  | 62  | 62  | 53  | 45  | 35  | 26     |
| 1978 | 31   | 28   | 32  | 41  | 47  | 58   | 71  | 71  | 60  | 52  | 43  | 33  | 28     |
| 1979 | 32   | 36   | 35  | 44  | 51  | 61   | 64  | 68  | 63  | 55  | 42  | 39  | 32     |
| 1980 | 32   | 30   | 36  | 39  | 49  | 63   | 61  | 63  | 55  | 49  | 45  | 32  | 30     |
| 1981 | 30   | 25   | 32  | 39  | 50  | 55   | 63  | 70  | 61  | 52  | 39  | 34  | 25     |
| 1982 | 28   | 32   | 32  | 39  | 50  | 57   | 61  | 70  | 61  | 50  | 37  | 36  | 28     |
| 1983 | 30   | 30   | 36  | 45  | 52  | 55   | 61  | 70  | 57  | 46  | 37  | 32  | 30     |
| 1984 | 30   | 25   | 30  | 36  | 48  | 57   | 64  | 72  | 59  | 45  | 39  | 30  | 25     |
| 1985 | 27   | 32   | 34  | 36  | 52  | 54   | 61  | 70  | 57  | 50  | 41  | 30  | 27     |
| 1986 | 28   | 28   | 34  | 39  | 54  | 59   | 63  | 66  | 64  | 48  | 43  | 34  | 28     |
| 1987 | 32   | 32   | 34  | 39  | 50  | MISS | 61  | 70  | 61  | 54  | 45  | 36  | PART   |

MEAN 29.9 30.0 32.6 40.0 50.3 57.3 63.7 68.1 59.7 50.2 40.5 33.8 28.7  
 S.D. 2.226 2.406 2.145 2.765 2.321 2.738 3.147 2.972 2.513 2.591 2.560 2.411 2.128  
 TOT OBS 34 34 35 35 35 34 35 35 35 35 35 35 33

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MINIMUM TEMPERATURE (DEG F)  
(FROM DAILY OBS)

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PERIOD OF RECORD : 1953-1987

LAT. : 35 17N LONG. : 139 4CE

ELEV. : 10 FT  
PAGE : 1

YEAR/MONTHS WITH &lt; FULL NUMBER CF OBSERVATIONS

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 1970 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1971 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1972 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1973 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1974 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1975 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1976 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1977 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1978 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1979 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1980 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1981 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1982 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1983 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1984 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1985 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1986 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1987 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1988 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1989 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1990 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1991 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1992 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1993 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1994 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1995 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1996 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1997 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1998 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1999 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2000 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2001 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2002 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2003 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2004 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2005 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2006 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2007 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2008 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2009 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2010 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2011 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2012 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2013 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2014 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2015 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2016 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2017 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2018 |     |     |     |     | </  |     |     |     |     |     |     |     |        |

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 1970 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1971 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1972 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1973 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1974 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1975 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1976 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1977 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1978 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1979 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1980 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1981 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1982 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1983 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1984 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1985 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1986 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1987 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1988 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1989 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1990 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1991 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1992 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1993 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1994 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1995 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1996 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1997 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1998 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 1999 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2000 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2001 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2002 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2003 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2004 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2005 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2006 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2007 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2008 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2009 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2010 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2011 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2012 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2013 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2014 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2015 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2016 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2017 |     |     |     |     |     |     |     |     |     |     |     |     |        |
| 2018 |     |     |     |     | </  |     |     |     |     |     |     |     |        |

HEATING DEGREE DAYS (BASE 65 DEG F)  
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PERIOD OF RECORD : 1953-1987LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
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| YEAR | JAN  | FEB  | MAR | APR | MAY | JUN  | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|------|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|--------|
| 1953 | MISS | MISS | 475 | 310 | 79  | 8    | C   | 1   | 1   | 61  | 335 | 501 | MISS   |
| 1954 | 678  | 554  | 518 | 174 | 64  | 47   | 2   | C   | C   | 130 | 283 | 505 | 2955   |
| 1955 | 662  | 526  | 489 | 228 | 44  | 1    | C   | C   | 9   | 70  | 318 | 468 | 2815   |
| 1956 | 643  | 612  | 468 | 242 | 49  | 0    | C   | C   | 4   | 54  | 275 | 597 | 2944   |
| 1957 | 625  | 665  | 591 | 217 | 96  | 29   | C   | C   | 4   | 79  | 252 | 490 | 3048   |
| 1958 | 655  | 559  | 525 | 227 | 76  | 6    | C   | C   | C   | 133 | 325 | 489 | 2995   |
| 1959 | 696  | 508  | 484 | 163 | 49  | 6    | C   | C   | C   | 74  | 273 | 519 | 2772   |
| 1960 | 652  | 533  | 476 | 292 | 74  | 13   | C   | C   | 3   | 101 | 277 | 536 | 2957   |
| 1961 | 723  | 644  | 537 | 196 | 21  | 2    | C   | C   | C   | 62  | 257 | 540 | 2982   |
| 1962 | 694  | 578  | 519 | 239 | 56  | 6    | C   | C   | C   | 110 | 345 | 529 | 3075   |
| 1963 | 740  | 640  | 577 | 245 | 76  | 37   | C   | C   | 3   | 120 | 288 | 495 | 3221   |
| 1964 | 660  | 681  | 564 | 176 | 37  | 3    | C   | C   | 19  | 116 | 315 | 553 | 3124   |
| 1965 | 690  | 617  | 606 | 380 | 95  | 5    | C   | C   | C   | 77  | 238 | 562 | 3270   |
| 1966 | 705  | 534  | 465 | 263 | 82  | 44   | 4   | C   | 3   | 29  | 266 | 613 | 3008   |
| 1967 | 733  | 656  | 501 | 248 | 27  | 0    | C   | C   | 2   | 84  | 313 | 590 | 3164   |
| 1968 | 660  | 702  | 485 | 245 | 73  | 0    | C   | C   | 1   | 141 | 217 | 419 | 2943   |
| 1969 | 667  | 617  | 573 | 222 | 16  | 1    | 6   | C   | 4   | 96  | 298 | 561 | 3061   |
| 1970 | 715  | 587  | 672 | 295 | 29  | 17   | C   | C   | C   | 86  | 295 | 600 | 3297   |
| 1971 | 689  | 618  | 554 | 276 | 78  | 1    | C   | C   | 3   | 122 | 316 | 528 | 3185   |
| 1972 | 564  | 622  | 482 | 270 | 40  | 5    | C   | C   | C   | 37  | 291 | 521 | 2852   |
| 1973 | 623  | 537  | 553 | 174 | 69  | 10   | C   | C   | C   | 87  | 313 | 607 | 2973   |
| 1974 | 735  | 631  | 584 | 175 | 26  | 2    | 1   | C   | 2   | 55  | 333 | 608 | 3152   |
| 1975 | 719  | 642  | 557 | 231 | 36  | 1    | C   | C   | C   | 93  | 285 | 580 | 3144   |
| 1976 | 669  | 556  | 503 | 286 | 73  | 2    | 17  | C   | C   | 79  | 345 | 570 | 3104   |
| 1977 | 778  | 626  | 495 | 184 | 47  | 16   | C   | C   | C   | 37  | 186 | 461 | 2832   |
| 1978 | 642  | 677  | 532 | 248 | 38  | 2    | C   | C   | 2   | 75  | 281 | 498 | 2995   |
| 1979 | 612  | 459  | 450 | 251 | 63  | 0    | C   | C   | C   | 24  | 217 | 448 | 2524   |
| 1980 | 660  | 647  | 555 | 260 | 65  | 0    | 2   | C   | 17  | 68  | 285 | 567 | 3126   |
| 1981 | 743  | 641  | 529 | 258 | 80  | 24   | C   | C   | C   | 69  | 376 | 539 | 3259   |
| 1982 | 650  | 611  | 477 | 241 | 22  | 3    | C   | C   | C   | 83  | 232 | 446 | 2805   |
| 1983 | 663  | 629  | 548 | 170 | 36  | 12   | 4   | C   | 9   | 116 | 349 | 621 | 3157   |
| 1984 | 804  | 763  | 711 | 383 | 109 | 0    | C   | C   | C   | 117 | 312 | 585 | 3784   |
| 1985 | 762  | 575  | 571 | 220 | 23  | 24   | C   | C   | 11  | 94  | 266 | 591 | 3157   |
| 1986 | 765  | 709  | 514 | 186 | 36  | 8    | C   | C   | C   | 78  | 280 | 497 | 3063   |
| 1987 | 614  | 523  | 455 | 206 | 31  | MISS | C   | C   | C   | 26  | 228 | 483 | MISS   |

ELEV. : 10 FT  
PAGE : 1

LAT. : 35 17N LONG. : 139 40E

ELEV. : 10 FT

PAGE : 1

| YEAR | JAN  | FEB  | MAR | APR | MAY | JUN  | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|------|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|--------|
| 1953 | MISS | MISS | 0   | 1   | 35  | 122  | 324 | 342 | 221 | 17  | 3   | 0   | MISS   |
| 1954 | 0    | 0    | 0   | 3   | 21  | 45   | 213 | 473 | 337 | 10  | 0   | 0   | 1102   |
| 1955 | 0    | 0    | 0   | 9   | 37  | 203  | 477 | 448 | 232 | 46  | 0   | 0   | 1452   |
| 1956 | 0    | 0    | 1   | 12  | 77  | 224  | 352 | 415 | 280 | 60  | 0   | 0   | 1421   |
| 1957 | 0    | 0    | 0   | 6   | 16  | 98   | 322 | 469 | 134 | 37  | 2   | 0   | 1084   |
| 1958 | 0    | 0    | 0   | 11  | 41  | 179  | 366 | 426 | 273 | 33  | 0   | 0   | 1329   |
| 1959 | 0    | 0    | 0   | 6   | 49  | 115  | 386 | 459 | 299 | 42  | 2   | 0   | 1358   |
| 1960 | 0    | 0    | 0   | 0   | 39  | 154  | 375 | 421 | 301 | 23  | 1   | 0   | 1318   |
| 1961 | 0    | 0    | 0   | 3   | 62  | 197  | 459 | 464 | 351 | 64  | 0   | 0   | 1600   |
| 1962 | 0    | 0    | 0   | 0   | 31  | 125  | 342 | 492 | 336 | 33  | 2   | 0   | 1361   |
| 1963 | 0    | 0    | 0   | 4   | 45  | 181  | 379 | 429 | 169 | 15  | 0   | 0   | 1222   |
| 1964 | 0    | 0    | 0   | 7   | 46  | 146  | 348 | 500 | 233 | 17  | 0   | 0   | 1297   |
| 1965 | 0    | 0    | 0   | 0   | 41  | 182  | 335 | 459 | 211 | 15  | 1   | 0   | 1244   |
| 1966 | 0    | 0    | 0   | 5   | 25  | 125  | 325 | 461 | 262 | 54  | 6   | 0   | 1267   |
| 1967 | 0    | 0    | 0   | 3   | 70  | 229  | 412 | 495 | 229 | 20  | 5   | 0   | 1464   |
| 1968 | 0    | 0    | 0   | 0   | 11  | 157  | 330 | 450 | 178 | 28  | 0   | 0   | 1154   |
| 1969 | 0    | 0    | 0   | 19  | 59  | 149  | 330 | 479 | 246 | 13  | 0   | 0   | 1295   |
| 1970 | 0    | 0    | 0   | 0   | 56  | 115  | 329 | 443 | 278 | 39  | 0   | 0   | 1260   |
| 1971 | 0    | 0    | 0   | 0   | 39  | 151  | 394 | 475 | 172 | 7   | 0   | 0   | 1238   |
| 1972 | 0    | 0    | 0   | 6   | 39  | 163  | 377 | 455 | 260 | 57  | 0   | 0   | 1357   |
| 1973 | 0    | 0    | 0   | 1   | 37  | 100  | 405 | 539 | 254 | 42  | 0   | 0   | 1382   |
| 1974 | 0    | 0    | 0   | 2   | 76  | 195  | 278 | 477 | 242 | 27  | 0   | 0   | 1297   |
| 1975 | 0    | 0    | 0   | 8   | 45  | 175  | 384 | 475 | 380 | 49  | 3   | 0   | 1519   |
| 1976 | 0    | 0    | 0   | 3   | 41  | 171  | 306 | 390 | 215 | 41  | 5   | 0   | 1172   |
| 1977 | 0    | 0    | 0   | 4   | 67  | 136  | 401 | 349 | 308 | 52  | 20  | 0   | 1311   |
| 1978 | 0    | 0    | 0   | 0   | 67  | 255  | 497 | 565 | 195 | 32  | 0   | 0   | 1611   |
| 1979 | 0    | 0    | 0   | 3   | 44  | 261  | 347 | 491 | 298 | 61  | 11  | 0   | 1516   |
| 1980 | 0    | 0    | 0   | 0   | 75  | 247  | 305 | 275 | 256 | 61  | 0   | 0   | 1219   |
| 1981 | 0    | 0    | 0   | 1   | 24  | 127  | 412 | 432 | 188 | 42  | 0   | 0   | 1226   |
| 1982 | 0    | 0    | 0   | 3   | 116 | 156  | 242 | 454 | 187 | 23  | 3   | 0   | 1180   |
| 1983 | 0    | 0    | 0   | 13  | 69  | 91   | 298 | 475 | 254 | 49  | 0   | 0   | 1249   |
| 1984 | 0    | 0    | 0   | 0   | 13  | 170  | 449 | 555 | 242 | 29  | 0   | 0   | 1458   |
| 1985 | 0    | 0    | 0   | 0   | 57  | 113  | 424 | 510 | 261 | 57  | 0   | 0   | 1422   |
| 1986 | 0    | 0    | 0   | 5   | 54  | 185  | 382 | 534 | 327 | 49  | 4   | 0   | 1541   |
| 1987 | 0    | 0    | 0   | 8   | 106 | MISS | 476 | 550 | 296 | 97  | 9   | 0   | MISS   |

## 74 - YEAR/MONTH VALUES

MEAN TEMPERATURE (DEG F)  
(FROM DAILY OBS)043323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
PAGE : 1

| YEAR | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1953 | MISS | MISS | 49.6 | 54.6 | 63.5 | 68.7 | 75.4 | 76.0 | 72.3 | 63.5 | 53.9 | 48.8 | MISS   |
| 1954 | 43.1 | 45.2 | 48.2 | 59.2 | 63.6 | 64.9 | 71.8 | 80.2 | 76.2 | 61.1 | 55.5 | 48.7 | 59.8   |
| 1955 | 43.6 | 46.2 | 49.2 | 57.6 | 64.7 | 71.7 | 80.3 | 79.4 | 72.4 | 64.2 | 54.3 | 49.9 | 61.1   |
| 1956 | 44.2 | 43.1 | 49.9 | 57.3 | 65.9 | 72.4 | 76.3 | 78.3 | 74.1 | 65.1 | 55.8 | 45.7 | 60.7   |
| 1957 | 44.8 | 41.2 | 45.9 | 57.9 | 62.4 | 67.2 | 75.3 | 80.1 | 69.3 | 63.6 | 56.6 | 49.1 | 59.4   |
| 1958 | 43.8 | 45.0 | 48.0 | 57.7 | 63.8 | 70.7 | 76.8 | 78.7 | 74.0 | 61.7 | 54.1 | 49.2 | 60.3   |
| 1959 | 42.5 | 46.8 | 49.3 | 59.7 | 65.0 | 68.6 | 77.4 | 79.8 | 74.9 | 63.9 | 55.9 | 48.2 | 61.0   |
| 1960 | 43.9 | 45.9 | 49.6 | 55.2 | 63.8 | 69.6 | 77.2 | 78.5 | 74.9 | 62.4 | 55.7 | 47.7 | 60.4   |
| 1961 | 41.6 | 42.0 | 47.6 | 58.5 | 66.3 | 71.5 | 79.8 | 79.9 | 76.6 | 65.0 | 56.4 | 47.5 | 61.1   |
| 1962 | 42.6 | 44.3 | 48.2 | 57.0 | 64.1 | 68.9 | 76.0 | 80.8 | 76.1 | 62.5 | 53.5 | 47.9 | 60.2   |
| 1963 | 41.1 | 42.1 | 46.3 | 56.9 | 64.0 | 69.7 | 77.2 | 78.8 | 70.5 | 61.6 | 55.3 | 49.0 | 59.4   |
| 1964 | 43.7 | 40.6 | 46.8 | 59.3 | 65.2 | 69.7 | 76.2 | 81.1 | 72.1 | 61.8 | 54.5 | 47.1 | 59.8   |
| 1965 | 42.7 | 42.9 | 45.4 | 52.3 | 63.2 | 70.8 | 75.8 | 79.8 | 72.0 | 63.0 | 57.0 | 46.8 | 59.3   |
| 1966 | 42.2 | 45.9 | 50.0 | 56.3 | 63.1 | 67.6 | 75.4 | 79.8 | 73.6 | 65.8 | 56.3 | 45.2 | 60.1   |
| 1967 | 41.3 | 41.5 | 48.8 | 56.8 | 66.3 | 72.6 | 78.3 | 80.9 | 72.5 | 62.6 | 54.7 | 45.9 | 60.2   |
| 1968 | 43.7 | 39.9 | 49.3 | 56.8 | 63.0 | 70.2 | 75.6 | 79.5 | 70.8 | 61.3 | 57.7 | 51.4 | 59.9   |
| 1969 | 43.4 | 42.9 | 46.5 | 58.2 | 66.3 | 69.9 | 75.4 | 80.4 | 73.0 | 62.3 | 55.0 | 46.9 | 60.0   |
| 1970 | 41.9 | 44.0 | 43.2 | 55.1 | 65.8 | 68.2 | 75.6 | 79.2 | 74.2 | 63.4 | 55.1 | 45.6 | 59.3   |
| 1971 | 42.7 | 42.9 | 47.1 | 55.7 | 63.7 | 70.0 | 77.7 | 80.3 | 70.6 | 61.2 | 54.4 | 47.9 | 59.5   |
| 1972 | 46.1 | 42.7 | 49.4 | 56.1 | 64.9 | 70.2 | 77.1 | 79.6 | 73.6 | 65.6 | 55.2 | 48.1 | 60.7   |
| 1973 | 44.9 | 45.8 | 47.1 | 59.2 | 63.9 | 68.0 | 78.1 | 82.3 | 73.4 | 63.5 | 54.5 | 45.4 | 60.5   |
| 1974 | 41.2 | 42.4 | 46.1 | 59.2 | 66.6 | 71.4 | 73.9 | 80.3 | 73.0 | 64.0 | 53.8 | 45.3 | 59.8   |
| 1975 | 41.8 | 42.0 | 47.0 | 57.5 | 65.2 | 70.7 | 77.3 | 80.3 | 77.6 | 63.5 | 55.5 | 46.2 | 60.4   |
| 1976 | 43.4 | 45.1 | 48.7 | 55.5 | 63.9 | 70.6 | 74.4 | 77.5 | 71.8 | 63.7 | 53.6 | 46.6 | 59.6   |
| 1977 | 39.9 | 42.6 | 49.0 | 59.0 | 64.8 | 69.0 | 77.9 | 76.2 | 75.2 | 65.4 | 59.3 | 50.1 | 60.7   |
| 1978 | 44.2 | 40.8 | 47.8 | 56.7 | 65.9 | 73.4 | 81.0 | 83.2 | 71.4 | 63.6 | 55.6 | 48.9 | 61.0   |
| 1979 | 45.2 | 46.6 | 50.4 | 56.7 | 64.3 | 73.6 | 76.1 | 80.8 | 74.9 | 66.1 | 58.1 | 50.5 | 62.1   |
| 1980 | 43.7 | 41.8 | 47.0 | 56.3 | 65.3 | 73.2 | 74.7 | 73.8 | 72.9 | 64.7 | 55.5 | 46.7 | 59.6   |
| 1981 | 41.0 | 42.1 | 47.9 | 56.4 | 63.1 | 68.4 | 78.2 | 78.9 | 71.2 | 64.1 | 52.4 | 47.6 | 59.3   |
| 1982 | 44.0 | 43.1 | 49.6 | 57.0 | 68.0 | 70.0 | 72.8 | 79.6 | 71.0 | 63.0 | 57.3 | 49.3 | 60.4   |
| 1983 | 43.6 | 42.5 | 47.3 | 59.7 | 66.0 | 67.6 | 74.4 | 80.3 | 73.1 | 62.8 | 53.3 | 44.9 | 59.6   |
| 1984 | 39.0 | 37.7 | 42.0 | 52.2 | 61.9 | 70.6 | 79.4 | 82.9 | 73.0 | 62.1 | 54.5 | 46.1 | 58.4   |
| 1985 | 39.7 | 44.4 | 46.5 | 57.6 | 66.0 | 67.9 | 78.6 | 81.4 | 73.3 | 63.8 | 56.1 | 45.9 | 60.1   |
| 1986 | 40.3 | 39.6 | 48.4 | 58.9 | 65.5 | 70.8 | 77.3 | 82.2 | 75.8 | 64.0 | 55.7 | 49.2 | 60.6   |
| 1987 | 45.1 | 46.3 | 50.3 | 58.3 | 67.4 | MISS | 80.3 | 82.7 | 74.8 | 67.2 | 57.6 | 49.4 | MISS   |

TOTAL PRECIPITATION (INCHES)  
(FROM DAILY OBS)U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
PAGE : 1

| YEAR | JAN  | FEB  | MAR  | APR  | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV  | DEC  | ANNUAL |
|------|------|------|------|------|-------|-------|-------|-------|-------|-------|------|------|--------|
| 1953 | MISS | MISS | 3.05 | 3.66 | 6.01  | 9.89  | 7.27  | 6.08  | 12.10 | 5.85  | .95  | 1.91 | 56.77P |
| 1954 | 3.55 | 2.57 | 5.17 | 6.50 | 7.62  | 16.03 | 2.77  | 3.71  | 9.41  | 5.32  | 6.30 | 3.50 | 72.45  |
| 1955 | 1.74 | 3.27 | 8.33 | 5.40 | 6.45  | 6.06  | 2.97  | 11.77 | 12.21 | 13.21 | 2.95 | 1.83 | 76.19  |
| 1956 | 3.32 | 1.02 | 7.34 | 6.61 | 12.67 | 7.88  | 6.47  | 4.25  | 8.73  | 12.95 | 3.72 | .66  | 75.62  |
| 1957 | 1.09 | 2.96 | 2.54 | 5.64 | 9.30  | 16.09 | 7.36  | 2.01  | 16.42 | 6.78  | 3.36 | 2.19 | 75.74  |
| 1958 | 3.38 | 2.06 | 4.67 | 2.09 | 4.20  | 3.45  | 6.56  | 4.16  | 13.72 | 11.12 | 4.06 | 5.33 | 64.80  |
| 1959 | 3.01 | 7.23 | 4.55 | 2.48 | 8.08  | 3.66  | 3.81  | 5.55  | 6.02  | 7.60  | 7.20 | 5.47 | 64.66  |
| 1960 | 1.88 | .26  | 3.90 | 7.76 | 8.59  | 3.60  | 4.74  | 9.39  | 7.63  | 7.19  | 4.53 | 2.68 | 62.15  |
| 1961 | 1.58 | 1.19 | 5.04 | 6.89 | 3.99  | 14.87 | .84   | 1.95  | 2.83  | 6.44  | 4.34 | 1.33 | 51.29  |
| 1962 | 1.53 | .52  | 2.85 | 6.25 | 9.28  | 9.12  | 6.56  | 2.46  | 1.25  | 4.17  | 9.41 | 2.30 | 55.70  |
| 1963 | .11  | 1.08 | 4.55 | 2.86 | 9.61  | 11.53 | 3.77  | 7.00  | 4.21  | 11.84 | 3.31 | 1.52 | 61.39  |
| 1964 | 5.77 | 2.38 | 5.11 | 2.86 | 4.67  | 5.77  | 1.90  | 2.93  | 6.73  | 5.84  | 2.47 | 2.27 | 48.70  |
| 1965 | 2.01 | .88  | 3.47 | 4.27 | 15.11 | 8.39  | 4.28  | 5.14  | 11.43 | 5.56  | 4.97 | 2.24 | 67.75  |
| 1966 | 1.18 | 5.40 | 4.57 | 7.37 | 10.70 | 16.70 | 4.44  | 4.53  | 5.55  | 4.45  | 1.42 | .80  | 67.11  |
| 1967 | 2.54 | 2.79 | 3.22 | 5.74 | 2.20  | 4.99  | 4.37  | 4.77  | 4.97  | 7.52  | 4.58 | .90  | 48.59  |
| 1968 | 1.39 | 1.46 | 6.59 | 6.15 | 9.17  | 7.11  | 7.89  | 12.91 | 2.69  | 6.24  | 2.22 | 9.45 | 73.27  |
| 1969 | 3.02 | 5.46 | 6.18 | 3.53 | 5.19  | 13.23 | 5.90  | 5.75  | 3.05  | 5.38  | 4.62 | .53  | 61.84  |
| 1970 | 2.56 | 2.97 | 3.89 | 4.16 | 7.13  | 12.73 | 7.77  | 2.59  | 3.59  | 4.70  | 4.71 | 1.89 | 58.69  |
| 1971 | 1.70 | 2.18 | 3.18 | 6.30 | 3.50  | 4.59  | 2.41  | 4.15  | 8.74  | 9.38  | .79  | 2.11 | 49.03  |
| 1972 | 3.22 | 6.42 | 1.76 | 5.70 | 4.96  | 5.92  | 10.33 | 4.26  | 9.95  | 3.24  | 3.89 | 3.70 | 63.35  |
| 1973 | 4.44 | 2.59 | .61  | 7.68 | 6.54  | 4.38  | 3.64  | 2.19  | 6.20  | 10.57 | 6.37 | .01  | 55.22  |
| 1974 | .70  | 3.34 | 4.18 | 7.05 | 5.64  | 9.44  | 16.22 | 5.69  | 9.99  | 7.32  | 1.80 | 1.26 | 74.63  |
| 1975 | 3.02 | 3.78 | 4.57 | 5.67 | 6.50  | 5.99  | 9.68  | 1.93  | 4.56  | 16.51 | 8.83 | 4.11 | 75.15  |
| 1976 | .08  | 4.49 | 5.93 | 6.67 | 9.41  | 7.91  | 9.08  | 6.79  | 7.10  | 8.33  | 3.17 | 1.55 | 70.51  |
| 1977 | 1.30 | 1.03 | 8.17 | 6.27 | 3.86  | 11.33 | 1.94  | 10.57 | 9.31  | 1.53  | 9.23 | 1.89 | 66.43  |
| 1978 | 1.00 | .85  | 8.52 | 4.82 | 5.02  | 6.09  | 2.47  | 1.94  | 7.13  | 6.47  | 2.32 | 1.66 | 49.29  |
| 1979 | 2.27 | 5.13 | 4.04 | 6.73 | 5.71  | 4.04  | 4.28  | 3.51  | 5.93  | 12.42 | 8.62 | 2.39 | 65.07  |
| 1980 | 6.18 | 1.62 | 8.30 | 6.97 | 8.42  | 5.39  | 7.87  | 9.83  | 8.10  | 7.94  | 7.93 | 3.11 | 81.66  |
| 1981 | .48  | 2.51 | 6.65 | 9.45 | 4.51  | 4.48  | 8.33  | 4.30  | 5.77  | 13.56 | 4.86 | .39  | 65.29  |
| 1982 | 2.94 | 3.14 | 3.99 | 7.53 | 3.94  | 6.84  | 10.16 | 5.07  | 17.15 | 5.05  | 4.26 | 2.07 | 72.14  |
| 1983 | 1.38 | 2.29 | 6.41 | 5.72 | 3.85  | 9.29  | 4.71  | 8.36  | 9.45  | 7.00  | 2.15 | 1.11 | 61.72  |
| 1984 | 1.98 | 2.29 | 3.31 | 2.72 | 2.77  | 11.07 | 3.05  | .61   | 3.96  | 3.25  | 1.29 | 3.11 | 39.45  |
| 1985 | .61  | 6.50 | 6.19 | 9.38 | 4.74  | 19.43 | 3.18  | 7.41  | 4.37  | 5.19  | 4.21 | 1.37 | 72.58  |
| 1986 | .70  | 1.57 | 7.55 | 4.79 | 12.69 | 3.51  | 3.11  | 6.89  | 8.52  | 3.56  | 1.86 | 3.82 | 58.57  |
| 1987 | 1.27 | 1.63 | 5.47 | 2.80 | 5.59  | MISS  | 2.46  | 1.43  | 7.81  | 8.90  | 2.05 | 3.10 | 42.51P |

## 36 - WEATHER CONDITIONS

ATMOSPHERIC PHENOMENON  
(FROM DAILY OBSERVATIONS)U43323 YOKOSUKA, JAPAN  
PERIOD OF RECORD : 1953-1987LAT. : 35 17N LONG. : 139 40E ELEV. : 10 FT  
MONTH : ALL

| MONTH | HOURS<br>(LST) | TSTM | RAIN<br>E/OR<br>DRIZZLE | FREEZE<br>RAIN &<br>FREEZE<br>DRIZZLE | SNOW<br>E/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG  | SMOKE<br>E/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>E/OR<br>SAND | % OBS.<br>W/OBST<br>VISION | TOTAL<br>NO. OF<br>OBS. |
|-------|----------------|------|-------------------------|---------------------------------------|-----------------------|------|----------------------------|------|-----------------------|-----------------|----------------------|----------------------------|-------------------------|
| JAN   | DAILY          | 1.3  | 29.5                    | .0                                    | 9.2                   | .0   | 34.0                       | 25.7 | 64.5                  | .0              | .0                   | 69.7                       | 861                     |
| FEB   | DAILY          | .9   | 36.8                    | .0                                    | 11.1                  | .0   | 40.6                       | 35.2 | 64.9                  | .1              | .1                   | 76.9                       | 749                     |
| MAR   | DAILY          | 1.2  | 50.3                    | .0                                    | 8.7                   | .2   | 52.8                       | 45.0 | 62.6                  | .0              | .6                   | 75.2                       | 858                     |
| APR   | DAILY          | .7   | 54.5                    | .0                                    | .6                    | .1   | 54.7                       | 52.9 | 60.5                  | .1              | .0                   | 79.6                       | 837                     |
| MAY   | DAILY          | 2.5  | 50.6                    | .0                                    | .0                    | .0   | 50.6                       | 56.9 | 62.1                  | .0              | .0                   | 81.6                       | 865                     |
| JUN   | DAILY          | 3.9  | 62.1                    | .0                                    | .0                    | .0   | 62.1                       | 70.7 | 59.8                  | .0              | .0                   | 82.7                       | 839                     |
| JUL   | DAILY          | 4.1  | 54.6                    | .0                                    | .0                    | .0   | 54.6                       | 64.1 | 56.4                  | .0              | .0                   | 74.8                       | 894                     |
| AUG   | DAILY          | 6.1  | 45.4                    | .0                                    | .0                    | .0   | 45.4                       | 57.4 | 58.4                  | .0              | .0                   | 71.7                       | 863                     |
| SEP   | DAILY          | 4.6  | 59.4                    | .0                                    | .0                    | .0   | 59.4                       | 64.5 | 60.6                  | .0              | .0                   | 81.3                       | 863                     |
| OCT   | DAILY          | 1.1  | 56.1                    | .0                                    | .0                    | .0   | 56.1                       | 66.0 | 69.2                  | .0              | .0                   | 88.0                       | 887                     |
| NOV   | DAILY          | 1.3  | 43.3                    | .0                                    | .1                    | .0   | 43.3                       | 50.7 | 74.7                  | .0              | .0                   | 83.3                       | 860                     |
| DEC   | DAILY          | 1.8  | 30.1                    | .0                                    | 1.9                   | .0   | 31.0                       | 36.1 | 75.6                  | .0              | .0                   | 81.6                       | 888                     |
| ANN   | DAILY          | 2.5  | 47.8                    | .0                                    | 2.5                   | .0*  | 48.8                       | 52.3 | 64.1                  | .0*             | .1                   | 78.9                       | 10264                   |

NOTES :

\* = PERCENT &lt; .05



# STATION CLIMATIC SUMMARY

43323 YOKOSUKA, JAPAN      PERIOD OF RECORD (HOURLY): 1943-1947      PERIOD OF RECORD (DAILY): 1953-1967      LAT.: 35 17N      LONG.: 139 40E      ELEV.: 10 FT

| TEMPERATURE (DEG F) |         | PRECIPITATION (INCHES) |          | REL HUMIDITY (%) |      | PR WIND (KTS) |      | MEAN NO. OF DAYS WITH (E) |     | SKY PRECIP. (INCHES) |     | TEMP (DEG F) |     |
|---------------------|---------|------------------------|----------|------------------|------|---------------|------|---------------------------|-----|----------------------|-----|--------------|-----|
| MEAN                | EXTREME | PRECIP.                | SNOWFALL | PERCENT          | FT.  | ALT.          |      |                           |     |                      |     |              |     |
| MAX                 | MIN     | MAX                    | MIN      | MAX              | MIN  | MAX           | MIN  | MAX                       | MIN | MAX                  | MIN | MAX          | MIN |
| JAN 49              | 36      | 42                     | 73       | 25               | 2.1  | 6.2           | 1.1  | 9                         | 68  | 55                   | 16  | 70           | 80  |
| FEB 50              | 37      | 43                     | 75       | 25               | 2.8  | 7.2           | 3    | 15                        | 8   | 70                   | 58  | 17           | 75  |
| MAR 54              | 41      | 43                     | 72       | 28               | 5.0  | 8.5           | 6    | 10                        | 8   | 75                   | 61  | 22           | 80  |
| APR 64              | 50      | 57                     | 81       | 34               | 5.6  | 9.4           | 2    | 1                         | 8   | 81                   | 66  | 34           | 85  |
| MAY 71              | 56      | 65                     | 90       | 45               | 6.8  | 15.1          | 2    | 0                         | 0   | 85                   | 69  | 46           | 90  |
| JUN 75              | 64      | 70                     | 93       | 51               | 8.5  | 19.4          | 3    | 0                         | 0   | 91                   | 77  | 60           | 94  |
| JUL 82              | 71      | 77                     | 100      | 56               | 5.6  | 18.2          | 8    | 0                         | 0   | 93                   | 77  | 76           | 97  |
| AUG 85              | 74      | 80                     | 99       | 60               | 5.2  | 12.9          | 6    | 0                         | 0   | 91                   | 74  | 82           | 93  |
| SEP 78              | 68      | 73                     | 95       | 54               | 7.6  | 17.1          | 1    | 0                         | 0   | 89                   | 76  | 67           | 87  |
| OCT 69              | 58      | 64                     | 87       | 45               | 7.5  | 16.5          | 0    | 0                         | 0   | 84                   | 73  | 45           | 85  |
| NOV 81              | 50      | 55                     | 79       | 36               | 4.3  | 9.4           | 8    | 1                         | 1   | 77                   | 65  | 31           | 80  |
| DEC 84              | 41      | 48                     | 71       | 30               | 2.4  | 9.4           | 1    | 1                         | 1   | 72                   | 59  | 21           | 76  |
| ANN 66              | 54      | 60                     | 100      | 25               | 63.4 | 81.7          | 39.4 | 11                        | 4   | 91                   | 68  | 38           | 91  |
| POR 35              | 35      | 35                     | 35       | 35               | 35   | 35            | 35   | 35                        | 35  | 35                   | 35  | 35           | 35  |

## NOTES:

- T = TRACE AMOUNTS ( < .05, < .5 INCHES)
- F = MEAN NO. DAYS < .5 DAYS
- S = PRESSURE ALTITUDE IN TENS OF FEET (I.E., 51 = 500 FEET)
- N = NAVY STATIONS REPORTED HAIL AS SNOWFALL
- NWS STATIONS REPORTED HAIL AS SNOWFALL FOR THE PERIOD JULY 1948-DECEMBER 1955.
- + = THE PREDOMINANT SKY CONDITION
- \* = VISIBILITY IS NOT CONSIDERED
- E = ANNUAL TOTALS MAY DIFFER FROM THE SUM OF THE MONTHLY VALUES BECAUSE OF ROUNDING
- = 24 HOUR MAXIMUM PRECIPITATION AND SNOWFALL ARE DAILY TOTAL VALUES (MID-NIGHT TO MID-NIGHT TOTALS).
- \*\*\*\*\* = A STAR FILLED FIELD -- DATA NOT AVAILABLE