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TAI-NAN 5124

# DATA PROCESSING DIVISION
# ETAC, USAF
# Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

TAI-NAN FORMOSA/NEU-CHEU-TZE WMO #46743
N 22 57 E 120 12 ELEV 56 FT RCNN

PARTS A-F
POR FROM HOURLY OBS JAN 54-DEC 65
POR FROM DAILY OBS JAN 54-DEC 65

JUN 15 1970

**FEDERAL BUILDING**
**ASHEVILLE, N. C.**

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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|---|---|---|
| 1. REPORT NUMBER<br>USAFETAC/DS- 80/085 | 2. GOVT ACCESSION NO. | 3. RECIPIENT'S CATALOG NUMBER |
| 4. TITLE (and Subtitle)<br>Revised Uniform Summary of Surface Weather Observations (RUSSWO)-<br>Tai-Nan Formosa/ Neu-Cheu-tze | | 5. TYPE OF REPORT & PERIOD COVERED<br>Final rept.<br>6. PERFORMING ORG. REPORT NUMBER |
| 7. AUTHOR(s) | | 8. CONTRACT OR GRANT NUMBER(s) |
| 9. PERFORMING ORGANIZATION NAME AND ADDRESS<br>USAFETAC/OL-A<br>Air Force Environmental Technical Appl. Center<br>Scott AFB IL 62225 | | 10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS |
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18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

| | | |
|---|---|---|
| *RUSSWO | Daily temperatures | Atmospheric pressure |
| Snowfall | Extreme snow depth | Extreme surface winds |
| Climatology | Sea-level pressure | Psychrometeric summary |
| Surface Winds | Extreme temperature | Ceiling versus visibility |
| Relative Humidity | *Climatological data | (over) |

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statisitical summary of surface weather observations for Tai-Nan Formosa/Neu-Cheu-tze

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

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19. Percentage frenquency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Formosa ** Tai-Nan Formosa/Neu-Cheu-tze

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

DATA PROCESSING DIVISION
USAFETAC OL-1
AIR WEATHER SERVICE (MAC)

# REVISED UNIFORM SUMMARY
# OF SURFACE WEATHER OBSERVATIONS

## HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

## DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

## DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV.
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

## STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

## MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

| | | | |
|---|---|---|---|
| JANUARY_____ | APRIL_____ | JULY_____ | OCTOBER_____ |
| FEBRUARY_____ | MAY_____ | AUGUST_____ | NOVEMBER_____ |
| MARCH_____ | JUNE_____ | SEPTEMBER_____ | DECEMBER_____ |

| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | STATION ELEV (FT) | CALL SIGN | WMO NUMBER |
|---|---|---|---|---|---|---|
| 46743 | TAI-NAN FORMOSA/NEI-CHEU-TZE | N 22 57 | E 120 12 | 56 | RCNN | |

# STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY |
|---|---|---|---|---|---|---|---|---|---|
| | | | FROM | TO | | | STATION (FT) | TYPE BAROMETER | |
| 1 | Tai-Nan Formosa | Apt | Jan 53 | Dec 65 | N 22 57 | E 120 12 | 56 | NA | 24 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|---|---|---|---|---|---|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1 | Jan 53 to Dec 65 | Not Available | NA | NA | NA | Data from Taiwan microfilm |

USAF ETAC FORM APR 68 0-19 (OL-1)

CONTINUED ON REVERSE SIDE

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ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

# PART A WEATHER CONDITIONS

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

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

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

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

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.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

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.

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# WEATHER CONDITIONS

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | 00-02 | | 2.6 | | | | 2.6 | 7.6 | | | .2 | 7.8 | 1116 |
| | 03-05 | | 3.6 | | | | 3.6 | 17.2 | | | | 17.2 | 1116 |
| | 06-08 | | 4.5 | | | | 4.5 | 57.3 | 2.0 | | .4 | 59.4 | 1116 |
| | 09-11 | | 3.9 | | | | 3.9 | 33.2 | 17.7 | | 3.5 | 49.5 | 1116 |
| | 12-14 | | 3.3 | | | | 3.5 | 3.0 | 12.7 | | 4.8 | 19.9 | 1116 |
| | 15-17 | | 3.4 | | | | 3.4 | 1.1 | 15.7 | | 9.1 | 25.4 | 1116 |
| | 18-20 | | 3.1 | | | | 3.1 | 1.3 | 14.9 | | 6.5 | 22.1 | 1116 |
| | 21-23 | | 2.2 | | | | 2.2 | 1.7 | 1.7 | | 1.0 | 4.3 | 1116 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | | 3.4 | | | | 3.4 | 15.3 | 8.1 | | 3.2 | 25.7 | 8928 |

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# WEATHER CONDITIONS

46743 (STATION) TAI-NAN FURMOSA/HEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FEB | 00-02 | .2 | 3.4 | | | | 3.4 | 9.8 | .6 | | .3 | 10.6 | 1017 |
| | 03-05 | .2 | 3.8 | | | | 3.8 | 19.7 | .1 | | .4 | 20.2 | 1017 |
| | 06-08 | .1 | 4.6 | | | | 4.6 | 63.4 | 1.2 | | .3 | 64.3 | 1017 |
| | 09-11 | .1 | 3.8 | | | | 3.8 | 28.5 | 19.8 | | 1.4 | 45.4 | 1017 |
| | 12-14 | | 2.4 | | | | 2.4 | 2.4 | 11.5 | | 4.7 | 18.2 | 1017 |
| | 15-17 | | 2.1 | | | | 2.1 | 1.7 | 13.4 | | 9.5 | 24.3 | 1017 |
| | 18-20 | | 2.4 | | | | 2.4 | 1.9 | 15.0 | | 6.7 | 23.3 | 1017 |
| | 21-23 | | 4.2 | | | | 4.2 | 3.1 | 1.8 | | 1.1 | 6.0 | 1017 |
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| TOTALS | | .1 | 3.3 | | | | 3.3 | 16.3 | 7.9 | | 3.1 | 26.5 | 8136 |

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# WEATHER CONDITIONS

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAR | 00-02 | .1 | 3.3 | | | | 3.3 | 4.9 | .2 | | .1 | 5.1 | 1113 |
| | 03-05 | .4 | 3.7 | | | | 3.7 | 14.6 | | | | 14.6 | 1113 |
| | 06-08 | .3 | 5.2 | | | | 5.2 | 68.8 | 2.4 | | .4 | 70.9 | 1113 |
| | 09-11 | .1 | 4.7 | | | | 4.7 | 28.4 | 22.6 | | 1.8 | 46.5 | 1113 |
| | 12-14 | | 3.9 | | | | 3.9 | 3.1 | 11.9 | | 4.5 | 18.7 | 1113 |
| | 15-17 | .2 | 3.1 | | | | 3.1 | 2.4 | 10.1 | | 9.9 | 22.1 | 1113 |
| | 18-20 | .1 | 3.1 | | | | 3.1 | 2.7 | 8.6 | | 6.6 | 17.5 | 1113 |
| | 21-23 | .1 | 2.7 | | | | 2.7 | 2.3 | 2.0 | | 1.5 | 5.8 | 1113 |
| | | | | | | | | | | | | | |
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| TOTALS | | .2 | 3.7 | | | | 3.7 | 15.9 | 7.2 | | 3.1 | 25.2 | 8904 |

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# WEATHER CONDITIONS

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) APR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APR | 00-02 | .1 | 3.9 | | | | 3.9 | 2.7 | | | | 2.7 | 1079 |
| | 03-05 | .1 | 4.4 | | | | 4.4 | 15.6 | | | | 15.6 | 1080 |
| | 06-08 | .2 | 3.6 | | | | 3.6 | 73.1 | 4.5 | | .2 | 75.6 | 1080 |
| | 09-11 | .2 | 4.6 | | | | 4.6 | 14.5 | 15.8 | | .9 | 27.2 | 1080 |
| | 12-14 | .1 | 3.8 | | | | 3.8 | 1.3 | 3.9 | | 2.2 | 7.1 | 1080 |
| | 15-17 | | 3.1 | | | | 3.1 | .9 | 3.8 | | 4.2 | 8.6 | 1080 |
| | 18-20 | .1 | 3.2 | | | | 3.2 | 1.6 | 3.6 | | 3.1 | 7.9 | 1080 |
| | 21-23 | | 3.0 | | | | 3.0 | 1.2 | .8 | | .1 | 2.1 | 1080 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | .1 | 3.7 | | | | 3.7 | 13.9 | 4.1 | | 1.3 | 18.4 | 8639 |

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# WEATHER CONDITIONS

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAY (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY | 00-02 | .2 | 3.3 | | | | 3.3 | 1.2 | .1 | | | 1.3 | 1116 |
| | 03-05 | .6 | 4.2 | | | | 4.2 | 12.6 | .1 | | | 12.7 | 1116 |
| | 06-08 | .2 | 6.0 | | | | 6.0 | 55.5 | 2.6 | | .1 | 57.3 | 1116 |
| | 09-11 | .7 | 7.4 | | | | 7.4 | 6.5 | 5.6 | | .4 | 11.1 | 1116 |
| | 12-14 | .7 | 5.7 | | | | 5.7 | .6 | 1.3 | | .6 | 2.4 | 1116 |
| | 15-17 | .4 | 6.5 | | | | 6.5 | .6 | .7 | | .8 | 2.2 | 1116 |
| | 18-20 | .2 | 6.1 | | | | 6.1 | .3 | 1.2 | | .7 | 2.2 | 1116 |
| | 21-23 | .3 | 4.3 | | | | 4.3 | | .4 | | .2 | .4 | 1116 |
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| TOTALS | | .4 | 5.4 | | | | 5.4 | 9.7 | 1.5 | | .4 | 11.2 | 8928 |

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# WEATHER CONDITIONS

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN | 00-02 | .3 | 11.5 | | | | 11.5 | .6 | | | | .6 | 1080 |
| | 03-05 | .4 | 13.8 | | | | 13.8 | 6.6 | | | | 6.6 | 1080 |
| | 06-08 | 1.4 | 17.2 | | | | 17.2 | 31.7 | 1.2 | | | 32.3 | 1080 |
| | 09-11 | 1.1 | 16.8 | | | | 16.8 | 2.2 | .4 | | | 2.4 | 1080 |
| | 12-14 | 1.4 | 13.6 | | | | 13.6 | .3 | .2 | | .2 | .6 | 1080 |
| | 15-17 | 1.4 | 13.3 | | | | 13.3 | .4 | | | .2 | .6 | 1080 |
| | 18-20 | 2.0 | 12.9 | | | | 12.9 | .4 | | | | .4 | 1080 |
| | 21-23 | 1.4 | 10.0 | | | | 10.0 | .2 | | | | .2 | 1080 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.2 | 13.6 | | | | 13.6 | 5.3 | .2 | | .1 | 5.5 | 8640 |

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1210 WS FORM 0-10-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 00-02 | .6 | 7.7 | | | | 7.7 | .1 | | | | .1 | 1116 |
| | 03-05 | .8 | 8.9 | | | | 8.9 | 2.6 | | | | 2.6 | 1116 |
| | 06-08 | 1.0 | 12.3 | | | | 12.3 | 29.3 | .7 | | | 29.8 | 1116 |
| | 09-11 | .8 | 12.2 | | | | 12.2 | 1.3 | .5 | | .4 | 2.2 | 1116 |
| | 12-14 | 1.3 | 10.7 | | | | 10.7 | | | | .3 | .3 | 1116 |
| | 15-17 | 2.7 | 12.7 | | | | 12.7 | | .2 | | .3 | .4 | 1116 |
| | 18-20 | 3.4 | 14.7 | | | | 14.7 | .1 | .3 | | | .4 | 1116 |
| | 21-23 | 1.4 | 8.2 | | | | 8.2 | .1 | | | | .1 | 1116 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.5 | 10.9 | | | | 10.9 | 4.2 | .2 | | .1 | 4.5 | 8928 |

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JULY 64

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AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

46743 (STATION) TAI-WAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG | 00-02 | .2 | 12.2 | | | | 12.2 | .5 | | | | .5 | 1113 |
| | 03-05 | 1.3 | 12.8 | | | | 12.8 | 2.6 | | | | 2.6 | 1113 |
| | 06-08 | 1.0 | 13.9 | | | | 13.9 | 39.1 | 1.1 | | | 39.7 | 1113 |
| | 09-11 | .6 | 14.1 | | | | 14.1 | 2.5 | 1.2 | | | 3.3 | 1113 |
| | 12-14 | 1.2 | 14.0 | | | | 14.0 | .3 | .7 | | .1 | 1.0 | 1113 |
| | 15-17 | 2.7 | 15.4 | | | | 15.4 | .3 | .6 | | .2 | 1.1 | 1113 |
| | 18-20 | 3.5 | 17.5 | | | | 17.5 | .7 | .4 | | .4 | 1.5 | 1112 |
| | 21-23 | 1.2 | 13.6 | | | | 13.6 | .3 | | | | .3 | 1113 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.5 | 14.2 | | | | 14.2 | 5.8 | .5 | | .1 | 6.3 | 8903 |

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

1210 WS FORM 0-10-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP | 00-02 | .2 | 7.5 | | | | 7.5 | 1.8 | .7 | | | 2.5 | 1080 |
| | 03-05 | | 9.2 | | | | 9.2 | 8.8 | .2 | | | 9.0 | 1080 |
| | 06-08 | | 6.5 | | | | 6.5 | 60.6 | .7 | | | 60.9 | 1080 |
| | 09-11 | .4 | 7.0 | | | | 7.0 | 8.3 | 5.5 | | | 12.7 | 1080 |
| | 12-14 | .3 | 8.4 | | | | 8.4 | .6 | 1.7 | | .d | 2.9 | 1080 |
| | 15-17 | 2.1 | 9.7 | | | | 9.7 | .4 | 3.7 | | 2.0 | 5.9 | 1080 |
| | 18-20 | 2.1 | 11.2 | | | | 11.2 | .6 | 4.4 | | 1.7 | 6.6 | 1080 |
| | 21-23 | 1.3 | 9.6 | | | | 9.6 | .4 | 1.1 | | .3 | 1.7 | 1080 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .8 | 8.6 | | | | 8.6 | 10.2 | 2.3 | | .6 | 12.8 | 8640 |

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT | 00-02 | | 1.0 | | | | 1.0 | 1.5 | .1 | | .1 | 1.7 | 1116 |
| | 03-05 | | 1.3 | | | | 1.3 | 12.5 | | | | 12.5 | 1116 |
| | 06-08 | | 1.3 | | | | 1.3 | 81.3 | 1.7 | | .1 | 82.4 | 1116 |
| | 09-11 | | 1.1 | | | | 1.1 | 18.2 | 17.0 | | .4 | 33.8 | 1116 |
| | 12-14 | | 1.2 | | | | 1.2 | .6 | 5.9 | | 1.5 | 8.1 | 1116 |
| | 15-17 | .3 | 2.1 | | | | 2.1 | .3 | 16.8 | | 5.4 | 22.3 | 1116 |
| | 18-20 | .5 | 2.4 | | | | 2.4 | 1.1 | 16.5 | | 4.3 | 21.6 | 1116 |
| | 21-23 | | 1.3 | | | | 1.3 | .3 | 2.1 | | .5 | 2.9 | 1116 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 1.5 | | | | 1.5 | 14.5 | 7.5 | | 1.5 | 23.2 | 8928 |

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | 00-02 | | 2.4 | | | | 2.4 | 6.9 | | | | 6.9 | 1080 |
| | 03-05 | .1 | 2.9 | | | | 2.9 | 21.3 | | | | 21.3 | 1080 |
| | 06-08 | .1 | 3.1 | | | | 3.1 | 69.4 | 1.0 | | .1 | 70.4 | 1080 |
| | 09-11 | | 2.5 | | | | 2.5 | 19.2 | 19.1 | | 1.2 | 37.8 | 1080 |
| | 12-14 | | 2.1 | | | | 2.1 | .3 | 6.7 | | 3.0 | 9.7 | 1080 |
| | 15-17 | | 2.8 | | | | 2.8 | | 17.8 | | 8.5 | 26.2 | 1080 |
| | 18-20 | | 2.0 | | | | 2.0 | .6 | 12.6 | | 5.0 | 18.1 | 1080 |
| | 21-23 | | 2.2 | | | | 2.2 | 1.6 | .6 | | .4 | 2.6 | 1080 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOT. LS | | .0 | 2.5 | | | | 2.5 | 14.9 | 7.2 | | 2.3 | 24.1 | 8640 |

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

1210 WS FORM 0-10-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEC | 00-02 | | 2.5 | | | | 2.5 | 8.1 | .2 | | | 8.2 | 1116 |
| | 03-05 | | 3.0 | | | | 3.0 | 19.6 | | | | 19.6 | 1116 |
| | 06-08 | | 3.4 | | | | 3.4 | 65.1 | 1.5 | | .1 | 66.2 | 1116 |
| | 09-11 | | 1.9 | | | | 1.9 | 29.1 | 21.1 | | 1.2 | 46.5 | 1116 |
| | 12-14 | | 1.7 | | | | 1.7 | 1.1 | 9.1 | | 2.8 | 12.6 | 1116 |
| | 15-17 | | 1.8 | | | | 1.8 | .1 | 15.7 | | 6.7 | 22.1 | 1116 |
| | 18-20 | | 2.7 | | | | 2.7 | .6 | 11.0 | | 4.0 | 15.4 | 1116 |
| | 21-23 | | 2.1 | | | | 2.1 | 2.0 | 1.3 | | .2 | 3.4 | 1116 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 2.4 | | | | 2.4 | 15.7 | 7.3 | | 1.9 | 24.3 | 8928 |

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

1210 WS FORM 0-10-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) ALL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | ALL | | 3.4 | | | | 3.4 | 15.3 | 8.1 | | 3.2 | 25.7 | 8928 |
| FEB | | .1 | 3.3 | | | | 3.3 | 16.3 | 7.9 | | 3.1 | 26.5 | 8136 |
| MAR | | .2 | 3.7 | | | | 3.7 | 15.9 | 7.2 | | 3.1 | 25.2 | 8904 |
| APR | | .1 | 3.7 | | | | 3.7 | 13.9 | 4.1 | | 1.3 | 18.4 | 8639 |
| MAY | | .4 | 5.4 | | | | 5.4 | 9.7 | 1.5 | | .4 | 11.2 | 8928 |
| JUN | | 1.2 | 13.6 | | | | 13.6 | 5.3 | .2 | | .1 | 5.5 | 8640 |
| JUL | | 1.5 | 10.9 | | | | 10.9 | 4.2 | .2 | | .1 | 4.5 | 8928 |
| AUG | | 1.5 | 14.2 | | | | 14.2 | 5.8 | .5 | | .1 | 6.3 | 8903 |
| SEP | | .8 | 8.6 | | | | 8.6 | 10.2 | 2.3 | | .6 | 12.8 | 8640 |
| OCT | | .1 | 1.5 | | | | 1.5 | 14.5 | 7.5 | | 1.5 | 23.2 | 8928 |
| NOV | | .0 | 2.5 | | | | 2.5 | 14.9 | 7.2 | | 2.3 | 24.1 | 8640 |
| DEC | | | 2.4 | | | | 2.4 | 15.7 | 7.5 | | 1.9 | 24.3 | 8928 |
| TOTALS | | .5 | 6.1 | | | | 6.1 | 11.8 | 4.5 | | 1.5 | 17.3 | 105142 |

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

210 WS FORM 0-10-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY 64

# PART A ATMOSPHERIC PHENOMENA

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.

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.

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 WBAN 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.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) ALL (MONTH)

## PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | DAILY | | 18.3 | | | | 18.3 | 75.0 | 55.4 | | 14.0 | 89.0 | 372 |
| FEB | | .6 | 21.5 | | | | 21.5 | 80.5 | 52.5 | | 14.7 | 91.2 | 339 |
| MAR | | 1.9 | 18.9 | | | | 18.9 | 84.9 | 55.0 | | 13.7 | 94.3 | 372 |
| APR | | 1.1 | 16.4 | | | | 16.4 | 87.5 | 38.6 | | 7.8 | 91.7 | 360 |
| MAY | | 4.0 | 23.9 | | | | 23.9 | 75.3 | 18.3 | | 1.9 | 76.9 | 372 |
| JUN | | 14.7 | 52.2 | | | | 52.2 | 51.9 | 3.9 | | .8 | 52.5 | 360 |
| JUL | | 17.5 | 50.5 | | | | 50.5 | 47.3 | 4.3 | | .5 | 48.7 | 372 |
| AUG | | 14.6 | 52.8 | | | | 52.8 | 58.2 | 5.1 | | .8 | 59.3 | 371 |
| SEP | | 10.3 | 45.3 | | | | 45.3 | 76.4 | 19.7 | | 3.1 | 80.0 | 360 |
| OCT | | 1.9 | 11.8 | | | | 11.8 | 90.6 | 52.7 | | 8.1 | 94.9 | 372 |
| NOV | | .6 | 12.2 | | | | 12.2 | 79.7 | 50.6 | | 11.9 | 93.6 | 360 |
| DEC | | | 11.3 | | | | 11.3 | 81.2 | 58.3 | | 9.9 | 93.0 | 372 |
| TOTALS | | 5.6 | 27.9 | | | | 27.9 | 74.0 | 34.5 | | 7.3 | 80.4 | 4381 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

# PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

| | |
|---|---|
| PRECIPITATION | DERIVED FROM DAILY OBSERVATIONS |
| SNOWFALL* | DERIVED FROM DAILY OBSERVATIONS |
| SNOW DEPTH | DERIVED FROM DAILY OBSERVATIONS |

1. The first table for each of the above presents 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). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: 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:

| | | |
|---|---|---|
| Air Force Stations | From beginning of record thru 1945 | Snow depth at 0800 LST |
| | Jan 46-May 57 | Snow depth at 1230 GCT |
| | Jun 57-present | Snow depth at 1200 GCT |
| U. S. Navy and Weather Bureau Stations | From beginning of record thru Jun 52 | Snow depth at 0030 GCT |
| | Jul 52-May 57 | Snow depth at 1230 GCT |
| | Jun 57-present | Snow depth at 1200 GCT |

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

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AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS)

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP | NON* | TRACE | 01 | 02 05 | 06-10 | 11 25 | 26 50 | 51 100 | 1 01-2 50 | 2 51 5 00 | 5 01 10 00 | 10 01-20 00 | OVER 20 00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01 04 | 05 14 | 1.5 2 4 | 2 5 3 4 | 3 5 4 4 | 4 5 6 4 | 6 5-10 4 | 10 5 15 4 | 15 5 25 4 | 25 5-50 4 | OVER 50 4 | | | | | |
| SNOW-DEPTH | NONE | TRACE | 1 | 2 | 3 | 4 6 | 7-12 | 13 24 | 25 36 | 37-48 | 49 60 | 61 120 | OVER 120 | | | | | |
| JAN | 81.7 | 8.2 | .5 | 2.2 | 1.1 | 1.6 | 2.7 | 1.3 | | | | | 1.3 | 9.4 | 372 | .70 | 2.11 | TRACE |
| FEB | 74.5 | 9.1 | 1.3 | 3.2 | 1.3 | 3.9 | 1.9 | .6 | .3 | | | | 0.9 | 12.5 | 311 | .60 | 1.80 | .00 |
| MAR | 81.5 | 4.7 | 2.3 | 2.1 | 2.3 | 2.1 | 3.2 | .9 | .9 | | | | 1.8 | 13.8 | 341 | 1.10 | 3.70 | .00 |
| APR | 83.3 | 4.2 | .3 | 2.7 | .9 | 2.7 | 2.8 | 1.5 | 1.2 | .6 | | | 3.3 | 12.4 | 330 | 1.83 | 7.76 | TRACE |
| MAY | 79.8 | 5.8 | 1.9 | 3.0 | 1.9 | 4.0 | 1.9 | 2.4 | 1.3 | 2.2 | | | 5.9 | 18.5 | 372 | 3.76 | 19.02 | TRACE |
| JUN | 46.7 | 8.9 | 1.7 | 4.4 | 3.9 | 7.8 | 6.1 | 6.9 | 10.3 | 3.1 | .6 | | 20.9 | 44.7 | 360 | 12.33 | 24.63 | 1.44 |
| JUL | 46.5 | 12.1 | 2.7 | 4.6 | 7.0 | 5.1 | 5.9 | 5.1 | 7.3 | 3.2 | .3 | .3 | 16.2 | 41.4 | 372 | 11.42 | 26.76 | 1.10 |
| AUG | 48.1 | 8.2 | 1.2 | 5.3 | 5.3 | 7.0 | 5.. | 6.7 | 6.5 | 3.0 | 2.3 | .3 | 19.6 | 43.7 | 341 | 15.74 | 47.78 | 1.45 |
| SEP | 53.9 | 11.1 | 2.8 | 5.3 | 5.0 | 6.9 | 5.1 | 2.2 | 4.7 | 1.4 | .6 | .3 | 9.2 | 35.0 | 360 | 7.87 | 37.83 | .58 |
| OCT | 87.4 | 5.4 | .6 | 2.2 | 1.6 | 2.2 | .3 | | .3 | | | | 0.3 | 7.3 | 372 | .32 | 2.08 | .00 |
| NOV | 87.6 | 6.4 | | 1.4 | 1.4 | .8 | .8 | .1 | .8 | | | | 1.4 | 5.8 | 360 | .71 | 3.13 | .00 |
| DEC | 88.7 | 5.4 | .3 | 1.1 | 1.3 | 1.9 | .5 | .8 | | | | | 0.8 | 5.9 | 372 | .34 | 1.38 | .00 |
| ANNUAL | 71.7 | 7.5 | 1.3 | 3.1 | 2.7 | 3.8 | 3.1 | 2.4 | 2.8 | 1.2 | .3 | .1 | | 20.9 | 4263 | 56.72 | | |

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
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# EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

46743 STATION | TAI-NAN FURMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS

## 24 HOUR AMOUNTS IN INCHES

| MONTH / YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | .38 | .23 | 1.07 | .92 | TRACE | 3.00 | .74 | 3.21 | .38 | .22 | 1.38 | .03 | |
| 55 | .59 | .00 | TRACE | 1.75 | .73 | 4.96 | 2.76 | 10.86 | 2.48 | .02 | .06 | .21 | 10.86 |
| 56 | .91 | .52 | .63 | 1.83 | 1.61 | 6.45 | 3.42 | 7.02 | 18.54 | 1.28 | .07 | .64 | |
| 57 | .31 | 1.22 | .38 | .20 | 4.65 | 4.07 | .73 | 1.09 | .80 | .22 | .00 | .69 | 4.65 |
| 58 | .43 | .26 | 1.95 | .17 | 3.70 | 2.70 | 4.48 | .99 | 4.54 | .17 | .00 | .55 | 4.54 |
| 59 | .41 | .51 | .00 | 2.93 | 3.67 | 1.27 | 8.91 | 6.98 | 1.02 | .26 | .96 | TRACE | 8.91 |
| 60 | TRACE | .07 | .53 | .49 | .11 | 2.28 | 1.94 | 4.36 | 2.39 | TRACE | .13 | .08 | 4.36 |
| 61 | .18 | .31 | .97 | .89 | .63 | .35 | 2.04 | 3.18 | 1.10 | .00 | 1.54 | .13 | |
| 62 | .32 | .29 | .50 | 2.01 | TRACE | 2.03 | 11.72 | .89 | 4.02 | .19 | .07 | TRACE | 11.72 |
| 63 | TRACE | .12 | 1.05 | .05 | TRACE | 1.46 | 4.92 | .68 | 3.85 | TRACE | .06 | .08 | 4.92 |
| 64 | .74 | .04 | .06 | TRACE | 3.64 | 2.80 | 1.12 | 3.27 | 1.35 | .11 | TRACE | .00 | |
| 65 | .16 | TRACE | .09 | 1.05 | 2.61 | 9.41 | 3.83 | 6.75 | .43 | .12 | 1.93 | .04 | 9.41 |
| MEAN | .37 | .30 | .57 | .95 | 1.78 | 3.40 | 3.88 | 4.18 | 3.41 | .20 | .52 | .20 | 7.42 |
| S D | .277 | .357 | .598 | .938 | 1.768 | 2.523 | 3.361 | 3.345 | 4.980 | .351 | .723 | .263 | 3.119 |
| TOTAL OBS | 372 | 311 | 341 | 330 | 372 | 360 | 372 | 341 | 360 | 372 | 360 | 372 | 4263 |

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

# EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

46743 STATION — TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME — 54-65 YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | | .23 | | | | | | | | | | | PRECIP |
| | | 27 | | | | | | | | | | | DAYS |
| 56 | | | | 1.83 | | | | | | | | | PRECIP |
| | | | | 29 | | | | | | | | | DAYS |
| 61 | | | .97 | | | | | | | | | | PRECIP |
| | | | 30 | | | | | | | | | | DAYS |
| 64 | | | | | | | | 3.27 | | | | | PRECIP |
| | | | | | | | | 30 | | | | | DAYS |
| MEAN | | | | | | | | | | | | | |
| S D. | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

USAF ETAC FORM JUL 64 0-88-5 (OLI)

DATA PROCESSING DIVISION
ETAC/JSAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

# PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: 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.

   NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders." DATA NOT AVAILABLE

2. 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.

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 0000-0200 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.3 | 16.0 | 27.8 | 12.9 | 3.4 | .2 | | | | | | 66.6 | 8.8 |
| NNE | .9 | 3.3 | 4.1 | 2.2 | .2 | | | | | | | 10.3 | 8.2 |
| NE | 2.0 | 7.2 | 1.9 | .3 | | | | | | | | 11.3 | 5.7 |
| ENE | | .1 | .2 | | | | | | | | | .3 | 6.3 |
| E | .4 | .8 | .1 | | | | | | | | | 1.3 | 4.4 |
| ESE | | .2 | | | | | | | | | | .2 | 4.3 |
| SE | | .5 | .1 | | | | | | | | | .6 | 5.7 |
| SSE | .1 | | | | | | | | | | | .1 | 3.3 |
| S | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | .1 | | | | | | | | | | .1 | 6.0 |
| WNW | | | | | | | | | | | | | |
| NW | .1 | 1.2 | 1.3 | .4 | | | | | | | | 3.1 | 7.3 |
| NNW | .4 | .8 | 1.3 | .4 | .1 | | | | | | | 2.9 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.8 | |
| | 7.8 | 32.1 | 37.1 | 16.2 | 3.7 | .2 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 1113

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-WAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 0300-0500 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.6 | 19.5 | 23.6 | 13.2 | 3.8 | .3 | | | | | | 64.9 | 8.7 |
| NNE | 1.4 | 3.0 | 4.6 | 2.3 | .5 | | | | | | | 11.8 | 8.1 |
| NE | 3.0 | 5.5 | 3.5 | | .2 | | | | | | | 12.2 | 5.6 |
| ENE | | .1 | | | | | | | | | | .1 | 4.0 |
| E | .5 | .5 | .2 | | | | | | | | | 1.2 | 4.2 |
| ESE | .1 | .2 | | | | | | | | | | .3 | 3.3 |
| SE | .2 | .2 | .2 | | | | | | | | | .5 | 5.0 |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | .1 | | | | | | | | | | | .1 | 3.0 |
| NW | .2 | .0 | 1.2 | | .1 | | | | | | | 2.3 | 7.4 |
| NNW | .5 | 1.7 | 1.4 | .7 | | | | | | | | 4.3 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.3 | |
| | 10.5 | 31.5 | 34.7 | 16.2 | 4.5 | .3 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 1104

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 0600-0800 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 14.5 | 24.6 | 13.5 | 3.4 | .3 | | | | | | 60.2 | 9.1 |
| NNE | 1.2 | 3.1 | 5.5 | 3.1 | .4 | | | | | | | 13.2 | 8.3 |
| NE | 2.7 | 8.0 | 4.2 | .9 | .1 | | | | | | | 15.7 | 5.7 |
| ENE | .2 | .5 | .2 | | | | | | | | | .8 | 4.7 |
| E | .4 | 1.6 | .3 | | | | | | | | | 2.3 | 5.0 |
| ESE | | .3 | | | | | | | | | | .3 | 5.7 |
| SE | .3 | .3 | | | | | | | | | | .5 | 3.8 |
| SSE | .1 | | | | | | | | | | | .1 | 3.0 |
| S | | .1 | | | | | | | | | | .1 | 6.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | .3 | .4 | .9 | | | | | | | | | 1.5 | 6.6 |
| NNW | .9 | .7 | 1.0 | .7 | | | | | | | | 3.7 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | 9.5 | 29.4 | 37.4 | 18.0 | 3.9 | .3 | | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 1108

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZU (STATION NAME) | 54-65 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.3 | 8.1 | 20.2 | 13.0 | 5.7 | 1.0 | .1 | | | | | 50.4 | 10.5 |
| NNE | .8 | 2.1 | 4.9 | 4.9 | 1.7 | .1 | | | | | | 14.5 | 10.6 |
| NE | 1.9 | 5.6 | 4.6 | 1.9 | .4 | .1 | | | | | | 14.4 | 7.4 |
| ENE | | .3 | .1 | | | .1 | | | | | | .4 | 9.4 |
| E | .5 | .9 | .3 | | | | | | | | | 1.7 | 4.6 |
| ESE | .1 | | .1 | .1 | | | | | | | | .3 | 7.0 |
| SE | .1 | | .1 | | | | | | | | | .2 | 5.0 |
| SSE | | .2 | | | | | | | | | | .2 | 5.5 |
| S | .1 | .3 | .5 | .1 | | | | | | | | 1.0 | 7.0 |
| SSW | | | .1 | | | | | | | | | .1 | 7.0 |
| SW | | .1 | .1 | | | | | | | | | .2 | 6.5 |
| WSW | | | | | | | | | | | | | |
| W | .3 | .2 | .2 | | | | | | | | | .6 | 4.4 |
| WNW | | .2 | .2 | | | | | | | | | .4 | 6.5 |
| NW | .4 | 1.7 | 3.0 | 1.1 | .1 | | | | | | | 6.3 | 8.2 |
| NNW | .5 | 1.3 | 3.0 | 1.5 | | | | | | | | 6.4 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 7.1 | 20.8 | 37.3 | 22.6 | 7.8 | 1.3 | .1 | | | | | 100.0 | 9.3 |

TOTAL NUMBER OF OBSERVATIONS 1114

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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# SURFACE WINDS

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

| 46743 | TAI-NAN FORMOSA/NEU-CHEU-TZE | 54-65 | JAN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 4.0 | 12.7 | 14.1 | 5.0 | 1.9 | .2 | | | | | 39.4 | 12.1 |
| NNE | .2 | .2 | 1.9 | 3.5 | 1.4 | .1 | | | | | | 7.3 | 13.3 |
| NE | .2 | .9 | 1.2 | 2.5 | .5 | .1 | | | | | | 5.4 | 11.9 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | .1 | .1 | | | | | | | | | | .2 | 4.5 |
| SE | | | .2 | | | | | | | | | .2 | 7.5 |
| SSE | | | .1 | | | | | | | | | .1 | 7.0 |
| S | .4 | .1 | .2 | .4 | .4 | .2 | | | | | | 1.6 | 12.6 |
| SSW | | | .4 | .3 | | .1 | | | | | | .7 | 12.9 |
| SW | .1 | .4 | .4 | .3 | | | | | | | | 1.2 | 7.6 |
| WSW | | | .2 | .1 | | | | | | | | .3 | 9.7 |
| W | .3 | 1.3 | 2.7 | 1.4 | | | | | | | | 5.7 | 8.6 |
| WNW | | .3 | 1.7 | 1.1 | | | | | | | | 3.0 | 9.6 |
| NW | .7 | 2.8 | 11.3 | 8.8 | 1.3 | | | | | | | 24.9 | 10.3 |
| NNW | .2 | 1.5 | 4.0 | 2.4 | 1.0 | .3 | | | | | | 9.4 | 10.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .6 | |
| | 3.5 | 11.7 | 36.9 | 34.8 | 9.8 | 2.6 | .2 | | | | | 100.0 | 11.1 |

TOTAL NUMBER OF OBSERVATIONS 1115

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 1500-1700 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 1.3 | 8.6 | 16.5 | 7.5 | 1.3 | .2 | | | | | 35.5 | 13.7 |
| NNE | | .3 | 1.3 | 2.4 | 1.9 | | | | | | | 5.9 | 14.2 |
| NE | .1 | .2 | .4 | 1.3 | 1.0 | .1 | | | | | | 3.1 | 14.2 |
| ENE | | | | | | | | | | | | | |
| E | .1 | | | | | | | | | | | .1 | 2.0 |
| ESE | | | | | | | | | | | | | |
| SE | | .1 | | | | | | | | | | .1 | 6.0 |
| SSE | .1 | | .3 | | | | | | | | | .4 | 7.3 |
| S | | .3 | .2 | .4 | .8 | .1 | | | | | | 1.7 | 15.3 |
| SSW | | .1 | | .1 | | | | | | | | .2 | 9.0 |
| SW | | .1 | .3 | .1 | | | | | | | | .4 | 8.4 |
| WSW | | .1 | .2 | | | | | | | | | .3 | 8.7 |
| W | .3 | .4 | 2.3 | .9 | | | | | | | | 3.9 | 9.0 |
| WNW | .1 | .4 | 1.0 | 1.1 | | | | | | | | 2.6 | 9.6 |
| NW | .4 | 2.2 | 11.3 | 14.6 | 1.5 | .3 | | | | | | 30.3 | 11.3 |
| NNW | | .0 | 4.7 | 7.3 | 2.3 | .4 | | | | | | 15.4 | 12.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .1 | |
| | 1.3 | 6.1 | 30.6 | 44.6 | 15.1 | 2.2 | .2 | | | | | 100.0 | 12.5 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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# SURFACE WINDS

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

| 46743 | TAI-NAN FORMOSA/NEU-CHEU-TZE | 54-65 | JAN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 7.7 | 25.9 | 19.4 | 7.1 | .5 | | | | | | 62.0 | 11.0 |
| NNE | .1 | .4 | 2.7 | 3.0 | 1.0 | | | | | | | 7.2 | 11.9 |
| NE | .3 | 1.4 | 1.6 | 1.2 | .1 | | | | | | | 4.6 | 8.5 |
| ENE | | | | | | | | | | | | | |
| E | .3 | | .3 | | | | | | | | | .5 | 5.5 |
| ESE | | | | | | | | | | | | | |
| SE | | .1 | | | | | | | | | | .1 | 5.0 |
| SSE | | .1 | .2 | | | | | | | | | .3 | 7.0 |
| S | | .1 | .6 | .4 | .2 | | | | | | | 1.3 | 12.1 |
| SSW | | | | | | | | | | | | | |
| SW | .6 | .2 | | | | | | | | | | .4 | 4.3 |
| WSW | | | | | | | | | | | | | |
| W | | .4 | .1 | | | | | | | | | .5 | 5.8 |
| WNW | .1 | .1 | .4 | .1 | | | | | | | | .6 | 8.0 |
| NW | .2 | 2.6 | 6.4 | 2.1 | .3 | | | | | | | 11.5 | 8.7 |
| NNW | .1 | 1.2 | 6.1 | 3.1 | .3 | | | | | | | 10.6 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .4 | |
| | 2.3 | 14.2 | 44.2 | 29.2 | 8.9 | .5 | | | | | | 100.0 | 10.4 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 2100-2300 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 16.2 | 30.2 | 15.9 | 3.7 | .2 | | | | | | 68.9 | 9.3 |
| NNE | .1 | 2.0 | 3.9 | 2.6 | .1 | | | | | | | 8.8 | 9.4 |
| NE | 1.4 | 4.7 | 2.6 | .1 | .2 | | | | | | | 9.0 | 5.9 |
| ENE | .1 | | | | | | | | | | | .1 | 3.0 |
| E | .1 | .4 | | | | | | | | | | .5 | 4.2 |
| ESE | | | | | | | | | | | | | |
| SE | | .3 | | | | | | | | | | .3 | 4.7 |
| SSE | | .2 | | | | | | | | | | .2 | 5.5 |
| S | .3 | .4 | | .2 | | | | | | | | .8 | 6.4 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | .1 | .1 | .1 | | | | | | | | | .3 | 5.3 |
| NW | .3 | 1.0 | 2.0 | .3 | .1 | .1 | | | | | | 4.9 | 6.0 |
| NNW | .3 | 1.4 | 2.5 | .6 | | | | | | | | 4.8 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 5.3 | 27.2 | 41.8 | 19.9 | 4.0 | .3 | | | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS 1116

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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# SURFACE WINDS

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

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 11.1 | 21.7 | 14.8 | 5.0 | .7 | .1 | | | | | 56.0 | 10.1 |
| NNE | .5 | 1.8 | 3.6 | 3.0 | .9 | .0 | | | | | | 9.9 | 10.1 |
| NE | 1.4 | 4.2 | 2.5 | 1.0 | .3 | .0 | | | | | | 9.4 | 6.9 |
| ENE | .0 | .1 | .1 | | | .0 | | | | | | .2 | 6.1 |
| E | .3 | .3 | .1 | | | | | | | | | .9 | 4.7 |
| ESE | .0 | .1 | .0 | .0 | | | | | | | | .1 | 5.1 |
| SE | .1 | .2 | .1 | | | | | | | | | .3 | 5.1 |
| SSE | .0 | .1 | .1 | | | | | | | | | .2 | 6.1 |
| S | .1 | .2 | .2 | .2 | .2 | .0 | | | | | | .8 | 11.3 |
| SSW | | .0 | .1 | .0 | | .0 | | | | | | .1 | 11.6 |
| SW | .0 | .1 | .1 | .0 | | | | | | | | .3 | 7.0 |
| WSW | | .0 | .0 | .0 | | | | | | | | .1 | 9.2 |
| W | .1 | .3 | .7 | .3 | | | | | | | | 1.4 | 8.4 |
| WNW | .0 | .1 | .4 | .3 | | | | | | | | .9 | 9.0 |
| NW | .3 | 1.7 | 4.8 | 3.4 | .4 | .0 | | | | | | 10.6 | 9.7 |
| NNW | .3 | 1.1 | 3.1 | 2.1 | .3 | .1 | | | | | | 7.2 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | 5.9 | 21.6 | 37.5 | 25.2 | 7.2 | .9 | .1 | | | | | 100.0 | 9.5 |

TOTAL NUMBER OF OBSERVATIONS 8901

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.6 | 18.5 | 25.1 | 13.9 | 3.3 | | | | | | | 66.7 | 8.6 |
| NNE | .7 | 2.1 | 3.2 | 1.1 | .3 | | | | | | | 7.3 | 8.0 |
| NE | 1.4 | 4.1 | 1.6 | .4 | | | | | | | | 7.5 | 5.6 |
| ENE | | .1 | .1 | | | | | | | | | .2 | 6.5 |
| E | .7 | 1.2 | | | | | | | | | | 1.9 | 3.9 |
| ESE | | | | | | | | | | | | | |
| SE | .2 | .6 | .3 | | | | | | | | | 1.1 | 5.5 |
| SSE | | | .2 | | | | | | | | | .2 | 5.5 |
| S | | .5 | .1 | | | | | | | | | .6 | 5.8 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | .2 | 1.3 | 2.3 | .0 | .1 | | | | | | | 4.4 | 8.1 |
| NNW | .3 | 1.2 | 2.2 | .0 | .4 | .2 | .1 | | | | | 4.9 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.2 | |
| | 9.3 | 29.6 | 35.0 | 10.6 | 4.0 | .2 | .1 | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 1014

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 0300-0500 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.6 | 17.8 | 22.0 | 14.3 | 1.2 | | | | | | | 60.9 | 8.4 |
| NNE | .9 | 2.3 | 2.9 | 2.5 | .8 | | | | | | | 7.3 | 9.1 |
| NE | 2.2 | 5.0 | 3.2 | .7 | .1 | | | | | | | 11.6 | 6.0 |
| ENE | .1 | .8 | .4 | | | | | | | | | 1.3 | 5.8 |
| E | .2 | 2.0 | .5 | | | | | | | | | 2.7 | 5.4 |
| ESE | | .1 | | | | | | | | | | .1 | 5.0 |
| SE | | .8 | .3 | | | | | | | | | 1.1 | 5.8 |
| SSE | | .2 | | | | | | | | | | .2 | 4.0 |
| S | | | .1 | | | | | | | | | .1 | 7.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | .4 | 1.0 | 1.7 | | .2 | | | | | | | 3.2 | 7.6 |
| NNW | | 1.2 | 1.9 | 1.0 | .2 | .1 | .1 | | | | | 4.4 | 10.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.9 | |
| | 9.3 | 31.7 | 33.0 | 18.4 | 2.5 | .1 | .1 | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 1017

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAIWAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS - LST)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.1 | 14.1 | 21.1 | 13.3 | 2.1 | .1 | | | | | | 53.8 | 9.0 |
| NNE | .5 | 2.9 | 5.2 | 3.2 | .4 | | | | | | | 12.3 | 8.9 |
| NE | 2.9 | 8.9 | 4.2 | 1.1 | .1 | | | | | | | 17.3 | 6.0 |
| ENE | | .6 | .1 | | | | | | | | | .7 | 6.1 |
| E | .7 | 2.8 | 1.0 | | | | | | | | | 4.4 | 5.3 |
| ESE | .1 | .5 | | | | | | | | | | .6 | 4.0 |
| SE | .1 | 1.0 | .4 | | | | | | | | | 1.5 | 5.8 |
| SSE | | .1 | | | | | | | | | | .1 | 6.0 |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | .1 | | | | | | | | | | .1 | 6.0 |
| WNW | .1 | | .1 | | | | | | | | | .2 | 5.0 |
| NW | .3 | .9 | 1.4 | .2 | | | | | | | | 2.9 | 7.0 |
| NNW | .4 | 1.2 | 1.4 | | .3 | | | | | | | 3.4 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.7 | |
| | 8.5 | 33.0 | 34.9 | 17.8 | 3.0 | .1 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 1017

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZU (STATION NAME) | 54-65 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 8.4 | 17.7 | 14.7 | 3.0 | .3 | | | | | | 46.7 | 10.0 |
| NNE | .1 | 2.3 | 4.6 | 5.0 | 1.3 | | | | | | | 13.5 | 10.7 |
| NE | 1.9 | 5.2 | 5.3 | .9 | .2 | | | | | | | 13.5 | 6.9 |
| ENE | .2 | .3 | .3 | | | | | | | | | .8 | 5.3 |
| E | .4 | .3 | .5 | | | | | | | | | 1.7 | 5.4 |
| ESE | | | .1 | | | | | | | | | .1 | 7.0 |
| SE | .2 | .3 | .3 | .2 | | | | | | | | 1.2 | 7.3 |
| SSE | .1 | .3 | .3 | | | | | | | | | .7 | 6.7 |
| S | .1 | .7 | 1.0 | .4 | .2 | | | | | | | 2.4 | 8.8 |
| SSW | | | .1 | .1 | | | | | | | | .2 | 10.0 |
| SW | | .4 | .4 | | | | | | | | | .8 | 6.8 |
| WSW | | | .3 | | | | | | | | | .3 | 8.0 |
| W | .3 | 1.0 | .4 | | | | | | | | | 1.7 | 5.5 |
| WNW | .1 | .3 | .1 | | | | | | | | | .7 | 4.7 |
| NW | .7 | 2.7 | 3.4 | 1.7 | .1 | | | | | | | 8.6 | 8.1 |
| NNW | .2 | .7 | 2.7 | 1.6 | | .1 | .2 | | | | | 5.4 | 10.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.0 | |
| | 6.8 | 23.4 | 37.5 | 24.6 | 4.8 | .4 | .2 | | | | | 100.0 | 9.0 |

TOTAL NUMBER OF OBSERVATIONS 1017

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 1.7 | 9.7 | 14.0 | 5.1 | .5 | | | | | | 31.2 | 12.3 |
| NNE | | .6 | .9 | 3.4 | .7 | .2 | | | | | | 5.3 | 13.1 |
| NE | | .3 | 1.4 | .5 | .2 | | | | | | | 2.6 | 9.7 |
| ENE | | | | | | | | | | | | | |
| E | | .3 | | | | | | | | | | .3 | 3.3 |
| ESE | | | | | | | | | | | | | |
| SE | .1 | | .3 | | | | | | | | | .4 | 7.0 |
| SSE | | | | .1 | .2 | | | | | | | .3 | 16.7 |
| S | | .1 | .3 | .8 | .7 | .1 | | | | | | 2.0 | 14.9 |
| SSW | | | | .3 | .2 | | | | | | | .3 | 16.2 |
| SW | .2 | .9 | 3.3 | 1.6 | | | | | | | | 5.9 | 9.1 |
| WSW | | .3 | .3 | .4 | | | | | | | | 1.0 | 9.3 |
| W | .2 | 1.8 | 4.8 | 2.9 | .1 | | | | | | | 9.3 | 9.4 |
| WNW | | .6 | 1.7 | .6 | .3 | | | | | | | 3.2 | 10.2 |
| NW | .2 | 2.7 | 8.1 | 10.7 | 2.4 | .2 | | | | | | 24.2 | 11.3 |
| NNW | | .9 | 3.8 | 5.3 | 2.2 | .3 | | | | | | 12.5 | 12.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .4 | |
| | 1.0 | 10.2 | 34.5 | 40.6 | 12.0 | 1.2 | | | | | | 100.0 | 11.6 |

TOTAL NUMBER OF OBSERVATIONS 1013

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 46743 | TAI-NAN FORMOSA/NEU-CHEU-TZE | 54-65 | FEB |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 1.0 | 7.0 | 12.0 | 6.0 | 1.3 | | | | | | 20.1 | 13.7 |
| NNE | .1 | .1 | .6 | 2.2 | 1.4 | .2 | | | | | | 4.5 | 14.2 |
| NE | | | .6 | .6 | | | | | | | | 1.4 | 11.1 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | .2 | | | | | | | | .2 | 14.5 |
| SSE | | | | .1 | .1 | | | | | | | .2 | 16.5 |
| S | | .2 | .2 | 1.2 | .8 | | | | | | | 2.4 | 14.5 |
| SSW | | | .1 | .3 | | | | | | | | .4 | 12.0 |
| SW | | .4 | 2.0 | .7 | .1 | | | | | | | 3.2 | 8.5 |
| WSW | | .2 | .7 | 1.0 | | | | | | | | 1.9 | 10.5 |
| W | .3 | .7 | 3.1 | 2.8 | | | | | | | | 7.9 | 9.7 |
| WNW | | .1 | 1.2 | 1.3 | .2 | | | | | | | 3.0 | 11.6 |
| NW | | 1.1 | 8.3 | 16.6 | 5.2 | | | | | | | 31.1 | 12.9 |
| NNW | .1 | .1 | 2.3 | 8.0 | 4.0 | .3 | | | | | | 15.0 | 14.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .1 | |
| | .7 | 3.8 | 27.2 | 47.8 | 18.6 | 1.8 | | | | | | 100.0 | 13.0 |

TOTAL NUMBER OF OBSERVATIONS 1015

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZU (STATION NAME) | 54-65 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 1000-2000 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 6.1 | 19.9 | 18.5 | 5.6 | .4 | | | | | | 51.4 | 11.2 |
| NNE | .1 | .3 | 7.1 | 1.[illegible] | .9 | .3 | | | | | | 5.4 | 12.3 |
| NE | | .4 | .8 | .4 | .1 | | | | | | | 1.7 | 9.6 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | .1 | | | | | | | | | .1 | 8.0 |
| SE | .1 | .2 | .1 | .1 | | | | | | | | .5 | 6.8 |
| SSE | | .1 | | | | | | | | | | .1 | 5.0 |
| S | | .7 | .6 | .7 | | | | | | | | 2.2 | 8.4 |
| SSW | | .1 | | | | | | | | | | .1 | 6.0 |
| SW | .1 | .9 | .3 | | | | | | | | | 1.3 | 5.6 |
| WSW | | .4 | .4 | | | | | | | | | .8 | 6.3 |
| W | .9 | .6 | .3 | | | | | | | | | 2.0 | 4.4 |
| WNW | | .4 | .2 | | | | | | | | | .6 | 6.3 |
| NW | .6 | 2.6 | 9.1 | 3.6 | .3 | .1 | | | | | | 16.3 | 9.2 |
| NNW | .3 | 1.6 | 6.9 | 5.7 | 1.6 | | .1 | | | | | 16.2 | 11.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 3.0 | 14.5 | 40.9 | 31.0 | 8.5 | .8 | .1 | | | | | 100.0 | 10.4 |

TOTAL NUMBER OF OBSERVATIONS 1015

DATA PROCESSING DIVISION
2 CTAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 17.4 | 26.8 | 16.7 | 3.2 | | | | | | | 66.8 | 9.2 |
| NNE | .5 | 1.3 | 3.3 | 1.5 | 1.1 | .2 | | | | | | 7.9 | 10.0 |
| NE | .8 | 2.0 | 1.4 | .3 | | | | | | | | 4.6 | 6.5 |
| ENE | | .2 | .1 | | | | | | | | | .3 | 5.7 |
| E | .1 | .2 | | | | | | | | | | .3 | 4.7 |
| ESE | | | | | | | | | | | | | |
| SE | .3 | .7 | .3 | .1 | | | | | | | | 1.4 | 6.0 |
| SSE | | .1 | | | | | | | | | | .1 | 6.0 |
| S | .9 | .2 | .3 | | | | | | | | | 1.4 | 3.7 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | .1 | .2 | .1 | .1 | | | | | | | | .5 | 6.0 |
| WNW | | | | | | | | | | | | | |
| NW | .4 | 2.3 | 2.1 | .7 | .1 | .1 | | | | | | 6.2 | 7.9 |
| NNW | .2 | 2.3 | 3.9 | .7 | .3 | .2 | .2 | | | | | 8.0 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.7 | |
| | 6.0 | 26.7 | 38.7 | 20.3 | 4.9 | .5 | .2 | | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS 1017

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 10.6 | 18.7 | 14.8 | 3.7 | .3 | | | | | | 50.7 | 9.9 |
| NNE | .4 | 1.5 | 2.9 | 2.6 | .8 | .1 | | | | | | 8.3 | 10.4 |
| NE | 1.1 | 3.3 | 2.3 | .7 | .1 | | | | | | | 7.5 | 6.6 |
| ENE | .0 | .2 | .1 | | | | | | | | | .4 | 5.7 |
| E | .3 | .9 | .2 | | | | | | | | | 1.4 | 5.1 |
| ESE | .0 | .1 | .0 | | | | | | | | | .1 | 4.7 |
| SE | .1 | .5 | .2 | .1 | | | | | | | | .9 | 6.4 |
| SSE | .0 | .1 | .1 | .0 | .0 | | | | | | | .2 | 9.1 |
| S | .1 | .3 | .3 | .4 | .2 | .0 | | | | | | 1.4 | 10.2 |
| SSW | | .0 | .0 | .1 | .0 | | | | | | | .1 | 12.9 |
| SW | .0 | .3 | .7 | .3 | .0 | | | | | | | 1.4 | 8.7 |
| WSW | | .1 | .2 | .2 | | | | | | | | .5 | 9.2 |
| W | .2 | .6 | 1.2 | .7 | .0 | | | | | | | 2.7 | 8.6 |
| WNW | .0 | .2 | .4 | .3 | .1 | | | | | | | .9 | 9.8 |
| NW | .4 | 1.0 | 4.6 | 4.3 | 1.0 | .0 | | | | | | 12.1 | 10.6 |
| NNW | .2 | 1.1 | 3.1 | 2.9 | 1.3 | .1 | .1 | | | | | 8.8 | 11.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.4 | |
| | 5.6 | 21.7 | 35.2 | 27.1 | 7.3 | .6 | .1 | | | | | 100.0 | 9.5 |

TOTAL NUMBER OF OBSERVATIONS 8127



1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 8.2 | 19.3 | 20.3 | 9.5 | 3.1 | .2 | | | | | | 60.6 | 7.9 |
| NNE | .5 | 1.3 | 2.1 | .4 | | | | | | | | 4.2 | 7.0 |
| NE | 3.4 | 5.2 | 1.3 | .1 | | | | | | | | 10.0 | 4.4 |
| ENE | .1 | .2 | | | | | | | | | | .3 | 4.0 |
| E | 1.3 | 1.5 | .4 | .1 | | | | | | | | 3.4 | 4.3 |
| ESE | | .3 | .2 | | | | | | | | | .4 | 6.8 |
| SE | .0 | 1.2 | .2 | .1 | | | | | | | | 2.1 | 4.9 |
| SSE | | | | | | | | | | | | | |
| S | .4 | | .1 | | | | | | | | | .5 | 3.2 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | .1 | | | | | | | | | | .1 | 4.0 |
| WNW | .1 | | | | | | | | | | | .1 | 2.0 |
| NW | .5 | 1.4 | 1.8 | .8 | | | | | | | | 4.6 | 7.4 |
| NNW | .2 | 1.1 | 2.8 | .5 | .4 | | | | | | | 4.9 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.8 | |
| | 15.5 | 31.6 | 29.0 | 11.5 | 3.5 | .2 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 1112

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.7 | 17.1 | 18.6 | 11.4 | 2.1 | .3 | | | | | | 57.1 | 8.0 |
| NNE | .5 | 3.1 | 1.9 | .5 | .1 | | | | | | | 6.2 | 6.6 |
| NE | 4.2 | 6.0 | 1.3 | .3 | | | | | | | | 11.9 | 4.6 |
| ENE | .4 | .5 | .2 | | | | | | | | | 1.1 | 4.6 |
| E | 1.3 | 3.4 | .5 | | | | | | | | | 5.2 | 4.6 |
| ESE | | .2 | .1 | | | | | | | | | .3 | 7.3 |
| SE | .5 | 1.2 | .4 | | | | | | | | | 2.1 | 4.7 |
| SSE | .1 | | | | | | | | | | | .1 | 3.0 |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | .1 | | | | | | | | | | .1 | 4.3 |
| WSW | | | | | | | | | | | | | |
| W | .1 | | | | | | | | | | | .1 | 3.0 |
| WNW | | | | | | | | | | | | | |
| NW | .2 | .9 | 1.8 | .3 | | | | | | | | 3.1 | 7.7 |
| NNW | .4 | .8 | .9 | .7 | .5 | | | | | | | 3.3 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 15.4 | 33.3 | 25.7 | 13.2 | 2.7 | .3 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 46743 | TAI-NAN FORMOSA/NEU-CHEU-TZE | 54-65 | MAR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.6 | 15.2 | 17.8 | 8.7 | 2.2 | .2 | | | | | | 48.9 | 8.3 |
| NNE | .7 | 2.7 | 3.3 | 1.6 | .4 | | .1 | | | | | 8.8 | 8.5 |
| NE | 5.6 | 7.1 | 2.0 | .1 | .1 | | | | | | | 14.8 | 4.4 |
| ENE | .2 | .4 | .1 | | | | | | | | | .6 | 4.3 |
| E | 3.1 | 5.0 | .4 | .1 | | | | | | | | 8.6 | 4.1 |
| ESE | .1 | .3 | | .1 | | | | | | | | .4 | 6.6 |
| SE | .7 | 1.8 | .9 | | | | | | | | | 3.4 | 4.9 |
| SSE | | .1 | | .1 | | | | | | | | .2 | 5.0 |
| S | | .4 | .1 | | | | | | | | | .4 | 5.8 |
| SSW | | | | | | | | | | | | | |
| SW | .1 | .1 | | | | | | | | | | .2 | 3.0 |
| WSW | | | | | | | | | | | | | |
| W | | .2 | | | | | | | | | | .2 | 4.5 |
| WNW | | | | | | | | | | | | | |
| NW | .4 | 1.6 | 1.7 | .2 | | | | | | | | 3.7 | 6.9 |
| NNW | .4 | 1.3 | 2.1 | 1.0 | .4 | .1 | | | | | | 5.3 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.3 | |
| | 15.8 | 36.2 | 28.4 | 11.9 | 3.1 | .3 | .1 | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 1112

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 8.2 | 16.4 | 8.4 | 2.9 | .3 | | | | | | 37.8 | 9.6 |
| NNE | .4 | 1.9 | 4.1 | 1.7 | .6 | | | | | | | 8.7 | 8.9 |
| NE | 2.2 | 4.1 | 2.0 | .4 | .1 | | | | | | | 9.4 | 5.7 |
| ENE | | .4 | .1 | | | | | | | | | .5 | 5.5 |
| E | 1.2 | 1.3 | .2 | | | | | | | | | 2.6 | 3.8 |
| ESE | .1 | .3 | .1 | | | | | | | | | .4 | 5.0 |
| SE | .6 | 1.3 | .9 | .2 | .1 | | | | | | | 3.1 | 6.4 |
| SSE | .1 | .4 | .1 | .1 | | | | | | | | .6 | 6.0 |
| S | .5 | 1.2 | 1.2 | .9 | | .1 | | | | | | 3.9 | 8.3 |
| SSW | .1 | .2 | .8 | .3 | | | | | | | | 1.3 | 8.5 |
| SW | .5 | .7 | 1.0 | .1 | | | | | | | | 2.3 | 6.2 |
| WSW | | .2 | .2 | | | | | | | | | .4 | 7.3 |
| W | .6 | 1.4 | 1.2 | .1 | | | | | | | | 3.3 | 6.0 |
| WNW | .3 | .4 | .7 | .2 | | | | | | | | 1.6 | 6.8 |
| NW | 1.0 | 3.3 | 6.1 | 2.7 | | .1 | | | | | | 13.4 | 8.3 |
| NNW | .4 | 1.3 | 3.4 | 2.2 | .1 | | | | | | | 7.3 | 9.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 9.0 | 26.7 | 39.1 | 17.2 | 3.8 | .4 | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-55 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 1.8 | 6.1 | 6.9 | 3.4 | .4 | .1 | | | | | 19.0 | 12.3 |
| NNE | | .3 | 1.3 | .9 | .3 | | | | | | | 2.7 | 10.9 |
| NE | .3 | .8 | .4 | .1 | | | | | | | | 1.5 | 5.7 |
| ENE | | .1 | | | | | | | | | | .1 | 6.0 |
| E | .1 | | | | | | | | | | | .1 | 2.0 |
| ESE | | | | | | | | | | | | | |
| SE | .2 | .1 | .4 | .1 | | .1 | | | | | | .9 | 9.4 |
| SSE | .1 | | | .1 | | .2 | | | | | | .4 | 15.5 |
| S | .2 | .4 | .6 | 1.3 | .7 | | | | | | | 3.1 | 12.5 |
| SSW | .1 | | .4 | .5 | .2 | | | | | | | 1.5 | 12.0 |
| SW | .1 | 1.2 | 4.4 | 2.2 | | | | | | | | 7.8 | 9.5 |
| WSW | | .2 | 2.2 | 1.2 | | | | | | | | 3.5 | 9.9 |
| W | .6 | 1.1 | 7.0 | 5.4 | .2 | | | | | | | 14.3 | 10.1 |
| WNW | | .2 | 2.6 | 2.4 | .7 | | | | | | | 5.9 | 12.0 |
| NW | .3 | 1.7 | 10.5 | 12.0 | 4.8 | .2 | .1 | | | | | 30.3 | 12.2 |
| NNW | .1 | .3 | 3.1 | 3.5 | 1.4 | .1 | | | | | | 8.9 | 12.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .4 | |
| | 2.2 | 8.0 | 39.0 | 37.6 | 11.7 | 1.0 | .2 | | | | | 100.0 | 11.4 |

TOTAL NUMBER OF OBSERVATIONS 1113

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-MAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 1.2 | 5.7 | 7.0 | 3.6 | .4 | | | | | | 18.0 | 12.9 |
| NNE | | | .8 | .9 | .4 | | | | | | | 2.2 | 12.6 |
| NE | .2 | .1 | .4 | .1 | .1 | | | | | | | .9 | 8.4 |
| ENE | | | | | | | | | | | | | |
| E | | .1 | | | | | | | | | | .1 | 4.0 |
| ESE | | .2 | | | | | | | | | | .2 | 4.5 |
| SE | | | | .1 | | .3 | | | | | | .4 | 21.0 |
| SSE | | | | .1 | | | | | | | | .1 | 11.0 |
| S | .1 | .1 | .9 | 1.6 | .6 | | | | | | | .3 | 12.9 |
| SSW | | | .4 | .4 | | | | | | | | .8 | 11.4 |
| SW | .3 | .8 | 2.2 | 1.7 | | | | | | | | 5.0 | 9.4 |
| WSW | | .1 | 1.6 | .8 | | | | | | | | 2.5 | 9.8 |
| W | .4 | 1.5 | 6.6 | 5.3 | | | | | | | | 13.7 | 10.1 |
| WNW | | | 1.7 | 2.8 | .4 | | | | | | | 4.9 | 12.5 |
| NW | .2 | 1.2 | 7.8 | 19.3 | 8.4 | .1 | | | | | | 37.0 | 13.3 |
| NNW | | .1 | 1.2 | 5.2 | 3.8 | .1 | | | | | | 10.3 | 15.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .3 | |
| | 1.3 | 5.3 | 29.3 | 45.4 | 17.4 | .8 | | | | | | 100.0 | 12.3 |

TOTAL NUMBER OF OBSERVATIONS 1113

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

1400-2000 (HOURS L.S.T.)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 5.3 | 17.5 | 11.4 | 4.0 | .2 | | | | | | 39.7 | 10.5 |
| NNE | .1 | .3 | 1.5 | .9 | .2 | | | | | | | 3.0 | 10.2 |
| NE | | .5 | .7 | .2 | | | | | | | | 1.4 | 8.2 |
| ENE | | | | | | | | | | | | | |
| E | .1 | .2 | | | | | | | | | | .3 | 4.0 |
| ESE | .1 | | | | | | | | | | | .1 | 3.0 |
| SE | .4 | .1 | .3 | | .3 | | | | | | | 1.0 | 9.1 |
| SSE | | .1 | .1 | | | | | | | | | .2 | 7.5 |
| S | .2 | 1.1 | 1.4 | .6 | | | | | | | | 3.3 | 8.2 |
| SSW | | .1 | .1 | .1 | | | | | | | | .3 | 8.7 |
| SW | .6 | 1.0 | 1.1 | .1 | | | | | | | | 2.8 | 6.2 |
| WSW | .3 | .7 | .1 | | | | | | | | | 1.1 | 4.8 |
| W | 1.3 | 2.2 | 1.2 | .3 | | | | | | | | 4.9 | 5.6 |
| WNW | .4 | .3 | .6 | .3 | | | | | | | | 1.3 | 7.1 |
| NW | .9 | 3.7 | 11.1 | 7.4 | 1.3 | | | | | | | 24.3 | 9.8 |
| NNW | .4 | 1.3 | 5.2 | 5.6 | 1.9 | .1 | | | | | | 13.7 | 11.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.3 | |
| | 5.6 | 16.8 | 40.9 | 26.2 | 7.7 | .3 | | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 1113

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-05 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.5 | 17.3 | 23.7 | 9.3 | 2.1 | .4 | | | | | | 57.3 | 8.3 |
| NNE | .5 | 1.4 | 2.2 | .4 | .1 | | | | | | | 4.7 | 7.4 |
| NE | 1.7 | 1.9 | 1.6 | .3 | | | | | | | | 5.5 | 5.5 |
| ENE | | .1 | | | | | | | | | | .1 | 6.0 |
| E | .8 | .8 | | | | | | | | | | 1.6 | 3.3 |
| ESE | | | | | | | | | | | | | |
| SE | .8 | 1.3 | .5 | .2 | | | | | | | | 2.9 | 5.2 |
| SSE | .2 | .3 | | | | | | | | | | .5 | 4.2 |
| S | .3 | .7 | .1 | | | | | | | | | 1.3 | 4.1 |
| SSW | .1 | | | | | | | | | | | .1 | 2.0 |
| SW | .1 | .1 | | | | | | | | | | .2 | 3.0 |
| WSW | | .1 | | | | | | | | | | .1 | 4.0 |
| W | .3 | .4 | .1 | | | | | | | | | 1.0 | 3.6 |
| WNW | | | | | | | | | | | | | |
| NW | 1.4 | 3.3 | 3.3 | .7 | .1 | | | | | | | 9.1 | 6.7 |
| NNW | .3 | 1.3 | 4.5 | 1.9 | .4 | .1 | | | | | | 8.8 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 11.8 | 29.3 | 36.1 | 12.8 | 2.7 | .5 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.6 | 10.7 | 15.8 | 9.1 | 2.9 | .3 | .0 | | | | | 42.3 | 9.1 |
| NNE | .3 | 1.4 | 2.2 | .9 | .3 | | .0 | | | | | 5.1 | 8.5 |
| NE | 2.2 | 3.2 | 1.3 | .2 | .0 | | | | | | | 6.9 | 5.0 |
| ENE | .1 | .2 | .0 | | | | | | | | | .3 | 4.7 |
| E | 1.0 | 1.5 | .2 | .0 | | | | | | | | 2.7 | 4.2 |
| ESE | .0 | .1 | .0 | .0 | | | | | | | | .2 | 6.0 |
| SE | .5 | .9 | .4 | .1 | .0 | .0 | | | | | | 2.0 | 6.1 |
| SSE | .1 | .1 | .0 | .0 | | .0 | | | | | | .3 | 7.6 |
| S | .4 | .5 | .6 | .8 | .2 | .0 | | | | | | 2.0 | 9.5 |
| SSW | .0 | .0 | .2 | .2 | .0 | | | | | | | .5 | 10.3 |
| SW | .2 | .5 | 1.1 | .3 | | | | | | | | 2.3 | 8.4 |
| WSW | .0 | .2 | .5 | .2 | | | | | | | | .9 | 9.0 |
| W | .4 | .9 | 2.0 | 1.4 | .0 | | | | | | | 4.7 | 8.9 |
| WNW | .1 | .1 | .7 | .7 | .1 | | | | | | | 1.7 | 11.0 |
| NW | .6 | 2.2 | 5.5 | 5.5 | 1.0 | .0 | .0 | | | | | 15.7 | 10.8 |
| NNW | .3 | .9 | 2.9 | 2.5 | 1.1 | .1 | | | | | | 7.6 | 11.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.5 | |
| | 9.0 | 23.4 | 33.4 | 22.0 | 6.6 | .5 | .0 | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS 8902

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.4 | 13.0 | 10.2 | 4.4 | .8 | | | | | | | 35.9 | 6.8 |
| NNE | 1.9 | 2.6 | 1.2 | .7 | | | | | | | | 6.0 | 5.9 |
| NE | 4.9 | 6.8 | 1.3 | | | | | | | | | 13.0 | 4.2 |
| ENE | .1 | .5 | | | | | | | | | | .6 | 4.2 |
| E | 3.3 | 2.4 | .4 | | | | | | | | | 6.1 | 3.6 |
| ESE | .2 | .0 | .2 | | | | | | | | | 1.0 | 5.0 |
| SE | 2.2 | 3.5 | .9 | | | | | | | | | 6.7 | 4.5 |
| SSE | | .5 | .2 | .1 | | | | | | | | .7 | 6.9 |
| S | .4 | .4 | .3 | | | | | | | | | 1.0 | 4.6 |
| SSW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| SW | .6 | .6 | .2 | | | | | | | | | 1.4 | 4.3 |
| WSW | | .1 | | | | | | | | | | .1 | 6.0 |
| W | .3 | .2 | | | | | | | | | | .5 | 3.0 |
| WNW | | | | | | | | | | | | | |
| NW | 1.7 | 2.1 | .8 | .5 | | | | | | | | 5.2 | 5.6 |
| NNW | .6 | .9 | 1.6 | .6 | | | | | | | | 3.7 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.0 | |
| | 23.6 | 34.3 | 17.2 | 6.5 | .8 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 1079

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.0 | 11.3 | 10.9 | 3.4 | .6 | | | | | | | 33.2 | 6.6 |
| NNE | 2.2 | 2.1 | 2.3 | .3 | | | | | | | | 6.9 | 5.6 |
| NE | 7.3 | 10.0 | .9 | | | | | | | | | 19.3 | 4.0 |
| ENE | .3 | .8 | | | | | | | | | | 1.1 | 3.9 |
| E | 4.2 | 3.8 | .5 | | | | | | | | | 8.4 | 3.8 |
| ESE | .3 | .9 | .2 | | | | | | | | | 1.4 | 4.9 |
| SE | 1.9 | 2.3 | .7 | | | | | | | | | 5.0 | 4.3 |
| SSE | .1 | .3 | .2 | | | | | | | | | .6 | 5.7 |
| S | .0 | .4 | .3 | | | | | | | | | 1.3 | 4.3 |
| SSW | | .2 | .1 | | | | | | | | | .3 | 6.3 |
| SW | | .1 | .1 | | | | | | | | | .2 | 6.5 |
| WSW | .1 | | | | | | | | | | | .1 | 3.0 |
| W | .1 | .1 | | | | | | | | | | .2 | 3.0 |
| WNW | | .1 | | | | | | | | | | .1 | 5.0 |
| NW | .6 | 1.4 | .8 | .3 | | | | | | | | 3.3 | 5.7 |
| NNW | .4 | .7 | 1.3 | .1 | .2 | | | | | | | 2.7 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.9 | |
| | 25.6 | 35.4 | 18.3 | 4.1 | .7 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 1080

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 6.1 | 10.7 | 9.1 | 2.7 | .2 | | | | | | | 29.0 | 6.4 |
| NNE | 1.6 | 2.4 | 1.9 | .3 | .1 | | | | | | | 6.3 | 6.0 |
| NE | 9.5 | 10.2 | 2.4 | .2 | | | | | | | | 22.3 | 4.1 |
| ENE | .6 | 1.6 | | | | | | | | | | 2.2 | 4.2 |
| E | 5.6 | 5.1 | .5 | .1 | | | | | | | | 11.3 | 3.7 |
| ESE | .2 | .9 | .3 | | | | | | | | | 1.4 | 5.5 |
| SE | 1.5 | 3.2 | .9 | | | | | | | | | 5.6 | 4.8 |
| SSE | .3 | .6 | .5 | .1 | | | | | | | | 1.4 | 6.7 |
| S | .3 | .3 | .6 | | | | | | | | | 1.3 | 5.7 |
| SSW | | | .1 | | | | | | | | | .1 | 8.0 |
| SW | | .3 | .1 | | | | | | | | | .4 | 5.3 |
| WSW | | | | | | | | | | | | | |
| W | .2 | .1 | .1 | | | | | | | | | .4 | 5.3 |
| WNW | .2 | | | | | | | | | | | .2 | 2.0 |
| NW | 1.3 | 1.3 | .0 | .3 | | | | | | | | 3.5 | 5.2 |
| NNW | .5 | .7 | 1.4 | .5 | | | | | | | | 3.1 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.6 | |
| | 27.9 | 37.8 | 18.4 | 4.1 | .3 | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 1000

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 56-65 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 5.1 | 5.3 | 2.9 | .7 | .1 | | | | | | 16.2 | 8.3 |
| NNE | .3 | 1.1 | 2.3 | .4 | .2 | | | | | | | 4.3 | 8.0 |
| NE | 2.9 | 3.9 | 1.4 | .1 | .1 | | | | | | | 8.3 | 4.9 |
| ENE | .3 | .1 | .2 | | | | | | | | | .6 | 4.3 |
| E | .6 | .9 | .4 | | | | | | | | | 1.9 | 4.6 |
| ESE | .1 | .1 | .2 | | | | | | | | | .4 | 6.3 |
| SE | 1.1 | 1.5 | 1.1 | .3 | | | | | | | | 4.0 | 5.7 |
| SSE | .1 | .0 | .2 | .2 | .1 | | | | | | | 1.1 | 7.5 |
| S | .6 | 1.5 | 3.3 | 2.2 | .3 | | | | | | | 8.1 | 9.3 |
| SSW | .1 | .5 | 1.6 | 1.0 | .5 | | | | | | | 3.8 | 10.5 |
| SW | .6 | 2.1 | 2.2 | 1.4 | .1 | | | | | | | 6.7 | 7.8 |
| WSW | .3 | .1 | 1.0 | .2 | | | | | | | | 1.6 | 7.7 |
| W | 1.1 | 3.2 | 4.6 | .6 | .2 | | | | | | | 9.7 | 7.3 |
| WNW | .2 | 1.4 | 1.8 | .6 | | | | | | | | 3.9 | 7.6 |
| NW | 1.3 | 4.1 | 7.3 | 2.2 | .2 | | | | | | | 15.1 | 8.0 |
| NNW | .2 | 1.4 | 3.4 | 1.1 | .1 | | | | | | | 6.2 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 12.1 | 27.5 | 39.5 | 13.1 | 2.4 | .1 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 1080

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 46743 | TAI-KAN FORMOSA/NEU-CHEU-TZU | 54-65 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 1.0 | 3.1 | 2.7 | 1.0 | .2 | | | | | | 8.3 | 11.4 |
| NNE | | | .6 | .2 | .1 | | | | | | | .8 | 10.1 |
| NE | .4 | .2 | .6 | .1 | | | | | | | | 1.2 | 7.0 |
| ENE | | .1 | | | | | | | | | | .1 | 4.0 |
| E | | .2 | .4 | | | | | | | | | .6 | 7.5 |
| ESE | | | | | | | | | | | | | |
| SE | .1 | .2 | .6 | .3 | | | | | | | | 1.1 | 8.3 |
| SSE | | | .1 | .1 | | | | | | | | .2 | 11.5 |
| S | .1 | .6 | 1.3 | 2.7 | 1.6 | .1 | | | | | | 6.4 | 13.1 |
| SSW | | .2 | .8 | 1.7 | 1.4 | | | | | | | 4.1 | 14.2 |
| SW | .1 | .7 | 4.6 | 7.0 | 1.1 | | | | | | | 13.6 | 11.7 |
| WSW | | .4 | 2.1 | 2.0 | | | | | | | | 4.5 | 10.8 |
| W | .3 | 2.0 | 9.4 | 10.6 | .5 | | | | | | | 23.0 | 10.9 |
| WNW | | .3 | 3.2 | 5.2 | .2 | | | | | | | 9.1 | 11.7 |
| NW | .3 | 1.3 | 6.9 | 11.5 | 2.8 | .2 | | | | | | 23.1 | 12.1 |
| NNW | | .3 | .7 | 1.6 | .6 | | | | | | | 3.3 | 11.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .6 | |
| | 1.7 | 8.1 | 34.4 | 45.6 | 9.2 | .5 | | | | | | 100.0 | 11.5 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 46743 | TAI-NAN FORMOSA/NEU-CHEU-TZE | 54-65 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 1.4 | 4.3 | 2.6 | 1.3 | .4 | | | | | | 9.9 | 11.6 |
| NNE | .1 | .4 | .2 | .1 | .1 | | | | | | | .9 | 8.2 |
| NE | .1 | .2 | .6 | .1 | | | | | | | | .9 | 7.2 |
| ENE | | | | | | | | | | | | | |
| E | .3 | | .2 | .1 | | | | | | | | .6 | 6.3 |
| ESE | | | | | | | | | | | | | |
| SE | .2 | .3 | .3 | .2 | | | | | | | | .9 | 7.0 |
| SSE | | .1 | | | | | | | | | | .1 | 6.0 |
| S | | .6 | .6 | 3.0 | 1.3 | .4 | | | | | | 5.9 | 14.2 |
| SSW | .1 | | .7 | 1.5 | .6 | | | | | | | 3.3 | 13.0 |
| SW | .2 | .4 | 3.7 | 6.1 | .6 | | | | | | | 11.0 | 12.0 |
| WSW | .2 | .2 | 1.6 | 1.7 | .1 | | | | | | | 3.7 | 10.7 |
| W | .3 | 1.2 | 9.4 | 9.7 | .4 | | | | | | | 21.0 | 10.6 |
| WNW | | .3 | 2.3 | 2.8 | .5 | | | | | | | 5.8 | 11.6 |
| NW | .2 | .7 | 8.4 | 12.5 | 4.8 | .4 | | | | | | 27.0 | 13.0 |
| NNW | .2 | .2 | 2.7 | 3.3 | 2.3 | .1 | | | | | | 8.8 | 13.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .1 | |
| | 1.0 | 5.9 | 35.0 | 44.1 | 11.9 | 1.2 | | | | | | 100.0 | 12.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS L.S.T.)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 5.0 | 11.6 | 6.7 | 1.0 | | | | | | | 26.2 | 9.0 |
| NNE | .1 | .7 | .6 | .3 | .3 | | | | | | | 2.0 | 8.7 |
| NE | | .6 | .5 | | | | | | | | | 1.0 | 6.6 |
| ENE | | | | | | | | | | | | | |
| E | | .3 | .1 | | | | | | | | | .4 | 5.5 |
| ESE | | | .1 | | | | | | | | | .1 | 8.0 |
| SE | | .6 | .6 | .2 | | | | | | | | 1.3 | 7.7 |
| SSE | .1 | .1 | .1 | .1 | | | | | | | | .4 | 6.3 |
| S | .1 | 1.5 | 3.8 | 1.5 | .1 | | | | | | | 6.9 | 9.1 |
| SSW | | .3 | .9 | .7 | .2 | | | | | | | 2.1 | 10.7 |
| SW | 1.3 | 2.8 | 3.5 | 1.3 | .2 | | | | | | | 9.1 | 7.3 |
| WSW | .2 | | .6 | | | | | | | | | .8 | 7.6 |
| W | 1.5 | 4.5 | 4.1 | .6 | | | | | | | | 10.7 | 6.3 |
| WNW | .2 | .9 | .9 | .1 | | | | | | | | 2.1 | 6.6 |
| NW | 1.1 | 5.7 | 11.6 | 4.8 | .2 | | | | | | | 23.4 | 8.5 |
| NNW | .3 | 2.0 | 3.6 | 3.5 | .8 | | | | | | | 10.3 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 6.8 | 25.0 | 42.6 | 19.8 | 2.8 | | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 46743 | TAI-NAN FORMOSA/NEU-CHEU-TZU | 54-65 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.3 | 14.6 | 15.1 | 4.1 | .8 | | | | | | | 41.9 | 6.9 |
| NNE | .5 | 1.5 | 1.5 | .3 | .1 | | | | | | | 3.8 | 7.0 |
| NE | 2.0 | 3.0 | .8 | .1 | | | | | | | | 5.9 | 4.5 |
| ENE | | | | | | | | | | | | | |
| E | 1.2 | 1.1 | | | | | | | | | | 2.3 | 3.3 |
| ESE | .2 | .2 | .1 | | | | | | | | | .5 | 5.0 |
| SE | 1.9 | 2.6 | 1.4 | .2 | | | | | | | | 6.1 | 5.0 |
| SSE | .2 | .6 | .3 | | | | | | | | | 1.3 | 5.5 |
| S | 1.3 | 1.5 | 1.3 | .1 | | | | | | | | 4.2 | 5.4 |
| SSW | | .1 | .2 | | | | | | | | | .3 | 7.0 |
| SW | 1.5 | 1.2 | .5 | | | | | | | | | 3.0 | 3.8 |
| WSW | | .1 | | | | | | | | | | .1 | 6.0 |
| W | 1.3 | .8 | .4 | | | | | | | | | 2.5 | 4.1 |
| WNW | .1 | .2 | | | | | | | | | | .3 | 5.3 |
| NW | 2.1 | 2.6 | 3.1 | .3 | | | | | | | | 8.1 | 5.9 |
| NNW | .8 | 1.8 | 2.6 | .5 | .4 | | | | | | | 6.0 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.1 | |
| | 20.9 | 32.0 | 27.2 | 5.5 | 1.3 | | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.0 | 7.8 | 9.1 | 3.7 | .8 | .1 | | | | | | 25.5 | 7.6 |
| NNE | .8 | 1.4 | 1.3 | .3 | .1 | | | | | | | 3.9 | 6.6 |
| NE | 3.4 | 4.4 | 1.1 | .1 | .0 | | | | | | | 9.0 | 4.3 |
| ENE | .2 | .4 | .0 | | | | | | | | | .6 | 4.1 |
| E | 1.9 | 1.7 | .3 | .0 | | | | | | | | 3.9 | 3.9 |
| ESE | .3 | .3 | .1 | | | | | | | | | .6 | 5.3 |
| SE | 1.1 | 1.8 | .8 | .1 | | | | | | | | 3.8 | 5.1 |
| SSE | .1 | .4 | .2 | .1 | .0 | | | | | | | .7 | 6.6 |
| S | .5 | .9 | 1.4 | 1.2 | .4 | .1 | | | | | | 4.4 | 9.8 |
| SSW | .0 | .2 | .6 | .7 | .3 | | | | | | | 1.8 | 11.9 |
| SW | .0 | 1.0 | 1.9 | 2.0 | .3 | | | | | | | 5.7 | 9.4 |
| WSW | .1 | .1 | .7 | .5 | .0 | | | | | | | 1.4 | 9.9 |
| W | .6 | 1.5 | 3.5 | 2.7 | .1 | | | | | | | 8.5 | 9.1 |
| WNW | .1 | .4 | 1.0 | 1.1 | .1 | | | | | | | 2.7 | 10.2 |
| NW | 1.1 | 2.4 | 5.0 | 4.1 | 1.0 | .1 | | | | | | 13.6 | 9.8 |
| NNW | .4 | 1.0 | 2.2 | 1.4 | .5 | .0 | | | | | | 5.5 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.4 | |
| | 15.0 | 25.7 | 29.1 | 17.8 | 3.7 | .2 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 8639

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 0000-0200 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 8.9 | 12.7 | 5.7 | .7 | .2 | | | | | | | 28.2 | 5.2 |
| NNE | 1.1 | 1.5 | .3 | .3 | .1 | | | | | | | 3.2 | 5.6 |
| NE | 3.4 | 3.6 | .4 | | | | | | | | | 7.3 | 3.7 |
| ENE | | | | | | | | | | | | | |
| E | 6.4 | 4.8 | 1.1 | | | | | | | | | 12.3 | 3.7 |
| ESE | .1 | .3 | .1 | | | | | | | | | .4 | 5.0 |
| SE | 3.0 | 4.0 | 1.0 | | | | | | | | | 8.0 | 4.4 |
| SSE | .1 | .3 | .2 | .1 | .1 | | | | | | | .7 | 8.8 |
| S | 1.3 | 1.9 | 1.2 | .1 | .3 | | | | | | | 4.7 | 6.3 |
| SSW | .2 | .2 | .1 | | | | | | | | | .4 | 4.2 |
| SW | .8 | .9 | .5 | .2 | | | | | | | | 2.4 | 5.4 |
| WSW | .2 | .1 | | | | | | | | | | .3 | 4.0 |
| W | .5 | .4 | | | | | | | | | | 1.0 | 3.5 |
| WNW | | .4 | | | | | | | | | | .4 | 5.0 |
| NW | .6 | 1.3 | .4 | | | | | | | | | 2.2 | 5.1 |
| NNW | .1 | .6 | .5 | .3 | | | | | | | | 1.5 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.9 | |
| | 26.9 | 33.0 | 11.4 | 1.6 | .6 | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) | 54-63 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 0300-0500 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 6.1 | 11.1 | 5.3 | .8 | | | | | | | | 23.3 | 5.4 |
| NNE | 1.3 | 1.3 | .3 | | | | | | | | | 2.8 | 4.2 |
| NE | 5.6 | 5.5 | .5 | | | | | | | | | 11.6 | 3.8 |
| ENE | .5 | .4 | .1 | | | | | | | | | 1.1 | 4.1 |
| E | 7.8 | 9.8 | .8 | | | | | | | | | 18.4 | 3.8 |
| ESE | .5 | .6 | .1 | | | | | | | | | 1.3 | 4.1 |
| SE | 3.4 | 3.9 | .9 | .2 | | | | | | | | 8.4 | 4.3 |
| SSE | | .2 | | .1 | | | | | | | | .3 | 7.3 |
| S | .7 | 1.1 | .5 | .3 | .1 | | | | | | | 2.7 | 6.4 |
| SSW | .1 | | .2 | | | | | | | | | .3 | 6.0 |
| SW | .4 | .6 | .3 | | | .1 | | | | | | 1.4 | 5.5 |
| WSW | | | | | | | | | | | | | |
| W | .2 | | .3 | | | | | | | | | .4 | 6.2 |
| WNW | | .1 | | | | | | | | | | .1 | 5.0 |
| NW | .1 | .3 | .4 | | | | | | | | | 1.0 | 4.3 |
| NNW | .2 | .7 | .6 | .1 | | | | | | | | 1.6 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.6 | |
| | 27.0 | 35.9 | 10.3 | 1.4 | .1 | .1 | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS 1115

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 46743 | TAI-NAN FORMOSA/NEU-CHEU-TZE | 54-69 | MAY |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.0 | 10.4 | 7.0 | 1.1 | .2 | | | | | | | 23.3 | 5.8 |
| NNE | 1.7 | 1.5 | 1.3 | | | | | | | | | 4.5 | 5.2 |
| NE | 8.0 | 6.7 | 1.0 | | | | | | | | | 15.7 | 3.6 |
| ENE | .9 | .4 | .1 | | | | | | | | | 1.4 | 3.5 |
| E | 7.9 | 9.7 | .9 | | | | | | | | | 18.5 | 3.8 |
| ESE | .5 | .8 | .3 | | | | | | | | | 1.6 | 4.7 |
| SE | 3.4 | 6.3 | 2.2 | .4 | .1 | | | | | | | 12.3 | 5.1 |
| SSE | .3 | .3 | .3 | | | | | | | | | 1.1 | 6.1 |
| S | .6 | .7 | .4 | .1 | .2 | | | | | | | 2.1 | 6.3 |
| SSW | | | .4 | .1 | | | | | | | | .4 | 10.0 |
| SW | .3 | .2 | .2 | | .1 | .1 | .1 | | | | | .9 | 10.4 |
| WSW | .2 | | .1 | | | | | | | | | .3 | 4.3 |
| W | .4 | .1 | | | | | | | | | | .5 | 3.0 |
| WNW | | | | | | | | | | | | | |
| NW | .7 | 1.4 | .2 | .1 | | | | | | | | 2.2 | 4.5 |
| NNW | | .8 | .7 | .4 | | | | | | | | 1.9 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.4 | |
| | 29.4 | 38.7 | 15.2 | 2.1 | .5 | .1 | .1 | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 1116

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-WAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 3.9 | 4.8 | 1.3 | .1 | .1 | | | | | | 11.3 | 7.5 |
| NNE | | .5 | .7 | .2 | .1 | .1 | | | | | | 1.6 | 9.3 |
| NE | 1.2 | 2.1 | 1.0 | | | | | | | | | 4.2 | 5.0 |
| ENE | | | | | | | | | | | | | |
| E | 1.1 | .9 | | | | | | | | | | 2.0 | 3.2 |
| ESE | .1 | .2 | .3 | | | | | | | | | .5 | 5.8 |
| SE | .7 | 1.9 | 2.3 | .2 | | | | | | | | 5.1 | 6.6 |
| SSE | .4 | .2 | .4 | .4 | | | | | | | | 1.3 | 7.9 |
| S | .7 | 2.1 | 4.3 | 3.5 | .5 | .2 | | | | | | 11.3 | 9.9 |
| SSW | .2 | .8 | 2.3 | .8 | .4 | | | | | | | 4.5 | 9.6 |
| SW | 1.2 | 3.6 | 7.8 | 2.1 | .3 | | | | | | | 14.9 | 8.0 |
| WSW | .1 | .7 | 2.2 | .2 | | | | | | | | 3.2 | 8.3 |
| W | .9 | 3.6 | 7.4 | 1.3 | | | | | | | | 13.3 | 7.7 |
| WNW | .2 | .9 | 2.7 | 1.3 | | | | | | | | 5.1 | 8.8 |
| NW | .0 | 3.4 | 7.9 | 2.0 | .1 | | | | | | | 14.0 | 8.4 |
| NNW | .1 | .0 | 1.6 | .4 | .1 | | | | | | | 3.0 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 8.4 | 25.4 | 45.8 | 13.7 | 1.5 | .4 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) — TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) — 54-65 (YEARS) — MAY (MONTH)

ALL WEATHER (CLASS) — 1200-1400 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | .4 | 1.9 | 1.1 | .3 | .2 | | | | | | 4.1 | 10.6 |
| NNE | .1 | .1 | .4 | .2 | | | | | | | | .7 | 8.5 |
| NE | .2 | .2 | .3 | | | | | | | | | .6 | 5.9 |
| ENE | | | | | | | | | | | | | |
| E | .2 | .1 | .4 | | | | | | | | | 1.3 | 5.7 |
| ESE | | | | | | | | | | | | | |
| SE | .2 | .3 | .6 | .2 | | | | | | | | 1.3 | 7.7 |
| SSE | | | .1 | | | | | | | | | .1 | 10.0 |
| S | .2 | .6 | 1.4 | 3.1 | 1.2 | .3 | | | | | | 6.8 | 13.0 |
| SSW | | .1 | .9 | 2.2 | 1.1 | .1 | | | | | | 4.3 | 14.2 |
| SW | .4 | .6 | 7.3 | 11.6 | 1.6 | .1 | | | | | | 22.0 | 11.9 |
| WSW | .1 | .4 | 2.3 | 3.3 | .3 | | | | | | | 6.5 | 10.9 |
| W | .4 | .3 | 9.6 | 13.9 | .7 | | | | | | | 25.9 | 11.5 |
| WNW | | .2 | 1.1 | 6.6 | 1.2 | | | | | | | 9.3 | 13.3 |
| NW | .1 | .1 | 3.1 | 8.5 | 1.8 | .2 | | | | | | 14.4 | 12.7 |
| NNW | | .2 | .1 | .4 | .5 | | | | | | | 1.9 | 12.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .1 | |
| | 2.1 | 6.1 | 30.6 | 51.1 | 8.6 | .8 | | | | | | 100.0 | 11.8 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 46743 | TAI-NAN FORMOSA/NEU-CHEU-TZE | 54-65 | MAY |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

CONDITION

1500-1700
HOURS (L S T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .5 | 2.0 | 1.7 | 1.0 | .2 | | | | | | 5.5 | 12.2 |
| NNE | | | .4 | .3 | | | | | | | | .6 | 11.6 |
| NE | .3 | .4 | .5 | | | | | | | | | 1.2 | 5.7 |
| ENE | | .2 | .1 | | | | | | | | | .3 | 5.0 |
| E | | .2 | .5 | | | | | | | | | .7 | 7.1 |
| ESE | | | | | | | | | | | | | |
| SE | .4 | .2 | .4 | | | | | | | | | .9 | 5.7 |
| SSE | | .1 | | .3 | | | | | | | | .4 | 11.3 |
| S | .2 | .8 | 1.5 | 2.5 | 1.3 | .1 | | | | | | 6.4 | 12.5 |
| SSW | | .1 | .4 | 1.6 | .5 | | | | | | | 2.6 | 13.7 |
| SW | .5 | 1.0 | 7.5 | 9.8 | 1.0 | | | | | | | 19.6 | 11.3 |
| WSW | .1 | .4 | 2.3 | 2.3 | | | | | | | | 5.1 | 10.5 |
| W | .1 | 1.8 | 9.6 | 12.4 | .6 | | | .1 | | | | 24.6 | 11.1 |
| WNW | .1 | .1 | 2.4 | 4.7 | .2 | | | | | | | 7.5 | 12.0 |
| NW | .2 | .6 | 5.9 | 10.8 | 3.2 | .1 | | | | | | 20.8 | 12.8 |
| NNW | | .1 | 1.0 | 2.0 | .2 | | | | | | | 3.2 | 12.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .5 | |
| | 1.9 | 6.4 | 34.5 | 48.3 | 8.0 | .4 | | .1 | | | | 100.0 | 11.6 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 1800-2000 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 3.9 | 6.6 | 2.9 | .2 | .1 | | | | | | 14.8 | 8.5 |
| NNE | .1 | .3 | .7 | .4 | | | | | | | | 1.5 | 8.8 |
| NE | .7 | 1.3 | .8 | | | | | | | | | 2.9 | 5.1 |
| ENE | | | | | | | | | | | | | |
| E | .4 | 1.1 | .7 | .2 | | | | | | | | 2.3 | 6.2 |
| ESE | | .1 | | | | | | | | | | .1 | 5.0 |
| SE | .7 | 1.3 | .5 | | | | | | | | | 2.8 | 4.9 |
| SSE | | | .4 | .2 | | | | | | | | .3 | 9.3 |
| S | 1.3 | 2.3 | 3.7 | 1.2 | | | | | | | | 8.5 | 7.2 |
| SSW | .3 | .4 | 1.6 | .4 | | | | | | | | 2.7 | 8.6 |
| SW | 2.0 | 3.6 | 6.0 | .6 | .1 | | | | | | | 12.5 | 6.9 |
| WSW | .3 | .4 | 1.0 | .1 | | | | | | | | 1.7 | 7.3 |
| W | 2.8 | 5.0 | 6.0 | .4 | .1 | | | | | | | 14.3 | 6.4 |
| WNW | | .9 | 1.7 | .8 | | | | | | | | 3.4 | 9.2 |
| NW | 1.0 | 4.1 | 9.7 | 4.3 | .2 | | | | | | | 19.3 | 8.7 |
| NNW | .1 | 1.3 | 4.4 | 2.3 | .3 | | | | | | | 8.4 | 9.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.3 | |
| | 10.7 | 25.4 | 43.8 | 13.9 | .8 | .1 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.9 | 13.1 | 9.8 | 1.8 | .1 | | | | | | | 30.6 | 6.0 |
| NNE | 1.1 | 1.1 | .6 | .1 | | | | | | | | 2.9 | 5.1 |
| NE | 2.8 | 2.9 | 1.0 | | | | | | | | | 6.6 | 4.3 |
| ENE | | | .1 | | | | | | | | | .1 | 9.0 |
| E | 3.0 | 2.6 | .5 | | | | | | | | | 6.1 | 4.0 |
| ESE | .2 | | | | | | | | | | | .2 | 2.0 |
| SE | 2.3 | 2.7 | 1.5 | .1 | | | | | | | | 6.8 | 4.6 |
| SSE | .3 | .7 | .1 | .3 | | | | | | | | 1.3 | 6.6 |
| S | 2.0 | 3.6 | 1.3 | .2 | | | | | | | | 7.1 | 5.1 |
| SSW | | .7 | .2 | | | | | | | | | .9 | 5.7 |
| SW | 2.2 | 2.3 | .1 | | | | | | | | | 4.6 | 3.8 |
| WSW | .1 | .3 | | | | | | | | | | .4 | 4.5 |
| W | 2.0 | 1.2 | .3 | .2 | | | | | | | | 4.2 | 3.9 |
| WNW | | .4 | | | | | | | | | | .4 | 4.6 |
| NW | 1.1 | 2.3 | 2.3 | .4 | | | | | | | | 6.2 | 6.4 |
| NNW | .4 | 1.4 | 1.2 | .3 | | | | | | | | 3.3 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.3 | |
| | 24.0 | 35.3 | 19.0 | 3.3 | .1 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 1116

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 7.0 | 5.4 | 1.4 | .2 | .1 | | | | | | 17.5 | 6.5 |
| NNE | .7 | .8 | .6 | .2 | .0 | .0 | | | | | | 2.2 | 6.1 |
| NE | 2.8 | 2.6 | .7 | | | | | | | | | 6.3 | 4.1 |
| ENE | .2 | .1 | .0 | | | | | | | | | .4 | 4.0 |
| E | 3.3 | 3.7 | .6 | .0 | | | | | | | | 7.7 | 4.0 |
| ESE | .2 | .2 | .1 | | | | | | | | | .5 | 4.6 |
| SE | 1.8 | 2.6 | 1.2 | .1 | .0 | | | | | | | 5.7 | 5.0 |
| SSE | .1 | .2 | .2 | .2 | .0 | | | | | | | .7 | 7.7 |
| S | .4 | 1.6 | 1.8 | 1.4 | .4 | .1 | | | | | | 6.2 | 8.8 |
| SSW | .1 | .3 | .8 | .6 | .2 | .0 | | | | | | 2.0 | 10.9 |
| SW | 1.0 | 1.6 | 3.7 | 3.0 | .4 | .0 | .0 | | | | | 9.8 | 9.4 |
| WSW | .1 | .3 | 1.0 | .7 | .0 | | | | | | | 2.2 | 9.6 |
| W | 1.0 | 1.7 | 4.1 | 3.5 | .2 | | | .0 | | | | 10.5 | 9.4 |
| WNW | .0 | .4 | 1.0 | 1.7 | .2 | | | | | | | 3.3 | 11.2 |
| NW | .6 | 1.0 | 3.7 | 3.3 | .7 | .0 | | | | | | 10.1 | 9.9 |
| NNW | .1 | .0 | 1.3 | .8 | .1 | | | | | | | 3.1 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.7 | |
| | 16.4 | 25.9 | 26.3 | 16.9 | 2.5 | .2 | .0 | .0 | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 8927

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.9 | 3.9 | 1.2 | .3 | | | | | | | | 8.2 | 4.8 |
| NNE | .4 | .5 | .3 | | | | | | | | | 1.1 | 4.4 |
| NE | 5.1 | 2.6 | .6 | | | | | | | | | 8.2 | 3.5 |
| ENE | .2 | .4 | .1 | | | | | | | | | .6 | 4.7 |
| E | 6.7 | 11.1 | 3.7 | .1 | | | | | | | | 21.6 | 4.6 |
| ESE | .7 | 1.9 | .4 | | | | | | | | | 3.1 | 4.6 |
| SE | 5.4 | 9.2 | 3.1 | .2 | .1 | | | | | | | 17.9 | 4.8 |
| SSE | .2 | .7 | .6 | .1 | | | | | | | | 1.7 | 6.3 |
| S | 2.6 | 2.6 | 1.5 | .5 | .1 | | | | | | | 7.2 | 5.6 |
| SSW | | .1 | .1 | | | | | | | | | .2 | 7.5 |
| SW | 1.2 | .6 | .6 | .4 | .3 | | .1 | | | | | 3.1 | 7.9 |
| WSW | | | .1 | .3 | | | | .1 | | | | .5 | 16.4 |
| W | .1 | | .1 | | | | | | | | | .2 | 5.5 |
| WNW | | | | | | | | | | | | | |
| NW | .4 | .1 | .2 | | | | | | | | | .6 | 5.1 |
| NNW | .1 | .2 | .2 | .1 | | | | | | | | .6 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.2 | |
| | 25.0 | 33.8 | 12.7 | 1.9 | .5 | | .1 | .1 | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 1080

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 3.7 | .9 | .2 | | | | | | | | 7.4 | 4.6 |
| NNE | .6 | .6 | .2 | | | | | | | | | 1.4 | 4.0 |
| NE | 4.7 | 5.0 | .4 | | | | | | | | | 10.1 | 3.7 |
| ENE | .4 | .6 | .2 | | | | | | | | | 1.2 | 4.5 |
| E | 8.5 | 17.3 | 3.6 | .2 | | | | | | | | 29.6 | 4.6 |
| ESE | .3 | 2.4 | .6 | | | | | | | | | 3.7 | 5.6 |
| SE | 4.4 | 8.7 | 4.4 | .2 | | | | | | | | 17.7 | 5.1 |
| SSE | .2 | .5 | .4 | .4 | | | | | | | | 1.4 | 8.1 |
| S | 1.4 | 1.3 | .7 | .1 | .2 | .2 | | | | | | 3.9 | 6.4 |
| SSW | | | | .1 | | | | | | | | .1 | 13.0 |
| SW | .2 | .2 | .3 | .2 | .3 | .1 | | | | | | 1.2 | 11.8 |
| WSW | | | .1 | .2 | .1 | | | | | | | .4 | 13.3 |
| W | .1 | .1 | .1 | .2 | .1 | | | | | | | .6 | 9.7 |
| WNW | | | | | | | | | | | | | |
| NW | .3 | .2 | .1 | | | | | | | | | .6 | 4.5 |
| NNW | | .1 | .1 | | | | | | | | | .2 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.6 | |
| | 23.8 | 40.7 | 12.2 | 1.7 | .6 | .3 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-05 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 3.2 | 1.5 | .5 | | | | | | | | 7.2 | 5.5 |
| NNE | .5 | 1.0 | 1.1 | | | | | | | | | 2.6 | 5.8 |
| NE | 6.4 | 6.9 | .4 | | | | | | | | | 13.7 | 3.6 |
| ENE | .6 | 1.0 | .1 | | | | | | | | | 1.7 | 4.4 |
| E | 6.1 | 15.0 | 4.1 | | | | | | | | | 27.1 | 4.6 |
| ESE | .6 | 2.4 | 1.4 | | | | | | | | | 4.6 | 5.7 |
| SE | 4.3 | 11.0 | 5.5 | .8 | | | | | | | | 21.6 | 5.6 |
| SSE | .3 | .7 | .7 | .5 | .1 | | | | | | | 2.3 | 6.1 |
| S | .7 | 1.2 | .6 | .3 | .1 | .2 | | | | | | 3.1 | 7.2 |
| SSW | | .2 | .1 | | | | | | | | | .3 | 5.3 |
| SW | .3 | .5 | .3 | .1 | .2 | | | | | | | 1.3 | 7.6 |
| WSW | | | | .4 | | | | | | | | .4 | 14.0 |
| W | | .2 | | .1 | | | | | | | | .3 | 8.0 |
| WNW | | .1 | | .1 | | | | | | | | .2 | 8.5 |
| NW | .3 | .5 | | .1 | | | | | | | | .8 | 4.7 |
| NNW | .1 | .1 | .3 | | | | | | | | | .5 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.4 | |
| | 24.3 | 44.1 | 15.9 | 2.8 | .4 | .2 | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 46743 | TAI-NAN FORMOSA/NEU-CHEU-TZU | 54-65 | JUN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

CONDITION

0900-1100
HOURS (L S T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 2.5 | 3.1 | 1.2 | .4 | | | | | | | 7.4 | 8.4 |
| NNE | .2 | .2 | .6 | | | | | | | | | 1.0 | 7.3 |
| NE | 1.3 | 1.4 | .6 | .1 | | | | | | | | 3.3 | 4.5 |
| ENE | .2 | .1 | .2 | | | | | | | | | .5 | 5.0 |
| E | 1.3 | 1.9 | 2.0 | .2 | | | | | | | | 5.5 | 5.8 |
| ESE | .3 | .6 | .8 | .3 | | | | | | | | 2.0 | 7.2 |
| SE | 1.8 | 4.4 | 5.1 | 1.6 | | | | | | | | 12.9 | 7.1 |
| SSE | .7 | .7 | 1.9 | .6 | .1 | | | | | | | 3.4 | 8.9 |
| S | 1.8 | 4.3 | 8.0 | 3.6 | .7 | | | | | | | 18.3 | 8.4 |
| SSW | .1 | .7 | 1.8 | 1.1 | .2 | .4 | | | | | | 4.3 | 10.9 |
| SW | .9 | 3.1 | 3.1 | 1.9 | .1 | | | | | | | 11.1 | 7.9 |
| WSW | .2 | .6 | 1.5 | .7 | | | | | | | | 3.1 | 8.7 |
| W | .7 | 2.7 | 4.1 | .6 | | | | | | | | 8.1 | 7.3 |
| WNW | .6 | 1.5 | 1.7 | .4 | | | | | | | | 4.1 | 7.2 |
| NW | .7 | 2.7 | 3.9 | .6 | .2 | | | | | | | 8.1 | 7.1 |
| NNW | .2 | .8 | 1.6 | .6 | | | | | | | | 2.7 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 10.6 | 28.3 | 41.2 | 13.4 | 1.7 | .4 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .2 | .6 | .7 | .2 | .1 | | | | | | 1.9 | 11.5 |
| NNE | | .2 | | .2 | | | | | | | | .4 | 9.0 |
| NE | .1 | .4 | .1 | .1 | .1 | | | | | | | .7 | 7.3 |
| ENE | | .1 | .1 | | | | | | | | | .2 | 7.0 |
| E | .6 | 1.1 | .8 | .1 | | | | | | | | 2.7 | 5.7 |
| ESE | .1 | .3 | .4 | .1 | | | | | | | | .8 | 7.0 |
| SE | .6 | 1.[illegible] | 2.0 | .8 | .2 | | | | | | | 5.3 | 7.[illegible] |
| SSE | | .2 | 1.2 | .4 | .1 | | .1 | | | | | 1.[illegible] | 10.9 |
| S | .6 | 1.0 | 5.6 | 6.8 | 1.9 | .1 | | | | | | 16.0 | 11.2 |
| SSW | .1 | .3 | 2.3 | 2.6 | 1.4 | .2 | | | | | | 7.0 | 12.5 |
| SW | .8 | 1.9 | 10.4 | 6.9 | .6 | | | | | | | 20.7 | 10.0 |
| WSW | .2 | .6 | 3.7 | 1.1 | .4 | | | | | | | 5.9 | 10.0 |
| W | .4 | 1.1 | 10.4 | 9.0 | .2 | | | | | | | 21.0 | 10.4 |
| WNW | | .3 | 1.4 | 1.7 | .3 | .1 | | | | | | 3.7 | 11.8 |
| NW | .2 | .6 | 3.1 | 3.3 | .8 | .2 | .1 | | | | | 8.3 | 11.8 |
| NNW | | | .6 | .6 | .2 | | | | | | | 1.4 | 12.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.2 | |
| | 3.8 | 10.8 | 42.7 | 34.4 | 6.3 | .6 | .2 | | | | | 100.0 | 10.3 |

TOTAL NUMBER OF OBSERVATIONS 1080

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 1500-1700 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .2 | 1.2 | .8 | .2 | .1 | | | | | | 2.3 | 10.9 |
| NNE | | .3 | | | | | | | | | | .3 | 6.0 |
| NE | .9 | .5 | .5 | .2 | | | | | | | | 1.4 | 7.1 |
| ENE | | .2 | .1 | | | | | | | | | .3 | 6.7 |
| E | .6 | 1.4 | 1.4 | .2 | | | | | | | | 3.6 | 6.5 |
| ESE | | .6 | .6 | .1 | | | | | | | | 1.2 | 7.1 |
| SE | .4 | 1.6 | 2.1 | 1.0 | .3 | | | | | | | 5.4 | 8.4 |
| SSE | .1 | .2 | .6 | .3 | .3 | | | | | | | 1.4 | 10.4 |
| S | .2 | 1.8 | 6.4 | 6.1 | 1.1 | .1 | | | | | | 15.6 | 10.9 |
| SSW | | .5 | 2.0 | 1.1 | .9 | | | | | | | 4.5 | 11.6 |
| SW | .5 | 3.8 | 13.4 | 5.0 | 1.4 | .2 | | | | | | 24.3 | 9.7 |
| WSW | | 1.2 | 2.0 | 2.4 | .1 | | | | | | | 5.7 | 10.3 |
| W | .4 | 1.7 | 8.7 | 7.8 | | .1 | | | | | | 18.6 | 10.3 |
| WNW | | | 1.9 | 1.3 | | | | | | | | 3.2 | 10.9 |
| NW | .2 | .5 | 2.2 | 5.9 | .7 | | .1 | .1 | | | | 9.7 | 12.3 |
| NNW | | | .4 | .6 | .3 | .1 | | | | | | 1.3 | 13.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 2.1 | 14.2 | 43.3 | 32.3 | 5.3 | .6 | .1 | .1 | | | | 100.0 | 10.2 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-HAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-63 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 2.2 | 3.5 | .8 | .1 | | | | | | | 7.9 | 7.4 |
| NNE | .1 | .7 | .5 | .3 | | | | | | | | 1.6 | 7.4 |
| NE | 1.9 | 2.0 | .9 | .3 | | | | | | | | 5.2 | 4.9 |
| ENE | | .6 | .2 | | | | | | | | | .7 | 6.0 |
| E | 1.6 | 4.9 | 2.5 | .2 | | | | | | | | 9.2 | 5.7 |
| ESE | .3 | 1.3 | .5 | .1 | | | | | | | | 2.1 | 6.0 |
| SE | 1.8 | 4.8 | 2.1 | .6 | .2 | | | | | | | 9.4 | 6.0 |
| SSE | .1 | .7 | .8 | .2 | | | | | | | | 1.9 | 7.3 |
| S | 1.5 | 5.1 | 5.0 | 2.3 | .4 | | | | | | | 14.3 | 7.5 |
| SSW | .1 | .8 | 1.9 | .6 | | | | | | | | 3.3 | 8.1 |
| SW | 2.2 | 6.7 | 4.8 | .6 | .2 | | | | | | | 14.4 | 6.3 |
| WSW | .5 | 1.3 | 1.9 | .1 | .2 | | | .1 | | | | 4.0 | 7.8 |
| W | 1.5 | 4.3 | 3.9 | .4 | | .1 | | | | | | 10.1 | 6.5 |
| WNW | .1 | .8 | .5 | .2 | | | | | | | | 1.6 | 6.6 |
| NW | .2 | 2.2 | 3.3 | 1.0 | | | | | | | | 6.6 | 7.9 |
| NNW | .3 | .5 | .9 | .2 | .1 | .1 | | | | | | 2.0 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.5 | |
| | 13.2 | 39.0 | 33.1 | 7.7 | 1.1 | .2 | | .1 | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 1000

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 2100-2300 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.7 | 3.7 | 2.1 | .5 | | | | | | | | 10.0 | 5.0 |
| NNE | .4 | .5 | .3 | | | | | | | | | 1.1 | 4.8 |
| NE | 3.4 | 3.0 | .5 | | | | | | | | | 6.9 | 4.0 |
| ENE | .2 | .0 | .3 | | | | | | | | | 1.0 | 5.4 |
| E | 4.4 | 8.2 | 1.9 | .4 | | | | | | | | 14.9 | 4.7 |
| ESE | .7 | 1.0 | .4 | | | | | | | | | 2.1 | 4.5 |
| SE | 6.3 | 7.4 | 3.9 | .5 | | | | | | | | 18.2 | 5.0 |
| SSE | .1 | .9 | .6 | .3 | .1 | | | | | | | 2.0 | 7.6 |
| S | 2.5 | 4.4 | 1.9 | .6 | | | | | | | | 9.4 | 5.4 |
| SSW | .5 | .4 | .1 | | | | | | | | | .9 | 3.6 |
| SW | 2.3 | 3.0 | 1.1 | .5 | .3 | .2 | | | | | | 7.9 | 5.9 |
| WSW | .2 | .3 | .4 | | | | | | | | | .8 | 6.2 |
| W | .7 | .8 | .3 | | | | | | | | | 2.0 | 4.0 |
| WNW | .2 | | .1 | .1 | | | | | | | | .3 | 7.3 |
| NW | .5 | 1.9 | .5 | | | | | | | | | 2.8 | 5.2 |
| NNW | .2 | .4 | .1 | .2 | .3 | | | | | | | 1.1 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.4 | |
| | 27.0 | 36.4 | 14.4 | 2.9 | .6 | .2 | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 2.5 | 1.8 | .6 | .1 | .0 | | | | | | 6.5 | 6.3 |
| NNE | .3 | .5 | .4 | .1 | | | | | | | | 1.2 | 5.8 |
| NE | 2.9 | 2.7 | .5 | .1 | .0 | | | | | | | 6.2 | 4.6 |
| ENE | .2 | .4 | .2 | | | | | | | | | .8 | 5.0 |
| E | 4.0 | 7.6 | 2.5 | .2 | | | | | | | | 14.3 | 4.4 |
| ESE | .4 | 1.3 | .6 | .1 | | | | | | | | 2.5 | 5.7 |
| SE | 3.1 | 6.1 | 3.5 | .7 | .1 | | | | | | | 13.5 | 5.7 |
| SSE | .1 | .6 | .9 | .3 | .1 | | .0 | | | | | 2.0 | 8.5 |
| S | 1.4 | 2.8 | 3.7 | 2.3 | .6 | .1 | | | | | | 11.1 | 8.5 |
| SSW | .1 | .4 | 1.0 | .7 | .3 | .1 | | | | | | 2.6 | 10.7 |
| SW | 1.1 | 2.5 | 4.5 | 1.9 | .4 | .1 | .0 | | | | | 10.5 | 8.5 |
| WSW | .1 | .5 | 1.2 | .6 | .1 | | | .0 | | | | 2.6 | 9.6 |
| W | .5 | 1.4 | 3.4 | 2.2 | .0 | .0 | | | | | | 7.6 | 9.1 |
| WNW | .1 | .3 | .7 | .5 | .0 | .0 | | | | | | 1.5 | 9.3 |
| NW | .3 | 1.1 | 1.7 | 1.4 | .2 | .0 | .0 | .0 | | | | 4.7 | 9.4 |
| NNW | .1 | .3 | .5 | .3 | .1 | .0 | | | | | | 1.3 | 9.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.1 | |
| | 16.4 | 30.9 | 27.0 | 12.1 | 2.1 | .3 | .0 | .0 | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 8640

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FOR, TSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 0000-0200 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 1.9 | .3 | .1 | | | | | | | | 3.8 | 4.4 |
| NNE | .3 | .3 | .1 | | | | | | | | | .6 | 4.0 |
| NE | 2.2 | 3.4 | .8 | | | | | | | | | 6.5 | 4.3 |
| ENE | .2 | .4 | .1 | | | | | | | | | .6 | 4.7 |
| E | 7.8 | 15.3 | 2.7 | .2 | | | | | | | | 25.9 | 4.6 |
| ESE | .7 | 1.5 | .2 | .1 | | | | | | | | 2.7 | 4.6 |
| SE | 4.2 | 8.9 | 3.9 | 1.4 | .2 | | | | | | | 18.6 | 5.9 |
| SSE | .2 | .4 | .4 | .3 | .2 | .1 | | | | | | 1.5 | 10.0 |
| S | 1.6 | 2.2 | 1.9 | 1.0 | .4 | .1 | | | | | | 7.2 | 7.4 |
| SSW | .1 | .1 | | .2 | | .1 | | | | | | .4 | 12.6 |
| SW | 1.1 | 1.3 | 1.1 | .1 | .3 | .2 | | .2 | | | | 4.2 | 11.3 |
| WSW | .1 | | | | | | | | | | | .1 | 2.0 |
| W | .1 | .3 | | | | .2 | | | | | | .5 | 10.7 |
| WNW | | .1 | .1 | | | | | | | | | .2 | 7.0 |
| NW | .7 | .9 | .2 | .2 | | | | | | | | 1.9 | 5.1 |
| NNW | .1 | .4 | .1 | .3 | | | | | | | | .8 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.5 | |
| | 21.1 | 37.1 | 11.6 | 3.0 | 1.0 | .6 | | .2 | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 1.0 | .4 | | .1 | | | | | | | 3.1 | 5.0 |
| NNE | .7 | .8 | .2 | | | | | | | | | 1.5 | 4.2 |
| NE | 4.5 | 5.0 | 1.0 | .2 | | | | | | | | 10.7 | 4.1 |
| ENE | .1 | .7 | .2 | | | | | | | | | 1.0 | 4.9 |
| E | 9.3 | 19.1 | 3.1 | .3 | | | | | | | | 31.8 | 4.5 |
| ESE | .8 | 2.3 | .7 | | | | | | | | | 3.7 | 5.1 |
| SE | 3.4 | 8.2 | 4.7 | 1.1 | .3 | .1 | | | | | | 17.7 | 6.2 |
| SSE | .4 | .3 | .2 | .5 | .1 | | | | | | | 1.4 | 9.0 |
| S | .5 | .9 | 1.3 | .5 | .7 | .2 | | | | | | 4.2 | 10.2 |
| SSW | | | .2 | .4 | | .1 | | | | | | .6 | 13.6 |
| SW | .5 | .5 | .4 | | .2 | .3 | .1 | | | | | 2.1 | 9.9 |
| WSW | | | | | | | | | | | | | |
| W | .2 | .4 | | | | | | | | | | .6 | 4.4 |
| WNW | | | .1 | | | | | | | | | .1 | 10.0 |
| NW | .4 | .1 | .1 | .1 | | | | | | | | .6 | 5.7 |
| NNW | .2 | .1 | .2 | .2 | | | | | | | | .6 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.3 | |
| | 21.9 | 39.9 | 12.7 | 3.2 | 1.3 | .6 | .1 | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 0600-0800 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 2.4 | 1.3 | .9 | | | | | | | | 6.0 | 5.4 |
| NNE | .4 | .9 | .3 | .3 | | | | | | | | 1.9 | 6.1 |
| NE | 7.2 | 8.3 | 1.3 | | | | | | | | | 16.8 | 4.0 |
| ENE | .6 | 1.3 | .2 | | | | | | | | | 2.3 | 4.3 |
| E | 10.7 | 18.6 | 2.7 | .3 | | | | | | | | 32.3 | 4.4 |
| ESE | .4 | 2.2 | 1.6 | | | | | | | | | 4.2 | 5.9 |
| SE | 3.1 | 6.0 | 5.4 | 1.6 | .3 | .1 | | | | | | 16.5 | 6.7 |
| SSE | | .2 | .6 | 1.4 | .4 | | | | | | | 2.6 | 12.4 |
| S | .4 | .9 | 1.4 | .6 | .2 | .1 | | | | | | 3.7 | 8.6 |
| SSW | | | | .3 | .1 | .1 | | | | | | .4 | 15.8 |
| SW | .4 | .1 | .2 | .4 | | .3 | | | | | | 1.3 | 11.1 |
| WSW | | | | | | | | | | | | | |
| W | .2 | .3 | .2 | .1 | | | | | | | | .7 | 6.0 |
| WNW | .1 | | | | | | | | | | | .1 | 2.0 |
| NW | | .2 | .4 | | .1 | .2 | .1 | | | | | .9 | 14.6 |
| NNW | .1 | .3 | .1 | | | | | | | | | .4 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.8 | |
| | 25.0 | 41.8 | 15.5 | 5.5 | 1.0 | .7 | .1 | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 1116



3210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NLU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JJL (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥55 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.3 | 3.4 | 2.1 | .2 | | | | | | | 8.8 | 8.1 |
| NNE | | .9 | 1.0 | .2 | | | | | | | | 2.1 | 7.4 |
| NE | 1.0 | 2.7 | .5 | | | | | | | | | 4.8 | 4.4 |
| ENE | .2 | .4 | .1 | | | | | | | | | .7 | 4.3 |
| E | 1.0 | 1.3 | 1.9 | .2 | | | | | | | | 4.9 | 5.6 |
| ESE | .2 | .6 | .4 | .4 | | | | | | | | 1.6 | 7.4 |
| SE | 1.0 | 4.0 | 5.5 | .8 | .1 | .1 | .3 | | | | | 12.4 | 7.7 |
| SSE | .2 | .8 | 1.5 | 1.1 | .5 | .2 | | | | | | 4.3 | 10.7 |
| S | 1.5 | 3.9 | 6.2 | 4.4 | .8 | .4 | | | | | | 17.1 | 9.4 |
| SSW | | .4 | 1.2 | .7 | .4 | .1 | | | | | | 2.9 | 11.6 |
| SW | 1.7 | 3.3 | 4.3 | .7 | .8 | .2 | .1 | | | | | 11.3 | 7.9 |
| WSW | .2 | .4 | 1.3 | .1 | | | .1 | | | | | 2.3 | 8.5 |
| W | 1.0 | 3.2 | 3.8 | .4 | | | | | | | | 8.3 | 6.8 |
| WNW | .3 | 1.1 | 2.2 | .3 | | | | | | | | 3.8 | 7.4 |
| NW | 1.1 | 2.4 | 3.9 | 1.1 | .2 | .1 | .1 | .2 | | | | 9.0 | 8.7 |
| NNW | .2 | .6 | .8 | .6 | | .2 | | | | | | 2.4 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 12.6 | 28.0 | 38.3 | 12.9 | 3.0 | 1.2 | .5 | .2 | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .2 | .9 | 1.1 | .1 | | | | | | | 2.3 | 10.9 |
| NNE | | | .4 | | | | | | | | | .4 | 8.5 |
| NE | .2 | .4 | .3 | | | | | | | | | .8 | 5.4 |
| ENE | | | .1 | | | | | | | | | .1 | 7.0 |
| E | .2 | .5 | .5 | .3 | | | | | | | | 1.5 | 7.5 |
| ESE | | | .3 | .1 | | | | | | | | .4 | 10.5 |
| SE | .6 | 1.2 | 2.3 | 1.4 | .3 | .1 | | | | | | 5.9 | 9.2 |
| SSE | .1 | .3 | .8 | 1.2 | .2 | .2 | | | | | | 2.7 | 11.8 |
| S | .3 | 1.0 | 3.2 | 6.2 | 3.0 | .7 | | | | | | 14.4 | 13.4 |
| SSW | | .3 | 1.4 | 2.1 | 1.0 | .2 | | | | | | 4.9 | 12.7 |
| SW | .2 | 1.9 | 12.0 | 6.4 | .4 | .2 | | | | | | 21.1 | 10.2 |
| WSW | | .4 | 4.4 | 2.3 | | | | | | | | 7.1 | 10.1 |
| W | .1 | 1.9 | 10.3 | 8.8 | .7 | | | | .1 | .1 | | 22.0 | 11.0 |
| WNW | | .1 | 2.2 | 1.7 | .3 | | | .1 | | | | 4.4 | 11.5 |
| NW | .2 | .5 | 3.0 | 4.3 | .9 | .7 | | | | | | 9.6 | 12.6 |
| NNW | | | .3 | 1.1 | .4 | .2 | .2 | .1 | | | | 2.2 | 10.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .3 | |
| | 1.9 | 8.5 | 42.4 | 36.8 | 7.3 | 2.2 | .2 | .2 | .1 | .1 | | 100.0 | 11.3 |

TOTAL NUMBER OF OBSERVATIONS 1116

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-PAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .2 | .4 | .7 | .1 | | | | | | | 1.5 | 10.9 |
| NNE | | .1 | .1 | | | | | | | | | .2 | 7.5 |
| NE | | .4 | .2 | .1 | .1 | | | | | | | .7 | 8.8 |
| ENE | | | .1 | .1 | | | | | | | | .2 | 11.0 |
| E | .2 | 1.2 | 1.1 | .2 | .1 | | | | | | | 2.7 | 7.2 |
| ESE | | .1 | .4 | .1 | | | | | | | | .5 | 9.6 |
| SE | .2 | 1.3 | 2.0 | .4 | | .1 | | | | | | 4.3 | 8.8 |
| SSE | | .3 | .6 | .6 | .3 | | | | | | | 1.8 | 11.3 |
| S | .4 | .8 | 3.0 | 6.1 | 3.0 | .3 | | | .1 | | | 13.6 | 13.1 |
| SSW | | .1 | 1.0 | 2.6 | .8 | .1 | | .1 | | | | 4.7 | 14.2 |
| SW | .4 | 2.2 | 11.5 | 7.5 | .9 | .4 | .1 | | | | | 22.8 | 10.6 |
| WSW | .2 | .4 | 3.6 | 2.9 | .1 | | | | | | | 7.3 | 10.3 |
| W | .5 | 1.3 | 11.7 | 8.2 | .7 | | | .1 | .2 | | | 22.7 | 10.9 |
| WNW | | | 2.5 | 2.1 | .1 | | | | | | | 4.7 | 11.0 |
| NW | .3 | .4 | 2.1 | 4.8 | 1.9 | .7 | .2 | .1 | | | | 9.9 | 14.5 |
| NNW | | .1 | .4 | .8 | .7 | .1 | | | | | | 2.1 | 15.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .4 | |
| | 2.2 | 8.0 | 40.8 | 37.0 | 8.7 | 1.6 | .3 | .3 | .3 | | | 100.0 | 11.4 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZU (STATION NAME) 54-65 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.3 | 1.4 | 1.0 | .4 | | | | | | | 4.6 | 9.3 |
| NNE | .2 | .3 | .3 | | | | | | | | | .7 | 5.3 |
| NE | 1.3 | 3.0 | 1.2 | .5 | .1 | | | | | | | 6.2 | 6.1 |
| ENE | .1 | .7 | .3 | | | | | | | | | 1.1 | 6.0 |
| E | 1.6 | 4.3 | 2.7 | .4 | .1 | | | | | | | 9.2 | 5.9 |
| ESE | .1 | .4 | .3 | .1 | | | | | | | | .9 | 7.1 |
| SE | 1.3 | 2.6 | 2.8 | 1.1 | .2 | | | | | | | 8.0 | 7.1 |
| SSE | | .5 | .4 | .5 | | | | | | | | 1.5 | 9.1 |
| S | 1.0 | 2.8 | 6.4 | 2.3 | .6 | .2 | | | | | | 13.3 | 9.1 |
| SSW | .2 | .8 | .8 | .6 | .4 | .2 | | | | | | 3.0 | 10.3 |
| SW | 2.6 | 7.7 | 6.0 | 1.5 | | .1 | | | | | | 18.1 | 6.5 |
| WSW | .6 | 1.3 | 1.4 | | | | | | | | | 3.3 | 6.0 |
| W | 1.3 | 5.6 | 5.7 | .5 | | .1 | | | | | | 13.4 | 5.7 |
| WNW | .2 | .4 | 1.1 | .4 | | | | | | | | 2.2 | 8.3 |
| NW | .4 | 1.5 | 3.4 | 1.9 | .4 | .6 | .1 | | | | | 8.4 | 10.6 |
| NNW | | .3 | 1.0 | .7 | .2 | .2 | | | | | | 2.3 | 11.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 11.7 | 33.8 | 35.1 | 11.6 | 2.4 | 1.3 | .1 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 1116

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-KAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | 2.3 | 1.4 | .4 | .1 | .1 | | | | | | 5.2 | 6.7 |
| NNE | .2 | .4 | | | | | | | | | | .5 | 3.3 |
| NE | 2.3 | 3.1 | 1.2 | | | | | | | | | 6.6 | 4.4 |
| ENE | .3 | .4 | .4 | | | | | | | | | 1.0 | 5.5 |
| E | 6.6 | 9.0 | 3.0 | .1 | .1 | | | | | | | 18.8 | 4.5 |
| ESE | .3 | 1.4 | .2 | .1 | | | | | | | | 2.0 | 5.2 |
| SE | 3.9 | 7.7 | 3.9 | 1.1 | .1 | | | | | | | 16.6 | 5.6 |
| SSE | .2 | .9 | .2 | .4 | .1 | | | | | | | 1.8 | 7.8 |
| S | 2.7 | 3.4 | 2.3 | 1.2 | .4 | .1 | | | | | | 10.1 | 6.9 |
| SSW | .2 | .5 | .4 | .3 | | | | | | | | 1.4 | 7.3 |
| SW | 3.3 | 3.2 | 1.4 | .4 | | | | | | | | 10.3 | 4.7 |
| WSW | .4 | .1 | .1 | | | | | | | | | .5 | 3.7 |
| W | 1.2 | 1.1 | .4 | .7 | .1 | .1 | .1 | | | | | 3.6 | 7.7 |
| WNW | .3 | | .1 | | | | | | | | | .4 | 3.5 |
| NW | 1.2 | 1.9 | 1.2 | .3 | .2 | .2 | | | | | | 4.8 | 6.8 |
| NNW | .1 | .3 | .4 | .1 | | | .1 | | | | | 1.3 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.9 | |
| | 23.9 | 37.9 | 16.6 | 5.0 | 1.1 | .4 | .2 | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 1116

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 1.5 | 1.2 | .7 | .1 | .0 | | | | | | 4.4 | 7.7 |
| NNE | .2 | .4 | .3 | .1 | | | | | | | | 1.0 | 5.9 |
| NE | 2.4 | 3.3 | .8 | .1 | .0 | | | | | | | 6.6 | 4.5 |
| ENE | .2 | .5 | .2 | .0 | | | | | | | | .9 | 5.1 |
| E | 4.7 | 8.7 | 2.2 | .2 | .0 | | | | | | | 15.9 | 4.7 |
| ESE | .3 | 1.1 | .5 | .1 | | | | | | | | 2.0 | 5.9 |
| SE | 2.3 | 5.0 | 3.6 | 1.2 | .2 | .1 | .0 | | | | | 12.5 | 6.7 |
| SSE | .1 | .4 | .6 | .8 | .2 | .1 | | | | | | 2.2 | 10.6 |
| S | 1.1 | 2.0 | 3.2 | 2.8 | 1.1 | .2 | | | .0 | | | 10.5 | 10.1 |
| SSW | .1 | .3 | .6 | .9 | .3 | .1 | | .0 | | | | 2.3 | 12.2 |
| SW | 1.3 | 2.8 | 4.6 | 2.1 | .3 | .2 | .0 | .0 | | | | 11.4 | 8.6 |
| WSW | .2 | .3 | 1.4 | .7 | .0 | | .0 | | | | | 2.6 | 9.1 |
| W | .6 | 1.7 | 4.0 | 2.3 | .2 | .0 | .0 | .0 | .0 | .0 | | 9.0 | 9.4 |
| WNW | .1 | .2 | 1.0 | .6 | .0 | | | .0 | | | | 2.0 | 9.6 |
| NW | .9 | 1.0 | 1.8 | 1.5 | .3 | .3 | .1 | .0 | | | | 5.6 | 10.9 |
| NNW | .1 | .3 | .4 | .5 | .2 | .1 | .0 | .0 | | | | 1.5 | 11.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.6 | |
| | 15.1 | 29.4 | 26.6 | 14.9 | 3.2 | 1.1 | .2 | .1 | .0 | .0 | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 8928

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 0000-0200 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 2.4 | .5 | .2 | | | | | | | | 5.6 | 4.2 |
| NNE | .4 | .4 | | | | | | | | | | .8 | 3.7 |
| NE | 4.1 | 4.2 | .5 | .1 | | .1 | | | | | | 9.1 | 4.1 |
| ENE | .3 | .4 | | | | .1 | | | | | | .7 | 6.6 |
| E | 7.9 | 12.1 | 2.2 | .2 | .1 | | | | | | | 22.2 | 4.4 |
| ESE | .7 | 1.2 | .5 | | | | | | | | | 2.4 | 5.1 |
| SE | 4.0 | 6.1 | 2.0 | .4 | .2 | | | | | | | 12.8 | 5.1 |
| SSE | .1 | .6 | .4 | .3 | .1 | | | | | | | 1.5 | 8.6 |
| S | .7 | 1.2 | .7 | 1.0 | .4 | .1 | | | | | | 4.1 | 9.2 |
| SSW | .1 | .1 | | | .1 | | | | | | | .3 | 8.3 |
| SW | .5 | .4 | .4 | .2 | .2 | .3 | .2 | .4 | | | | 2.6 | 15.0 |
| WSW | | .1 | | | | | | | | | | .1 | 6.0 |
| W | .4 | 1.0 | .7 | .2 | .1 | .2 | .2 | .1 | | | | 2.9 | 10.2 |
| WNW | | | | | | .1 | .1 | .1 | .1 | | | .4 | 34.3 |
| NW | .7 | .4 | .4 | .3 | .1 | .2 | | .1 | | | | 2.2 | 9.3 |
| NNW | .2 | .4 | .3 | | | .3 | | | | | | 1.1 | 11.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.3 | |
| | 22.9 | 31.0 | 8.8 | 2.8 | 1.3 | 1.3 | .4 | .6 | .1 | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 46743 | TAI-WAN FORMOSA/NEU-CHEU-TZE | 54-65 | AUG |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | 2.4 | .4 | .2 | | | | | | | | 5.1 | 4.4 |
| NNE | .4 | .4 | | | | | | | | | | .8 | 4.0 |
| NE | 6.2 | 5.9 | .9 | .2 | | | | | | | | 13.2 | 4.0 |
| ENE | .4 | .4 | .1 | | | | | | | | | .9 | 4.1 |
| E | 10.4 | 14.5 | 3.0 | .4 | | | | | | | | 28.8 | 4.3 |
| ESE | .4 | 1.0 | .4 | .1 | | | | | | | | 1.9 | 5.3 |
| SE | 2.9 | 6.5 | 2.2 | .7 | .1 | | | | | | | 12.3 | 5.6 |
| SSE | .3 | .4 | | .4 | | | | | | | | 1.0 | 7.4 |
| S | .7 | .7 | .4 | .4 | .3 | .3 | | .1 | .1 | | .1 | 3.1 | 12.7 |
| SSW | | .1 | .2 | .2 | | | | | | | | .4 | 9.4 |
| SW | .3 | .4 | .4 | .2 | .4 | .2 | .4 | .1 | .2 | | | 2.3 | 17.5 |
| WSW | .1 | | | | | | | | | | | .1 | 3.0 |
| W | .1 | .3 | .4 | .1 | .3 | .1 | | .1 | | | | 1.3 | 12.6 |
| WNW | | | | | .1 | .3 | .1 | .1 | | | | .5 | 25.9 |
| NW | .3 | .2 | .9 | .7 | | | | | | | | 1.5 | 7.4 |
| NNW | .2 | .3 | .1 | .1 | | .2 | .1 | | | | | .9 | 12.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.9 | |
| | 25.1 | 33.4 | 9.3 | 3.1 | 1.1 | 1.0 | .5 | .4 | .3 | | .1 | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 2.0 | 1.5 | .5 | .1 | | | | | | | 5.7 | 5.7 |
| NNE | .8 | 1.2 | .7 | .2 | | | | | | | | 2.7 | 5.8 |
| NE | 8.6 | 9.6 | .9 | .1 | | | | | | | | 19.2 | 3.6 |
| ENE | 1.4 | .8 | | | | | | | | | | 2.2 | 3.0 |
| E | 12.5 | 12.7 | 2.7 | .3 | | | | | | | | 28.1 | 4.1 |
| ESE | 1.2 | 1.8 | .6 | | | | | | | | | 3.6 | 4.9 |
| SE | 4.0 | 6.0 | 2.3 | .6 | | | | | | | | 12.9 | 5.2 |
| SSE | .3 | .4 | .7 | .3 | .1 | | | | | | | 1.7 | 7.9 |
| S | 1.0 | 1.1 | .4 | .5 | .1 | .3 | .2 | | .1 | .1 | | 3.8 | 10.9 |
| SSW | | .1 | .1 | .2 | .2 | .1 | | | | | | .6 | 15.1 |
| SW | .3 | .4 | .5 | .2 | .5 | .3 | .1 | .2 | | .1 | | 2.5 | 15.9 |
| WSW | | .1 | | .2 | | | | | | | | .3 | 11.0 |
| W | .3 | .4 | .4 | .4 | .1 | .1 | .1 | | | | | 1.6 | 10.5 |
| WNW | | .1 | .2 | .2 | .2 | .1 | .1 | | | | | .8 | 16.4 |
| NW | .2 | .1 | .4 | .3 | | | | | | | | .9 | 9.0 |
| NNW | | .4 | .2 | .1 | .1 | .1 | | | | | | .8 | 10.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 31.8 | 36.9 | 11.7 | 4.0 | 1.3 | .9 | .4 | .2 | .1 | .2 | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 3.1 | 4.0 | 2.2 | .4 | | | | | | | 11.4 | 7.9 |
| NNE | .8 | .0 | .9 | .8 | | | | | | | | 2.5 | 6.7 |
| NE | 2.8 | 1.5 | 1.4 | .2 | | | | | | | | 5.8 | 4.9 |
| ENE | .4 | | .1 | | | | | | | | | .4 | 3.2 |
| E | 2.3 | 2.5 | 1.8 | .4 | .1 | | .1 | | | | | 7.2 | 5.9 |
| ESE | .4 | .4 | .3 | .1 | | | | | | | | 1.2 | 5.5 |
| SE | 1.8 | 4.2 | 3.5 | 1.3 | .1 | .1 | | | | | | 11.0 | 6.9 |
| SSE | .4 | .7 | 1.3 | .3 | .3 | | | | | | | 2.9 | 8.1 |
| S | 1.3 | 4.6 | 4.8 | 2.0 | .4 | | | | | | | 13.0 | 7.9 |
| SSW | .1 | .4 | .7 | .5 | | .3 | .2 | | | | | 2.2 | 13.0 |
| SW | 1.3 | 3.0 | 3.3 | .7 | .5 | .2 | | | .1 | .2 | | 9.3 | 9.0 |
| WSW | .1 | .3 | 1.0 | .2 | | | | | | | | 1.8 | 7.9 |
| W | 1.6 | 3.3 | 4.5 | .8 | .1 | .2 | | | | | | 10.1 | 7.5 |
| WNW | .1 | 1.3 | 1.8 | .2 | .1 | .1 | | | | | | 3.5 | 8.2 |
| NW | 1.2 | 2.2 | 4.6 | .9 | .1 | | | | | | | 9.0 | 7.2 |
| NNW | | 1.3 | 1.3 | .7 | .1 | | .1 | | | | | 3.5 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.3 | |
| | 15.4 | 29.8 | 35.7 | 10.4 | 2.2 | .8 | .4 | | .1 | .2 | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | .8 | 1.6 | 2.1 | .6 | .1 | | | | | | 5.4 | 11.3 |
| NNE | | .1 | .4 | .3 | | | | | | | | .8 | 9.8 |
| NE | | .4 | .9 | .2 | | | | | | | | 1.5 | 7.9 |
| ENE | .1 | .2 | .1 | | | | | | | | | .4 | 5.3 |
| E | .3 | 1.0 | .7 | .3 | | | | | | | | 2.3 | 6.4 |
| ESE | | .2 | .4 | | | | | | | | | .6 | 7.1 |
| SE | .2 | 1.0 | 1.6 | 1.1 | | | | | | | | 3.9 | 8.7 |
| SSE | .2 | | .7 | 1.2 | .4 | | | | | | | 2.3 | 12.7 |
| S | .4 | 1.0 | 3.0 | 3.6 | .8 | .4 | .2 | | | | | 9.3 | 11.9 |
| SSW | .2 | .2 | .9 | 1.2 | .1 | .2 | | | | | | 2.7 | 11.1 |
| SW | .4 | 2.2 | 8.6 | 5.6 | .7 | .4 | | .2 | | | | 18.1 | 10.5 |
| WSW | | .3 | 3.1 | 2.3 | .2 | | .1 | | | | | 5.9 | 11.6 |
| W | .4 | 1.6 | 12.8 | 9.1 | .7 | | | | | | | 24.7 | 10.4 |
| WNW | .2 | .7 | 1.8 | 2.5 | .4 | .1 | | | | | | 5.7 | 11.0 |
| NW | .6 | 1.3 | 4.6 | 5.5 | .8 | | .2 | | | | | 12.9 | 11.1 |
| NNW | .1 | .2 | .7 | 1.1 | .4 | .2 | | | | | | 2.6 | 12.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .5 | |
| | 3.4 | 11.2 | 42.0 | 35.8 | 5.1 | 1.3 | .4 | .2 | | | | 100.0 | 10.6 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | .5 | 1.1 | 2.1 | .8 | | | | | | | 4.7 | 11.9 |
| NNE | | .1 | .3 | | | | | | | | | .4 | 8.0 |
| NE | .2 | .3 | .8 | | | | | | | | | 1.8 | 6.4 |
| ENE | .2 | .1 | .1 | | | | | | | | | .4 | 3.0 |
| E | .0 | .3 | 1.3 | .1 | .1 | | | | | | | 2.6 | 6.8 |
| ESE | | .1 | .4 | | | | | | | | | .5 | 8.2 |
| SE | .4 | 1.3 | 2.2 | .9 | .3 | | | | | | | 4.9 | 8.9 |
| SSE | | .4 | .6 | .4 | .5 | .1 | | | | | | 2.0 | 11.9 |
| S | | 1.3 | 2.4 | 3.2 | 1.1 | | .1 | .1 | | | | 8.4 | 11.9 |
| SSW | | .2 | 1.4 | .9 | .6 | | .1 | .1 | | | | 3.3 | 12.9 |
| SW | .1 | 1.9 | 9.2 | 4.9 | .6 | .2 | .1 | | | .1 | | 17.1 | 10.6 |
| WSW | .1 | .7 | 2.7 | 2.2 | .3 | | | | | | | 6.0 | 10.0 |
| W | .1 | 1.5 | 11.1 | 12.5 | .6 | | | | | | | 26.1 | 10.9 |
| WNW | | .4 | 1.3 | 2.0 | .4 | | | | | | | 4.0 | 11.7 |
| NW | .2 | .9 | 3.8 | 8.0 | 1.2 | .3 | | .1 | | | | 13.8 | 12.8 |
| NNW | | | .4 | 1.6 | .0 | .1 | .1 | | | | | 3.1 | 15.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .9 | |
| | 2.2 | 10.3 | 39.6 | 38.8 | 7.4 | .6 | .4 | .3 | | .1 | | 100.0 | 11.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-63 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 3.1 | 2.0 | 1.8 | .1 | .3 | .1 | | | | | 8.4 | 8.3 |
| NNE | .1 | .3 | .7 | .1 | | | | | | | | 1.2 | 7.6 |
| NE | .6 | 2.2 | 1.5 | .5 | | | | | | | | 4.8 | 6.0 |
| ENE | .2 | .3 | .4 | .1 | | | | | | | | 1.0 | 6.4 |
| E | 2.3 | 4.7 | 3.0 | .3 | .1 | | | | | | | 10.3 | 5.6 |
| ESE | .4 | 1.1 | .8 | .1 | | | .1 | | | | | 2.4 | 7.0 |
| SE | 1.6 | 3.4 | 2.8 | .6 | .3 | | | | .1 | | | 9.0 | 6.9 |
| SSE | | .4 | .3 | .4 | .3 | | | | | | | 1.3 | 11.3 |
| S | .8 | 3.1 | 3.7 | 1.0 | .7 | .2 | .2 | .2 | .1 | | | 10.0 | 9.7 |
| SSW | .1 | .4 | 1.0 | .3 | | | .1 | | | | | 1.6 | 9.5 |
| SW | 1.3 | 4.3 | 4.4 | .7 | | .2 | | .1 | | | | 11.4 | 7.0 |
| WSW | .2 | .5 | .5 | .1 | | | | | | | | 1.3 | 6.6 |
| W | 1.3 | 5.6 | 5.8 | 1.0 | .1 | | | | | | | 13.7 | 6.9 |
| WNW | .4 | .6 | 1.2 | .3 | | | | | | | | 2.5 | 6.4 |
| NW | .6 | 2.0 | 5.8 | 2.7 | .4 | | | | | | | 12.3 | 8.7 |
| NNW | .1 | .9 | 1.2 | .6 | .2 | .2 | .1 | | | | | 3.2 | 10.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 5.3 | |
| | 11.7 | 33.5 | 35.0 | 10.5 | 2.2 | .8 | .5 | .3 | .2 | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 1112

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 2100-2300 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 3.7 | 1.1 | .3 | .1 | | | .1 | | | | 7.9 | 5.4 |
| NNE | .4 | .8 | .2 | | | | | | | | | 1.3 | 4.8 |
| NE | 3.1 | 3.1 | .3 | | .1 | | | | | | | 6.6 | 3.9 |
| ENE | .1 | .3 | | .1 | | | | | | | | .4 | 7.0 |
| E | 4.3 | 9.1 | 1.5 | .1 | | | | | | | | 15.0 | 4.6 |
| ESE | .7 | 1.3 | .5 | .1 | | | | | | | | 2.6 | 5.4 |
| SE | 4.4 | 4.9 | 2.5 | 1.2 | .2 | | | | | | | 13.2 | 5.8 |
| SSE | .3 | .0 | .1 | .3 | .2 | .1 | .1 | | | | | 1.6 | 10.6 |
| S | 1.9 | 2.3 | 1.7 | 1.0 | .4 | .1 | .2 | .3 | | | | 7.8 | 8.5 |
| SSW | .1 | .4 | | | .2 | .1 | | | | | | .7 | 10.4 |
| SW | 2.0 | 1.7 | .4 | .4 | .2 | .2 | | | | | | 4.9 | 5.9 |
| WSW | .2 | .3 | | | | | | | | | | .4 | 4.2 |
| W | 2.7 | 1.6 | .5 | | | | | | | | | 4.9 | 3.8 |
| WNW | .2 | .2 | .2 | .2 | .2 | | | | | | | .9 | 9.6 |
| NW | 1.9 | 3.1 | 1.2 | .4 | | | | .1 | .1 | | | 6.8 | 6.1 |
| NNW | .4 | .6 | .7 | .1 | .1 | .3 | | .3 | | | | 2.4 | 12.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.4 | |
| | 29.2 | 34.1 | 11.0 | 4.1 | 1.5 | .7 | .3 | .7 | .1 | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 2.3 | 1.5 | 1.2 | .3 | .0 | .0 | .0 | | | | 6.8 | 7.3 |
| NNE | .3 | .5 | .4 | .1 | | | | | | | | 1.3 | 6.2 |
| NE | 3.2 | 3.5 | .9 | .1 | .0 | .0 | | | | | | 7.7 | 4.3 |
| ENE | .4 | .3 | .1 | .0 | | .0 | | | | | | .8 | 4.5 |
| E | 5.1 | 7.1 | 2.0 | .2 | .0 | | .0 | | | | | 14.6 | 4.6 |
| ESE | .3 | .9 | .5 | .0 | | | .0 | | | | | 1.9 | 5.7 |
| SE | 2.5 | 4.2 | 2.4 | .9 | .1 | .0 | | | .0 | | | 10.0 | 6.7 |
| SSE | .2 | .4 | .3 | .4 | .2 | .0 | .0 | | | | | 1.6 | 10.0 |
| S | .3 | 1.9 | 2.1 | 1.6 | .5 | .2 | .1 | .1 | .0 | .0 | .0 | 7.4 | 10.0 |
| SSW | .1 | .2 | .5 | .4 | .1 | .1 | .0 | .0 | | | | 1.5 | 11.7 |
| SW | .3 | 1.8 | 3.4 | 1.6 | .4 | .2 | .1 | .1 | .0 | .0 | | 8.5 | 10.0 |
| WSW | .1 | .3 | .9 | .6 | .1 | | .0 | | | | | 2.0 | 9.6 |
| W | .6 | 1.9 | 4.5 | 3.0 | .2 | .1 | .0 | .0 | | | | 10.6 | 9.3 |
| WNW | .1 | .4 | .8 | .7 | .2 | .1 | .0 | .0 | .0 | | | 2.3 | 11.1 |
| NW | .7 | 1.3 | 2.7 | 2.3 | .3 | .1 | .0 | .0 | .0 | | | 7.4 | 9.7 |
| NNW | .1 | .5 | .6 | .5 | .2 | .2 | .0 | .0 | | | | 2.2 | 11.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.0 | |
| | 17.2 | 27.5 | 24.0 | 13.7 | 2.8 | .7 | .4 | .3 | .1 | .1 | .0 | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 9903

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.2 | 6.2 | 3.4 | .9 | | | | | | | | 14.7 | 5.4 |
| NNE | .6 | 1.5 | .6 | .6 | .2 | .1 | | | | | | 3.6 | 8.0 |
| NE | 3.3 | 4.7 | .6 | .2 | | | | | | | | 10.8 | 3.8 |
| ENE | .4 | .7 | .2 | | | | | | | | | 1.3 | 4.6 |
| E | 4.9 | 6.3 | .5 | | | | | | | | | 11.7 | 3.6 |
| ESE | .2 | .6 | .1 | | | | | | | | | .9 | 4.9 |
| SE | 3.6 | 4.8 | 2.7 | .7 | .6 | .1 | | | | | | 12.5 | 6.1 |
| SSE | .1 | .2 | | .2 | | | | | | | | .7 | 7.3 |
| S | .7 | 1.0 | .4 | .1 | .1 | .2 | .1 | .1 | | | | 2.7 | 9.0 |
| SSW | | | .1 | | | | | | | | | .1 | 10.0 |
| SW | .3 | 1.0 | .4 | | .5 | .1 | .2 | | | | | 2.4 | 10.6 |
| WSW | | .1 | | | | .1 | | | | | | .2 | 15.5 |
| W | .3 | .4 | .2 | .2 | .2 | .1 | | .1 | | | | 1.4 | 11.1 |
| WNW | | .1 | | | | | | | | | | .1 | 5.0 |
| NW | .5 | .5 | .5 | | .1 | .4 | | .2 | | | | 2.0 | 12.0 |
| NNW | .3 | .6 | .6 | | | | .2 | .1 | | | | 1.8 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.1 | |
| | 21.3 | 29.1 | 10.1 | 3.0 | 1.6 | 1.0 | .5 | .5 | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-WAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.2 | 4.7 | 3.0 | .7 | .2 | | | | | | | 12.8 | 5.5 |
| NNE | .6 | 1.0 | .2 | .1 | .2 | .1 | | | | | | 2.7 | 7.8 |
| NE | 6.2 | 6.8 | 1.2 | | .2 | | | | | | | 14.4 | 4.1 |
| ENE | 1.0 | .9 | .3 | | | | | | | | | 2.2 | 4.0 |
| E | 8.1 | 9.3 | 1.6 | | | | | | | | | 18.9 | 4.0 |
| ESE | .2 | 1.1 | .5 | | | | | | | | | 1.8 | 5.7 |
| SE | 3.9 | 5.2 | 1.4 | .6 | .6 | .2 | | | | | | 11.8 | 6.2 |
| SSE | .2 | .3 | .2 | | | | | | | | | .6 | 5.5 |
| S | .4 | .8 | .2 | .2 | | | | | | | | 1.4 | 5.7 |
| SSW | | | .1 | | | | | | | | | .1 | 8.0 |
| SW | | .4 | .5 | .2 | .5 | .3 | | .2 | | | | 1.9 | 15.2 |
| WSW | | | | | | | | | | | | | |
| W | .2 | .2 | | | | | .2 | .3 | | | | .9 | 18.7 |
| WNW | | .1 | | | | | | | | | | .1 | 6.0 |
| NW | .1 | .4 | .4 | .3 | .2 | .1 | .1 | .3 | | | | 1.8 | 16.4 |
| NNW | | .2 | .1 | .1 | | .1 | | .1 | | | | .6 | 15.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.1 | |
| | 24.0 | 31.2 | 9.4 | 2.4 | 1.9 | .7 | .3 | .8 | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 1000

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.0 | 5.0 | 3.1 | 1.0 | .4 | | | | | | | 13.4 | 5.9 |
| NNE | 1.2 | 1.4 | 1.3 | .2 | .3 | .1 | | | | | | 4.4 | 6.9 |
| NE | 6.7 | 7.8 | 2.0 | .3 | .1 | | | | | | | 16.9 | 4.3 |
| ENE | 1.3 | 1.9 | .2 | | | | | | | | | 3.3 | 3.9 |
| E | 10.0 | 8.8 | .8 | | | | | | | | | 19.6 | 3.6 |
| ESE | .5 | 1.2 | .2 | | | | | | | | | 1.9 | 4.6 |
| SE | 4.3 | 5.3 | 1.6 | 1.0 | .5 | .3 | | | | | | 12.9 | 5.9 |
| SSE | .3 | .5 | .1 | .4 | .1 | | | | | | | 1.3 | 7.6 |
| S | .6 | .9 | .3 | .3 | | | | | | | | 2.1 | 5.9 |
| SSW | | .1 | .2 | .2 | .1 | | | | | | | .6 | 10.7 |
| SW | .2 | .2 | .2 | | .3 | .1 | .3 | | | | | 1.2 | 15.5 |
| WSW | | | | | | .1 | | .1 | | | | .2 | 29.0 |
| W | .5 | .3 | .2 | | .1 | .1 | .2 | .2 | | | | 1.5 | 13.6 |
| WNW | | | | | | | | | | | | | |
| NW | .2 | .8 | .4 | .6 | .1 | | .1 | .2 | | | | 2.4 | 11.8 |
| NNW | | .3 | .3 | .4 | .3 | | | | | | | 1.2 | 10.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.1 | |
| | 29.0 | 34.4 | 10.7 | 4.4 | 2.1 | .6 | .6 | .5 | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 1080

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 4.6 | 5.8 | 1.9 | .5 | | | | | | | 14.5 | 7.7 |
| NNE | .9 | 1.0 | 1.9 | .4 | .2 | .6 | | | | | | 4.5 | 8.1 |
| NE | 3.2 | 4.4 | 1.4 | .3 | | | | | | | | 9.3 | 4.7 |
| ENE | .6 | .3 | .2 | | | | | | | | | 1.3 | 3.9 |
| E | 1.6 | 1.3 | .4 | | | | | | | | | 3.4 | 4.0 |
| ESE | .4 | .4 | .3 | | | | | | | | | 1.0 | 5.2 |
| SE | 1.6 | 2.9 | 1.7 | .6 | .6 | .5 | | | | | | 8.0 | 7.6 |
| SSE | .3 | .6 | 1.0 | .5 | .7 | | | | | | | 2.5 | 8.5 |
| S | .6 | 2.2 | 2.1 | .8 | .4 | | | | | | | 6.1 | 7.8 |
| SSW | .1 | .7 | .9 | .2 | | | | | | | | 1.9 | 7.3 |
| SW | 1.3 | 3.5 | 2.7 | .6 | .2 | .4 | .1 | .2 | | | | 8.9 | 8.2 |
| WSW | .2 | 1.0 | 1.0 | .1 | | | .2 | | | | | 2.5 | 8.3 |
| W | .7 | 3.8 | 4.6 | .6 | | | | | | | | 9.7 | 6.7 |
| WNW | .3 | .8 | 1.3 | .2 | | .2 | | | | | | 2.8 | 7.9 |
| NW | 2.0 | 3.1 | 5.0 | 1.7 | .2 | .3 | | .4 | .1 | | | 12.8 | 8.7 |
| NNW | .5 | .9 | 2.0 | .6 | .3 | .1 | .1 | | | | | 4.5 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.1 | |
| | 16.3 | 31.9 | 32.3 | 8.0 | 2.4 | 1.4 | .4 | .6 | .1 | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
OTAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-63 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | .8 | 3.3 | 1.3 | .4 | .1 | | | | | | 6.5 | 9.4 |
| NNE | | .1 | .1 | .4 | .1 | .4 | | | | | | 1.0 | 15.7 |
| NE | .1 | .4 | .4 | | | | | | | | | .8 | 6.1 |
| ENE | | .1 | | | | | | | | | | .1 | 6.0 |
| E | .1 | .3 | .3 | | | | | | | | | .8 | 6.7 |
| ESE | | .2 | | | | | | | | | | .2 | 5.0 |
| SE | .1 | .4 | .6 | .6 | .5 | | | | | | | 2.0 | 11.0 |
| SSE | | .1 | .5 | .5 | .6 | .1 | | | | | | 1.7 | 14.0 |
| S | .2 | 1.6 | 2.6 | 1.3 | 1.2 | .1 | | | | | | 6.9 | 10.5 |
| SSW | | .2 | 1.3 | .8 | .2 | | .1 | | | | | 2.6 | 11.3 |
| SW | .4 | 2.1 | 7.5 | 2.9 | .3 | .2 | | | | | | 13.3 | 9.2 |
| WSW | .1 | .6 | 2.9 | 1.1 | | | | | | | | 4.7 | 9.8 |
| W | .4 | 2.3 | 14.7 | 7.6 | .3 | .2 | .1 | | .1 | | | 25.8 | 10.1 |
| WNW | .3 | .8 | 3.8 | 3.8 | .1 | | .1 | .1 | | | | 8.8 | 11.0 |
| NW | .2 | 2.4 | 8.2 | 6.9 | 1.2 | .1 | .2 | .8 | .1 | | | 19.4 | 11.2 |
| NNW | .1 | .4 | 1.9 | 1.5 | .4 | .3 | .1 | | | | | 4.5 | 11.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .7 | |
| | 2.4 | 12.6 | 48.1 | 28.5 | 5.3 | 1.4 | .6 | .2 | .2 | | | 100.0 | 10.3 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | .9 | 2.9 | 2.3 | 1.7 | .1 | | | | | | 8.4 | 11.7 |
| NNE | .1 | | .2 | .2 | .2 | .3 | | | | | | .9 | 13.1 |
| NE | .3 | .1 | | .1 | .1 | | | | | | | .6 | 7.3 |
| ENE | | .2 | | | | | | | | | | .2 | 5.0 |
| E | .4 | .7 | .5 | .2 | | | | | | | | 1.8 | 6.1 |
| ESE | | | .1 | .1 | .1 | | | | | | | .3 | 12.7 |
| SE | .3 | .3 | .6 | .4 | .2 | .1 | | | | | | 2.0 | 9.4 |
| SSE | | .3 | 1.1 | .8 | .6 | | | | | | | 2.8 | 11.4 |
| S | .2 | .4 | 1.8 | 1.3 | 1.0 | .2 | | | | | | 4.8 | 12.3 |
| SSW | .1 | .5 | .7 | .4 | .1 | | | | | | | 1.8 | 8.8 |
| SW | .2 | 1.8 | 5.3 | 2.4 | .1 | | | | | | | 9.7 | 9.2 |
| WSW | | .4 | 1.9 | .6 | .1 | .1 | .3 | | | | .1 | 3.4 | 12.9 |
| W | .8 | 2.3 | 14.6 | 7.9 | | .1 | | | | .1 | .1 | 25.7 | 10.1 |
| WNW | .2 | .8 | 2.4 | 3.2 | .3 | | | | | | | 6.8 | 10.8 |
| NW | .2 | 2.1 | 8.5 | 11.5 | 1.9 | .4 | .1 | | | | | 24.7 | 11.9 |
| NNW | | .1 | 1.2 | 2.9 | .7 | | .4 | | | | | 5.3 | 14.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.8 | |
| | 2.9 | 10.8 | 41.8 | 34.3 | 7.0 | 1.2 | .7 | | | .1 | .2 | 100.3 | 10.9 |

TOTAL NUMBER OF OBSERVATIONS 1080

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
EYAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.9 | 6.9 | 7.4 | 4.0 | .6 | .1 | | | | | | 19.8 | 8.3 |
| NNE | .3 | .6 | 1.0 | .7 | .7 | | | | | | | 3.4 | 11.0 |
| NE | 1.2 | 2.2 | .6 | .3 | | | | | | | | 4.4 | 5.5 |
| ENE | .2 | .5 | | | | | | | | | | .6 | 4.4 |
| E | 1.4 | 3.5 | .6 | .1 | | | | | | | | 5.6 | 4.9 |
| ESE | .1 | .3 | .2 | | | | | | | | | .6 | 5.7 |
| SE | .9 | 2.0 | 1.2 | .5 | .3 | .3 | .2 | | | | | 5.4 | 6.5 |
| SSE | .1 | .1 | .9 | .3 | | .1 | .1 | | | | | 1.6 | 10.6 |
| S | 1.3 | 1.8 | 1.9 | .7 | .1 | | | | | | | 5.8 | 6.8 |
| SSW | | .5 | .2 | .4 | .1 | | | | | | | 1.1 | 9.4 |
| SW | .9 | 3.1 | 2.0 | .3 | .1 | .2 | | | .1 | | | 6.7 | 7.2 |
| WSW | | .8 | .5 | | | .1 | | | | .1 | .1 | 1.6 | 12.5 |
| W | 1.9 | 3.8 | 4.4 | .6 | .1 | | | | | | | 10.7 | 6.4 |
| WNW | .2 | .9 | 1.1 | .7 | .1 | | | | | | | 3.1 | 8.3 |
| NW | 1.4 | 6.0 | 8.1 | 1.7 | .6 | .1 | | .3 | | | | 18.1 | 8.3 |
| NNW | .6 | 1.3 | 2.9 | .8 | .3 | | | | | | | 5.8 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.6 | |
| | 13.2 | 32.3 | 33.1 | 11.0 | 3.0 | .8 | .3 | .3 | .1 | .1 | .1 | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZU (STATION NAME) | 54-65 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS L.S.T.)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.8 | 8.8 | 6.0 | .8 | .1 | | | | | | | 19.5 | 5.9 |
| NNE | 1.0 | 1.2 | 1.5 | .7 | .4 | .2 | | | | | | 5.0 | 8.4 |
| NE | 4.2 | 4.2 | 1.2 | .4 | | | | | | | | 9.9 | 4.3 |
| ENE | .2 | .5 | | | | | | | | | | .6 | 4.4 |
| E | 4.4 | 5.6 | .3 | | | | | | | | | 10.3 | 3.8 |
| ESE | .2 | .5 | | | | | | | | | | .6 | 4.4 |
| SE | 2.5 | 5.0 | 2.1 | .7 | .2 | | .1 | .1 | | | | 10.7 | 6.2 |
| SSE | .8 | .3 | .2 | .1 | .2 | .1 | | | | | | 1.4 | 8.2 |
| S | .9 | .8 | .3 | .2 | .1 | .1 | | | | | | 2.4 | 6.6 |
| SSW | | .1 | .1 | .2 | .1 | | | | | | | .5 | 12.0 |
| SW | .9 | 1.9 | .5 | .1 | | .2 | .1 | .3 | | | | 3.9 | 8.5 |
| WSW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| W | .5 | .7 | .4 | | | .1 | .2 | | | | | 1.9 | 6.8 |
| WNW | | .1 | | | | | | | | | | .1 | 5.0 |
| NW | 1.9 | 3.1 | 2.4 | .1 | | .4 | .1 | .3 | | | | 8.1 | 7.7 |
| NNW | .8 | 1.1 | .7 | .2 | .1 | | | | | | | 3.0 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.9 | |
| | 21.9 | 33.9 | 15.6 | 3.5 | 1.1 | 1.0 | .5 | .6 | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 4.5 | 6.4 | 1.7 | .5 | .0 | | | | | | 13.7 | 7.1 |
| NNE | .6 | .9 | .8 | .5 | .3 | .2 | | | | | | 3.2 | 8.8 |
| NE | 3.4 | 3.0 | .9 | .2 | .0 | | | | | | | 8.4 | 4.3 |
| ENE | .5 | .6 | .1 | | | | | | | | | 1.2 | 4.1 |
| E | 3.8 | 4.5 | .6 | .0 | | | | | | | | 9.0 | 4.0 |
| ESE | .4 | .3 | .2 | .0 | .0 | | | | | | | .9 | 5.4 |
| SE | 2.1 | 3.3 | 1.5 | .7 | .4 | .2 | .0 | .0 | | | | 8.2 | 6.8 |
| SSE | .4 | .3 | .5 | .3 | .2 | .0 | .0 | | | | | 1.6 | 9.6 |
| S | .6 | 1.2 | 1.2 | .6 | .4 | .1 | .0 | .0 | | | | 4.0 | 8.7 |
| SSW | .3 | .3 | .5 | .3 | .1 | | .0 | | | | | 1.1 | 9.6 |
| SW | .5 | 1.7 | 2.4 | .8 | .2 | .2 | .1 | .1 | .0 | | | 6.0 | 9.2 |
| WSW | .0 | .4 | .9 | .2 | .0 | .0 | .1 | .0 | | .0 | .0 | 1.6 | 10.6 |
| W | .6 | 1.7 | 4.9 | 2.1 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | 9.7 | 9.3 |
| WNW | .1 | .4 | 1.1 | 1.0 | .1 | .0 | .0 | .0 | | | | 2.7 | 10.1 |
| NW | .3 | 2.3 | 4.2 | 2.8 | .5 | .2 | .1 | .2 | .0 | | | 11.2 | 10.2 |
| NNW | .3 | .6 | 1.2 | .8 | .3 | .1 | .1 | .0 | | | | 3.3 | 10.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 16.5 | 27.0 | 29.2 | 12.0 | 3.0 | 1.0 | .5 | .4 | .0 | .0 | .0 | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 8640

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 13.4 | 17.6 | 9.4 | 2.4 | .1 | | | | | | | 42.6 | 5.4 |
| NNE | 1.7 | 2.7 | 1.2 | .5 | .2 | | | | | | | 6.3 | 5.9 |
| NE | 5.8 | 4.0 | 1.5 | .2 | | | | | | | | 11.6 | 4.1 |
| ENE | .2 | .4 | | | | | | | | | | .5 | 3.8 |
| E | 2.3 | 3.1 | .4 | | | | | | | | | 5.9 | 4.1 |
| ESE | | .3 | | | | | | | | | | .3 | 5.7 |
| SE | .4 | 1.8 | .3 | .2 | | | | | | | | 2.6 | 5.6 |
| SSE | .2 | .2 | .2 | | | | | | | | | .5 | 4.8 |
| S | .2 | .3 | .2 | | | | | | | | | .6 | 5.1 |
| SSW | | | | | | | | | | | | | |
| SW | .1 | | | | | | | | | | | .1 | 3.0 |
| WSW | | | | | | | | | | | | | |
| W | | | | .1 | | | | | | | | .1 | 11.0 |
| WNW | | .1 | | | | | | | | | | .1 | 4.0 |
| NW | 1.4 | 1.3 | 1.0 | | | | | | | | | 3.7 | 4.9 |
| NNW | .4 | .6 | .6 | | | | | | | | | 1.7 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.2 | |
| | 26.1 | 32.3 | 14.8 | 3.4 | .3 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 0300-0500 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 10.1 | 16.5 | 7.5 | 2.0 | .4 | | | | | | | 36.5 | 5.5 |
| NNE | 1.4 | 2.0 | 1.4 | | .2 | | | | | | | 5.0 | 5.8 |
| NE | 6.3 | 8.8 | 1.0 | .2 | | .1 | | | | | | 16.3 | 4.1 |
| ENE | .5 | .6 | .3 | | | | | | | | | 1.4 | 4.5 |
| E | 3.3 | 3.1 | .4 | | | | | | | | | 6.9 | 3.8 |
| ESE | .2 | .9 | | | | | | | | | | 1.1 | 4.7 |
| SE | 1.1 | 1.8 | .4 | .1 | | | | | | | | 3.3 | 4.6 |
| SSE | | .1 | .4 | | | | | | | | | .5 | 8.0 |
| S | .2 | .2 | .1 | | | | | | | | | .4 | 5.2 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | .1 | | | | | | | | | | | .1 | 3.0 |
| WNW | | | | | | | | | | | | | |
| NW | .3 | 1.3 | .6 | | | | | | | | | 2.0 | 5.1 |
| NNW | .3 | .4 | .3 | .1 | | | | | | | | 1.0 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.8 | |
| | 24.0 | 35.6 | 12.6 | 2.3 | .5 | .1 | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | YAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 0600-0800 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.5 | 13.4 | 9.9 | 1.4 | .6 | | | | | | | 32.9 | 6.0 |
| NNE | 1.4 | 4.2 | 2.2 | .4 | | | | | | | | 8.2 | 5.6 |
| NE | 7.3 | 12.4 | 2.1 | | | | | | | | | 22.2 | 4.2 |
| ENE | 1.1 | 1.2 | .2 | | | | | | | | | 2.4 | 3.9 |
| E | 3.9 | 3.8 | .7 | | | | | | | | | 8.4 | 3.8 |
| ESE | .4 | 1.1 | .4 | | | | | | | | | 1.8 | 5.1 |
| SE | 1.3 | 2.5 | .5 | .1 | | | | | | | | 4.5 | 4.9 |
| SSE | .3 | .4 | .2 | .1 | | | | | | | | .9 | 5.7 |
| S | .2 | .3 | .1 | | | | | | | | | .5 | 4.5 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| WNW | | | | | | | | | | | | | |
| NW | .7 | 1.1 | .8 | .2 | | | | | | | | 2.8 | 5.8 |
| NNW | .5 | .4 | .4 | | | | | | | | | 1.3 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.9 | |
| | 25.3 | 40.7 | 17.4 | 2.2 | .6 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-63 (YEARS) LCT (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.9 | 7.3 | 9.1 | 2.3 | 1.3 | | | | | | | 23.9 | 7.3 |
| NNE | .7 | 2.7 | 2.5 | .7 | | | | | | | | 6.6 | 6.7 |
| NE | 5.0 | 4.7 | 1.6 | .2 | | | | | | | | 11.5 | 4.2 |
| ENE | .4 | .1 | .4 | | | | | | | | | .6 | 5.9 |
| E | 1.3 | .3 | .2 | | | | | | | | | 2.0 | 3.4 |
| ESE | .3 | .4 | | | | | | | | | | .7 | 4.3 |
| SE | 1.6 | 1.5 | .3 | | .1 | .1 | | | | | | 3.6 | 4.8 |
| SSE | .3 | .4 | .4 | .4 | .1 | | | | | | | 1.7 | 8.4 |
| S | 1.8 | 1.4 | 1.0 | | .3 | | | | | | | 4.0 | 5.0 |
| SSW | .1 | .7 | .1 | .2 | | | | | | | | 1.1 | 6.6 |
| SW | 2.0 | 2.0 | 2.2 | .1 | | | | | | | | 6.3 | 5.6 |
| WSW | | .5 | .4 | | | | | | | | | 1.0 | 6.4 |
| W | 1.2 | 3.0 | 2.2 | .1 | | | | | | | | 6.5 | 6.0 |
| WNW | .6 | .4 | 1.2 | .1 | | | | | | | | 2.5 | 5.9 |
| NW | 2.4 | 5.6 | 6.1 | .5 | | | | | | | | 14.6 | 6.4 |
| NNW | .9 | 2.3 | 2.2 | .6 | | | | | | | | 6.1 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.3 | |
| | 22.1 | 33.4 | 30.0 | 5.3 | 1.7 | .1 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 1116

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-05 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 2.3 | 3.7 | 2.3 | 1.3 | .1 | .1 | | | | | 10.2 | 10.2 |
| NNE | | .2 | .6 | .4 | .1 | .1 | | | | | | 1.4 | 11.6 |
| NE | .4 | .2 | .3 | | | | | | | | | .8 | 4.6 |
| ENE | | .1 | .1 | | | | | | | | | .2 | 6.0 |
| E | | .2 | | .1 | | | | | | | | .3 | 7.3 |
| ESE | .1 | | | | | | | | | | | .1 | 3.0 |
| SE | .1 | .2 | .1 | | .1 | .2 | | | | | | .6 | 12.7 |
| SSE | | .2 | .1 | | .3 | | | | | | | .5 | 12.2 |
| S | .2 | .4 | 1.0 | .3 | .4 | | | | | | | 2.3 | 9.9 |
| SSW | | | .4 | .3 | | | | | | | | .7 | 11.1 |
| SW | .1 | 1.5 | 4.4 | 1.0 | .3 | | | | | | | 7.3 | 8.6 |
| WSW | | .6 | 3.0 | 1.2 | | | | | | | | 4.9 | 8.9 |
| W | .7 | 4.7 | 16.4 | 6.5 | | | | | | | | 28.3 | 9.0 |
| WNW | | .3 | 3.4 | 4.3 | .1 | .1 | | | | | | 8.2 | 11.2 |
| NW | .5 | 4.0 | 13.9 | 9.5 | .8 | | | | | | | 28.8 | 9.8 |
| NNW | | .9 | 2.2 | 1.5 | .4 | | | | | | | 5.0 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .3 | |
| | 2.5 | 16.0 | 49.5 | 27.4 | 3.8 | .4 | .1 | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 1114

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 46743 | TAI-NAN FORMOSA/NEU-CHEU-TZE | 54-65 | OCT |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 1.3 | 6.8 | 6.5 | 2.5 | .2 | | | | | | 17.4 | 11.9 |
| NNE | | .1 | .5 | .2 | .2 | .1 | | | | | | 1.1 | 12.1 |
| NE | | .3 | | .1 | | | | | | | | .4 | 6.5 |
| ENE | | | | | | | | | | | | | |
| E | | .2 | .1 | | | | | | | | | .3 | 6.0 |
| ESE | | | .1 | | | | | | | | | .1 | 8.0 |
| SE | .1 | .1 | .2 | .3 | .1 | | | | | | | .7 | 10.0 |
| SSE | | .1 | | | .1 | | | | | | | .2 | 12.0 |
| S | | .3 | .5 | .6 | .2 | | | | | | | 1.6 | 11.8 |
| SSW | .1 | .4 | .3 | .2 | | | | | | | | 1.0 | 7.6 |
| SW | .2 | 1.1 | 1.3 | .4 | | | | | | | | 3.0 | 7.2 |
| WSW | | .6 | 2.3 | 1.0 | | | | | | | | 4.1 | 9.0 |
| W | .4 | 3.4 | 10.3 | 5.0 | | | | | | | | 19.1 | 9.1 |
| WNW | .1 | .7 | 2.6 | 2.6 | | | | | | | | 6.2 | 10.4 |
| NW | .4 | 2.5 | 13.1 | 16.8 | 2.3 | | | | | | | 35.1 | 11.3 |
| NNW | | .3 | 3.0 | 5.4 | .7 | .3 | | | | | | 9.7 | 12.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .2 | |
| | 1.3 | 11.5 | 41.3 | 39.1 | 6.1 | .5 | | | | | | 100.0 | 10.8 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.0 | 11.0 | 20.1 | 7.2 | 1.1 | | | | | | | 43.4 | 8.1 |
| NNE | .2 | .7 | 2.2 | 1.6 | .5 | .2 | | | | | | 5.4 | 10.6 |
| NE | .5 | 2.2 | .5 | .1 | | | | | | | | 3.3 | 5.3 |
| ENE | | .1 | .3 | | | | | | | | | .4 | 8.0 |
| E | .2 | .7 | .1 | | | | | | | | | 1.0 | 5.3 |
| ESE | | .1 | .1 | | | | | | | | | .2 | 6.5 |
| SE | .4 | .8 | .1 | .1 | | | | | | | | 1.3 | 5.1 |
| SSE | | .1 | .2 | | | | | | | | | .3 | 8.7 |
| S | .7 | .5 | .2 | | | | | | | | | 1.4 | 4.6 |
| SSW | .1 | .2 | .1 | | | | | | | | | .4 | 5.5 |
| SW | .4 | .8 | .4 | | | | | | | | | 1.7 | 5.2 |
| WSW | | .2 | | | | | | | | | | .2 | 5.5 |
| W | .8 | 2.2 | .4 | | | | | | | | | 3.5 | 4.9 |
| WNW | .1 | .4 | .8 | .4 | .1 | | | | | | | 1.6 | 7.7 |
| NW | 1.2 | 4.6 | 6.0 | 2.2 | | | | | | | | 13.9 | 7.9 |
| NNW | 1.1 | 3.4 | 6.1 | 3.3 | .2 | | | | | | | 14.1 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.1 | |
| | 9.7 | 28.0 | 39.5 | 14.6 | 1.9 | .2 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 10.9 | 22.0 | 16.1 | 3.3 | .0 | | | | | | | 53.5 | 6.2 |
| NNE | 1.2 | 2.8 | 2.1 | 1.4 | .3 | | | | | | | 7.7 | 7.6 |
| NE | 2.3 | 2.3 | 1.0 | | | | | | | | | 5.7 | 4.2 |
| ENE | .2 | .2 | | | | | | | | | | .4 | 3.8 |
| E | 1.3 | 1.2 | .1 | | | | | | | | | 2.6 | 3.8 |
| ESE | | .3 | .1 | | | | | | | | | .4 | 5.0 |
| SE | .4 | 1.1 | .4 | .2 | | | | | | | | 2.2 | 5.5 |
| SSE | .2 | .4 | .2 | | | | | | | | | .7 | 5.4 |
| S | .3 | .3 | .1 | | | | | | | | | .6 | 4.6 |
| SSW | .1 | | | | | | | | | | | .1 | 3.0 |
| SW | .2 | .1 | .1 | | | | | | | | | .4 | 4.8 |
| WSW | | .1 | | | | | | | | | | .1 | 5.0 |
| W | .1 | .1 | | | | | | | | | | .2 | 4.0 |
| WNW | | | .1 | .1 | | | | | | | | .2 | 11.5 |
| NW | 1.7 | 3.5 | 1.5 | .1 | | | | | | | | 6.8 | 5.3 |
| NNW | .5 | 1.6 | 3.3 | .2 | | | | | | | | 5.7 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.0 | |
| | 19.4 | 36.4 | 25.0 | 5.3 | .9 | | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-WAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 6.3 | 11.5 | 10.3 | 3.4 | 1.0 | .0 | .0 | | | | | 32.6 | 6.9 |
| NNE | .6 | 1.9 | 1.6 | .7 | .2 | .0 | | | | | | 5.2 | 7.2 |
| NE | 3.5 | 4.3 | 1.0 | .1 | | .0 | | | | | | 9.0 | 4.3 |
| ENE | .3 | .3 | .1 | | | | | | | | | .7 | 4.5 |
| E | 1.6 | 1.6 | .3 | .0 | | | | | | | | 3.4 | 3.9 |
| ESE | .1 | .4 | .1 | | | | | | | | | .6 | 4.9 |
| SE | .7 | 1.2 | .3 | .1 | .0 | .0 | | | | | | 2.4 | 5.5 |
| SSE | .1 | .2 | .2 | .1 | .1 | | | | | | | .7 | 7.7 |
| S | .4 | .5 | .4 | .1 | .1 | | | | | | | 1.5 | 7.1 |
| SSW | .0 | .2 | .1 | .1 | | | | | | | | .4 | 7.7 |
| SW | .4 | .7 | 1.1 | .2 | .0 | | | | | | | 2.3 | 7.0 |
| WSW | | .3 | .7 | .3 | | | | | | | | 1.3 | 8.6 |
| W | .4 | 1.7 | 3.7 | 1.5 | | | | | | | | 7.2 | 8.4 |
| WNW | .1 | .2 | 1.0 | .9 | .0 | .0 | | | | | | 2.3 | 9.9 |
| NW | 1.1 | 3.0 | 3.6 | 3.7 | .4 | | | | | | | 13.8 | 8.9 |
| NNW | .5 | 1.2 | 2.3 | 1.4 | .2 | .0 | | | | | | 5.6 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.1 | |
| | 16.3 | 29.2 | 28.8 | 12.4 | 2.0 | .2 | .0 | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 8927

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 10.9 | 20.6 | 15.9 | 5.4 | 1.0 | .1 | .1 | | | | | 54.0 | 6.6 |
| NNE | 1.6 | 2.8 | 1.9 | .9 | .7 | .1 | | | | | | 7.5 | 7.8 |
| NE | 3.7 | 4.8 | 2.2 | .7 | .3 | | | | | | | 11.8 | 5.6 |
| ENE | .1 | .4 | .2 | | | | | | | | | .6 | 5.6 |
| E | .9 | 1.2 | .2 | | | | | | | | | 2.3 | 3.8 |
| ESE | | .2 | .1 | | | | | | | | | .3 | 5.0 |
| SE | .3 | .3 | .2 | | | | | | | | | .7 | 5.0 |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | .1 | | | | | | | | | | .1 | 5.0 |
| WNW | | | | | | | | | | | | | |
| NW | .4 | 1.7 | 1.3 | | | | | | | | | 3.3 | 6.0 |
| NNW | .4 | .7 | 1.8 | .3 | .1 | .1 | .3 | | | | | 3.6 | 10.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.7 | |
| | 18.2 | 32.2 | 23.7 | 7.3 | 2.1 | .3 | .4 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 8.3 | 16.1 | 13.4 | 6.7 | 1.2 | .4 | .1 | | | | | 48.3 | 7.1 |
| NNE | 2.6 | 2.2 | 2.5 | 1.4 | .4 | | | | | | | 9.3 | 6.9 |
| NE | 5.5 | 7.1 | 2.3 | .9 | .4 | | | | | | | 16.2 | 5.2 |
| ENE | .5 | .6 | | | | | | | | | | 1.0 | 3.9 |
| E | .7 | 1.8 | .1 | | | | | | | | | 2.6 | 4.2 |
| ESE | .4 | .5 | | | | | | | | | | .8 | 4.3 |
| SE | .1 | .3 | | | | | | | | | | .4 | 5.0 |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | .1 | | | | | | | | | | | .1 | 2.0 |
| WSW | | | | | | | | | | | | | |
| W | .1 | | .2 | | | | | | | | | .3 | 6.0 |
| WNW | | | | | | | | | | | | | |
| NW | .3 | .9 | .9 | | | | | | | | | 2.1 | 6.0 |
| NNW | .4 | .6 | .9 | .4 | .1 | .1 | | | | | | 2.5 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.4 | |
| | 19.3 | 32.0 | 20.4 | 9.4 | 2.0 | .5 | .1 | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 1080

D

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.7 | 12.5 | 14.9 | 6.1 | .7 | .2 | | | | | | 42.2 | 7.4 |
| NNE | 1.8 | 3.0 | 2.8 | 1.2 | .7 | | | | | | | 9.4 | 7.6 |
| NE | 3.3 | 10.4 | 3.1 | 1.1 | .1 | | | | | | | 23.1 | 4.9 |
| ENE | .3 | .4 | .3 | | | | | | | | | .9 | 4.8 |
| E | 1.8 | 3.5 | .6 | | | | | | | | | 5.9 | 4.3 |
| ESE | .1 | .7 | .1 | | | | | | | | | .9 | 5.2 |
| SE | .4 | .6 | .1 | | | | | | | | | 1.0 | 4.2 |
| SSE | | | | | | | | | | | | | |
| S | .2 | | | | | | | | | | | .2 | 2.0 |
| SSW | | | | | | | | | | | | | |
| SW | | .1 | | | | | | | | | | .1 | 4.0 |
| WSW | | | | | | | | | | | | | |
| W | | .1 | | | | | | | | | | .1 | 5.0 |
| WNW | | | .1 | | | | | | | | | .1 | 9.0 |
| NW | .3 | .6 | .4 | .3 | | | | | | | | 1.6 | 6.6 |
| NNW | .3 | 1.2 | 1.3 | .5 | .1 | .1 | | | | | | 3.4 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.0 | |
| | 21.0 | 33.1 | 23.7 | 9.2 | 1.7 | .3 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-HAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-63 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.5 | 10.5 | 15.7 | 8.2 | 1.6 | .2 | | | | | | 39.6 | 8.6 |
| NNE | 1.6 | 2.6 | 2.9 | 3.1 | .7 | .4 | | | | | | 11.2 | 9.3 |
| NE | 3.4 | 4.9 | 2.5 | 1.9 | .1 | .1 | | | | | | 13.0 | 6.4 |
| ENE | | .2 | .2 | | | | | | | | | .4 | 5.8 |
| E | 1.3 | .7 | .4 | | | | | | | | | 2.4 | 3.5 |
| ESE | .2 | | | | | | | | | | | .2 | 2.0 |
| SE | .4 | .0 | | | | | | | | | | .4 | 3.3 |
| SSE | .1 | .2 | .1 | | | | | | | | | .4 | 4.5 |
| S | .7 | .2 | .6 | | | | | | | | | 1.5 | 4.5 |
| SSW | .2 | | .3 | | | | | | | | | .5 | 5.4 |
| SW | .6 | .6 | .3 | | | | | | | | | 1.6 | 4.3 |
| WSW | .2 | .4 | .2 | | | | | | | | | .7 | 5.4 |
| W | .8 | 2.0 | 1.2 | .1 | | | | | | | | 4.2 | 5.7 |
| WNW | .1 | .6 | 1.1 | .1 | | | | | | | | 1.9 | 7.2 |
| NW | 1.3 | 3.2 | 3.2 | .4 | .2 | | .2 | | | | | 8.2 | 6.7 |
| NNW | .5 | 1.4 | 2.3 | 2.1 | .4 | | .1 | .2 | | | | 7.1 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.2 | |
| | 14.9 | 28.2 | 31.0 | 15.8 | 3.0 | .6 | .1 | .2 | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 1079

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF T. S FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 46743 | TAI-NAN FORMOSA/NEU-CHEU-TZE | 54-65 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1200-1400
HOURS (L S T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .0 | 3.4 | 7.0 | 9.0 | 2.7 | .6 | | | | | | 23.8 | 11.3 |
| NNE | .1 | .2 | .7 | .9 | .5 | .4 | | | | | | 2.8 | 13.1 |
| NE | .3 | .4 | 1.1 | .7 | .4 | .1 | | | | | | 3.0 | 10.3 |
| ENE | | .1 | | | | | | | | | | .1 | 4.0 |
| E | .2 | .1 | .2 | .2 | | | | | | | | .6 | 7.6 |
| ESE | | | | | | | | | | | | | |
| SE | | .2 | .2 | | | | | | | | | .4 | 6.3 |
| SSE | | .1 | | | | | | | | | | .1 | 5.0 |
| S | .2 | .1 | .4 | | | | | | | | | .6 | 6.1 |
| SSW | | .2 | .2 | | | | | | | | | .4 | 6.8 |
| SW | .2 | .9 | 1.1 | .3 | | | | | | | | 2.5 | 7.2 |
| WSW | | .6 | 1.6 | .2 | | | | | | | | 2.3 | 7.8 |
| W | .6 | 4.3 | 11.6 | 3.5 | | | | | | | | 19.9 | 8.6 |
| WNW | .3 | 1.0 | 3.9 | 2.1 | | | | | | | | 7.3 | 9.4 |
| NW | .9 | 4.2 | 11.9 | 7.3 | 1.9 | | | | | | .1 | 25.6 | 10.2 |
| NNW | .1 | 1.0 | 3.1 | 4.4 | 1.2 | .1 | | | .1 | .1 | | 10.0 | 12.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .6 | |
| | 3.1 | 19.7 | 42.9 | 28.6 | 6.8 | 1.2 | | | .1 | .1 | .1 | 100.0 | 10.1 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 46742 | TAI-NAN FORMOSA/NEU-CHEU-TZE | 54-65 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1500-1700
HOURS (L S T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.4 | 6.5 | 12.9 | 4.4 | .3 | | | | | | 25.7 | 12.8 |
| NNE | | .1 | 1.1 | 1.7 | .8 | .5 | | | | | | 4.2 | 14.6 |
| NE | .1 | .5 | .6 | .3 | .2 | .1 | | | | | | 1.7 | 9.8 |
| ENE | | .1 | .1 | | | | | | | | | .2 | 6.5 |
| E | | | .1 | | | | | | | | | .1 | 10.0 |
| ESE | | | | | | | | | | | | | |
| SE | | .1 | | | | | | | | | | .1 | 5.0 |
| SSE | | .1 | | | | | | | | | | .1 | 6.0 |
| S | | .1 | | | | | | | | | | .1 | 4.0 |
| SSW | .1 | | | | | | | | | | | .1 | 3.0 |
| SW | .1 | .1 | .4 | .2 | | | | | | | | .7 | 7.9 |
| WSW | .2 | .3 | .9 | | | | | | | | | 1.4 | 7.0 |
| W | .3 | 2.3 | 7.0 | 1.7 | | | | | | | | 11.3 | 8.3 |
| WNW | .1 | 1.1 | 3.4 | 2.5 | | | | | | | | 7.1 | 9.4 |
| NW | .5 | 2.8 | 12.8 | 14.4 | 2.3 | .1 | | | | | .3 | 33.3 | 11.7 |
| NNW | .2 | .6 | 2.9 | 7.3 | 2.3 | .4 | | | | | | 13.6 | 13.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .3 | |
| | 1.9 | 9.4 | 35.7 | 40.9 | 10.2 | 1.3 | | | | | .3 | 100.0 | 11.6 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1000-2000 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.7 | 9.9 | 23.0 | 12.6 | 2.6 | .5 | | | | | | 52.4 | 9.3 |
| NNE | .2 | .8 | 2.6 | 2.9 | .9 | .4 | .1 | | | | | 7.9 | 11.9 |
| NE | .4 | .6 | 1.5 | 1.1 | .3 | .3 | | | | | | 4.2 | 10.3 |
| ENE | .1 | | | | | | | | | | | .1 | 3.0 |
| E | .1 | | | .1 | | | | | | | | .2 | 9.5 |
| ESE | | | | | | | | | | | | | |
| SE | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| SSE | | | | | | | | | | | | | |
| S | .4 | | .1 | | | | | | | | | .5 | 3.0 |
| SSW | | | | | | | | | | | | | |
| SW | .3 | .1 | | | | | | | | | | .4 | 2.5 |
| WSW | | .1 | .1 | | | | | | | | | .2 | 6.5 |
| W | .2 | .6 | | | | | | | | | | .8 | 4.1 |
| WNW | .1 | .3 | .2 | | | | | | | | | .6 | 5.3 |
| NW | 1.3 | 4.7 | 7.2 | 1.9 | | | | | | | | 15.3 | 7.6 |
| NNW | .6 | 2.4 | 6.2 | 4.2 | .6 | | | .1 | | .1 | .1 | 14.5 | 10.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.9 | |
| | 7.8 | 19.7 | 40.8 | 22.9 | 4.4 | 1.1 | .1 | .1 | | .1 | .1 | 100.0 | 9.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 2100-2300 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.8 | 21.3 | 21.8 | 6.6 | 1.0 | .1 | .2 | | | | | 58.8 | 7.3 |
| NNE | 1.1 | 2.2 | 2.9 | 1.8 | .8 | .2 | | | | | | 9.0 | 9.1 |
| NE | 1.7 | 2.7 | 1.9 | .9 | .5 | | | | | | | 7.7 | 7.1 |
| ENE | .1 | .3 | .2 | .1 | | | | | | | | .6 | 6.4 |
| E | 1.1 | .9 | .1 | | | | | | | | | 2.1 | 3.3 |
| ESE | | | | | | | | | | | | | |
| SE | .1 | .3 | | | | | | | | | | .4 | 4.3 |
| SSE | | | | | | | | | | | | | |
| S | | .2 | .1 | | | | | | | | | .3 | 5.3 |
| SSW | | | | | | | | | | | | | |
| SW | | .1 | | | | | | | | | | .1 | 5.0 |
| WSW | | | | | | | | | | | | | |
| W | .2 | | | | | | | | | | | .2 | 1.5 |
| WNW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| NW | 1.2 | 1.9 | 3.2 | .3 | | | | | | | | 6.7 | 6.6 |
| NNW | .9 | 1.7 | 2.4 | 1.1 | .2 | .2 | .1 | | | | | 6.0 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.9 | |
| | 13.7 | 31.7 | 32.7 | 10.8 | 2.5 | .5 | .3 | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 1078

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 46743 | TAI-NAN FORMOSA/NEU-CHEU-TZE | 54-65 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.4 | 12.2 | 14.8 | 8.4 | 1.9 | .3 | .0 | | | | | 43.1 | 8.3 |
| NNE | 1.1 | 1.7 | 2.2 | 1.7 | .7 | .2 | .0 | | | | | 7.7 | 9.3 |
| NE | 2.9 | 3.9 | 1.9 | 1.0 | .3 | .1 | | | | | | 10.1 | 6.1 |
| ENE | .1 | .2 | .1 | .0 | | | | | | | | .5 | 5.1 |
| E | .8 | 1.0 | .2 | .0 | | | | | | | | 2.0 | 4.7 |
| ESE | .1 | .2 | .0 | | | | | | | | | .3 | 4.5 |
| SE | .2 | .3 | .1 | | | | | | | | | .5 | 4.4 |
| SSE | .0 | .0 | .0 | | | | | | | | | .1 | 4.8 |
| S | .2 | .1 | .1 | | | | | | | | | .4 | 4.5 |
| SSW | .0 | .0 | .1 | | | | | | | | | .1 | 5.7 |
| SW | .2 | .2 | .2 | .1 | | | | | | | | .7 | 5.9 |
| WSW | .0 | .2 | .3 | .0 | | | | | | | | .6 | 7.1 |
| W | .3 | 1.2 | 2.5 | .7 | | | | | | | | 4.6 | 8.0 |
| WNW | .1 | .4 | 1.1 | .6 | | | | | | | | 2.2 | 9.0 |
| NW | .7 | 2.3 | 5.1 | 3.1 | .6 | .0 | | | | | .0 | 12.0 | 9.3 |
| NNW | .4 | 1.2 | 2.6 | 2.3 | .6 | .1 | .1 | .0 | .0 | .0 | .0 | 7.6 | 10.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.6 | |
| | 12.3 | 25.4 | 31.4 | 18.1 | 4.1 | .7 | .1 | .0 | .0 | .0 | .1 | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 3637

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 0000-0200 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 8.3 | 20.8 | 24.1 | 10.7 | 1.6 | .3 | | | | | | 65.7 | 7.7 |
| NNE | .7 | 3.0 | 3.2 | 2.2 | 1.1 | .2 | | | | | | 10.4 | 9.5 |
| NE | 2.1 | 4.0 | 4.2 | .6 | .2 | | | | | | | 11.1 | 6.6 |
| ENE | .1 | .4 | .3 | | | | | | | | | .8 | 5.6 |
| E | .3 | .4 | .4 | | | | | | | | | 1.3 | 4.7 |
| ESE | | | .1 | | | | | | | | | .1 | 8.0 |
| SE | .1 | | | | | | | | | | | .1 | 3.0 |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | .1 | | | | | | | | | .1 | 8.0 |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | .5 | 1.0 | .5 | .2 | | | | | | | | 2.2 | 5.7 |
| NNW | .0 | .6 | .5 | .4 | .2 | .2 | | | | | | 2.3 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.6 | |
| | 12.4 | 30.3 | 33.5 | 14.1 | 3.0 | .6 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 1115

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 46743 | TAI-NAN FORMOSA/NEU-CHEU-TZE | 54-63 | DEC |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.9 | 17.8 | 22.3 | 10.1 | 1.6 | .4 | | | | | | 60.0 | 7.8 |
| NNE | .8 | 3.2 | 4.0 | 2.5 | .8 | .4 | | | | | | 11.6 | 9.3 |
| NE | 3.1 | 6.7 | 3.8 | 1.1 | .4 | | | | | | | 15.2 | 6.2 |
| ENE | | .7 | .1 | .1 | | | | | | | | .9 | 5.9 |
| E | .4 | .7 | .6 | | | | | | | | | 2.0 | 5.1 |
| ESE | .1 | | | | | | | | | | | .1 | 3.0 |
| SE | .1 | .4 | | | | | | | | | | .4 | 4.8 |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | .4 | 1.1 | .5 | .4 | | | | | | | | 2.4 | 6.8 |
| NNW | .4 | .6 | 1.0 | .4 | .4 | .1 | | | | | | 2.9 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.3 | |
| | 13.4 | 31.4 | 32.3 | 14.3 | 3.2 | .8 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FURMOSA/NEU-CHEU-TZI (STATION NAME) | 54-65 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 0600-0800 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.5 | 14.2 | 20.3 | 10.6 | 1.9 | .4 | | | | | | 54.9 | 8.2 |
| NNE | 1.6 | 3.4 | 7.1 | 3.2 | .5 | .2 | | | | | | 16.1 | 8.7 |
| NE | 5.0 | 8.2 | 3.2 | 1.2 | .3 | | | | | | | 17.9 | 5.6 |
| ENE | .2 | .6 | .5 | | | | | | | | | 1.3 | 6.0 |
| E | 1.2 | 1.2 | .3 | | | | | | | | | 2.6 | 3.8 |
| ESE | | .1 | .1 | | | | | | | | | .2 | 7.0 |
| SE | | .2 | .4 | | | | | | | | | .5 | 6.8 |
| SSE | | | | | | | | | | | | | |
| S | .1 | | | | | | | | | | | .1 | 2.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | .1 | .5 | .5 | .1 | | | | | | | | 1.3 | 6.6 |
| NNW | .1 | .2 | 1.4 | .6 | .3 | .1 | | | | | | 2.6 | 10.7 |
| VARBL. | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.6 | |
| | 15.7 | 28.6 | 33.8 | 15.7 | 3.0 | .6 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 1108

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.5 | 8.6 | 21.6 | 14.3 | 2.9 | .4 | | | | | | 50.3 | 9.9 |
| NNE | .5 | 3.0 | 6.4 | 5.7 | 1.3 | .2 | | | | | | 17.1 | 10.3 |
| NE | 2.8 | 3.9 | 1.8 | 1.7 | .2 | | | | | | | 10.3 | 6.5 |
| ENE | .4 | .4 | .4 | | | | | | | | | 1.2 | 5.3 |
| E | .5 | .7 | .1 | | | | | | | | | 1.3 | 4.1 |
| ESE | | .4 | | | | | | | | | | .4 | 6.0 |
| SE | .4 | | .3 | | | | | | | | | .6 | 5.1 |
| SSE | | | .1 | | | | | | | | | .1 | 10.0 |
| S | .2 | .3 | .2 | | | | | | | | | .6 | 4.7 |
| SSW | | .1 | .1 | | | | | | | | | .2 | 5.5 |
| SW | | .2 | | | | | | | | | | .2 | 5.[illegible] |
| WSW | | | .1 | | | | | | | | | .1 | [illegible] |
| W | .1 | .3 | .3 | | | | | | | | | .6 | [illegible] |
| WNW | .1 | .1 | .3 | | | | | | | | | .4 | 7.2 |
| NW | 1.0 | 2.2 | 3.3 | .3 | .1 | | | | | | | 6.9 | 6.9 |
| NNW | .4 | 1.6 | 2.2 | 1.3 | .2 | .1 | | | | | | 5.8 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.8 | |
| | 8.6 | 21.6 | 37.1 | 23.3 | 4.7 | .7 | | | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS 1115

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 3.8 | 13.8 | 13.7 | 5.1 | .8 | .1 | | | | | 38.0 | 11.6 |
| NNE | | .4 | 1.8 | 3.7 | 1.3 | | | | | | | 7.2 | 13.0 |
| NE | .4 | .2 | .8 | .3 | .1 | .3 | | | | | | 2.0 | 10.5 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | .1 | | | | | | | | | | .1 | 4.0 |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | .2 | .3 | .4 | | | | | | | | | .8 | 3.4 |
| SSW | .1 | .1 | .3 | .1 | | | | | | | | .5 | 7.8 |
| SW | | .4 | .6 | | | | | | | | | 1.2 | 7.6 |
| WSW | | .2 | .4 | .1 | | | | | | | | .7 | 7.6 |
| W | .6 | .8 | 4.6 | 1.1 | | | | | | | | 7.1 | 8.5 |
| WNW | | .4 | 1.5 | 1.1 | .1 | | | | | | | 3.1 | 9.9 |
| NW | .8 | 4.9 | 10.5 | 6.5 | .9 | | | | | | | 23.6 | 9.4 |
| NNW | .4 | 2.0 | 4.8 | 4.3 | 2.6 | .3 | .1 | | | | | 15.4 | 12.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .4 | |
| | 3.1 | 13.4 | 39.7 | 31.3 | 10.3 | 1.6 | .2 | | | | | 100.0 | 10.8 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.2 | 10.2 | 14.5 | 8.0 | .9 | .1 | | | | | 35.2 | 13.4 |
| NNE | | | .9 | 3.0 | 1.3 | .2 | | | | | | 5.3 | 14.2 |
| NE | .1 | | .2 | .3 | | | | | | | | .5 | 9.2 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | .1 | | | | | | | | | | | .1 | 3.0 |
| SSW | | | .1 | | | | | | | | | .1 | 10.0 |
| SW | .1 | .3 | .3 | .1 | | | | | | | | 1.0 | 6.1 |
| WSW | | | .3 | | | | | | | | | .3 | 9.0 |
| W | .1 | 1.7 | 3.2 | 1.0 | | | | | | | | 6.0 | 8.4 |
| WNW | | .7 | 1.4 | .4 | .1 | | | | | | | 2.7 | 9.0 |
| NW | .6 | 3.1 | 9.3 | 12.8 | 2.0 | | | | | | | 27.9 | 11.3 |
| NNW | | .4 | 5.9 | 8.0 | 4.9 | .5 | | | | | | 20.6 | 13.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .4 | |
| | 1.3 | 7.7 | 31.8 | 40.9 | 16.2 | 1.6 | .1 | | | | | 100.0 | 12.3 |

TOTAL NUMBER OF OBSERVATIONS 1116

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 10.8 | 27.2 | 20.0 | 4.7 | 1.1 | | | | | | 65.1 | 10.3 |
| NNE | .2 | .7 | 3.0 | 4.0 | 1.6 | .1 | | | | | | 9.6 | 12.2 |
| NE | .2 | .4 | 1.1 | | .2 | | | | | | | 1.8 | 8.3 |
| ENE | | | | | | | | | | | | | |
| E | .1 | | | | | | | | | | | .1 | 2.0 |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | .2 | .1 | | | | | | | | | | .3 | 3.0 |
| SSW | | | | | | | | | | | | | |
| SW | .1 | | | | | | | | | | | .1 | 3.0 |
| WSW | | | | | | | | | | | | | |
| W | .1 | .1 | .1 | | | | | | | | | .3 | 4.7 |
| WNW | | .2 | .2 | | | | | | | | | .4 | 6.3 |
| NW | .5 | 3.5 | 4.9 | 1.1 | .1 | | | | | | | 10.1 | 7.5 |
| NNW | .3 | 1.5 | 6.5 | 2.3 | 1.3 | | | | | | | 12.0 | 10.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .4 | |
| | 2.9 | 17.2 | 43.0 | 27.4 | 8.0 | 1.2 | | | | | | 100.0 | 10.1 |

TOTAL NUMBER OF OBSERVATIONS 1116

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.9 | 19.3 | 26.8 | 12.7 | 3.6 | .5 | | | | | | 69.7 | 6.7 |
| NNE | .5 | 1.5 | 5.0 | 3.1 | 1.4 | | | | | | | 11.7 | 10.3 |
| NE | 1.0 | 4.0 | 2.3 | .5 | | | | | | | | 7.9 | 6.4 |
| ENE | | .2 | | | | | | | | | | .2 | 5.0 |
| E | .1 | .5 | .1 | | | | | | | | | .7 | 5.0 |
| ESE | | | | | | | | | | | | | |
| SE | .1 | | | | | | | | | | | .1 | 2.0 |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | .1 | | | | | | | | .1 | 14.0 |
| WNW | | | | | | | | | | | | | |
| NW | .4 | 1.5 | 1.2 | .3 | | | | | | | | 3.3 | 6.6 |
| NNW | .5 | 1.5 | 1.8 | .4 | .4 | | | | | | | 4.4 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.9 | |
| | 7.5 | 28.7 | 39.0 | 17.1 | 5.4 | .5 | | | | | | 100.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-63 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) ALL (HOURS L S T)

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.2 | 12.0 | 21.0 | 13.3 | 3.7 | .6 | .0 | | | | | 54.9 | 9.4 |
| NNE | .5 | 1.9 | 3.9 | 3.4 | 1.2 | .1 | | | | | | 11.1 | 10.5 |
| NE | 1.8 | 3.4 | 2.2 | .7 | .2 | .0 | | | | | | 8.3 | 6.4 |
| ENE | .1 | .3 | .2 | .0 | | | | | | | | .5 | 5.7 |
| E | .4 | .5 | .2 | | | | | | | | | 1.0 | 4.4 |
| ESE | .0 | .1 | .0 | | | | | | | | | .1 | 5.9 |
| SE | .1 | .1 | .1 | | | | | | | | | .2 | 5.3 |
| SSE | | | .0 | | | | | | | | | .0 | 10.0 |
| S | .1 | .1 | .1 | | | | | | | | | .2 | 4.6 |
| SSW | .0 | .0 | .1 | .0 | | | | | | | | .1 | 7.3 |
| SW | .0 | .1 | .1 | .0 | | | | | | | | .3 | 6.8 |
| WSW | | .0 | .1 | .0 | | | | | | | | .1 | 8.2 |
| W | .1 | .4 | 1.0 | .3 | | | | | | | | 1.8 | 6.3 |
| WNW | .0 | .2 | .4 | .2 | .0 | | | | | | | .8 | 9.2 |
| NW | .5 | 2.2 | 3.9 | 2.7 | .4 | | | | | | | 9.7 | 9.3 |
| NNW | .3 | 1.1 | 3.0 | 2.4 | 1.3 | .2 | .0 | | | | | 8.3 | 11.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.4 | |
| | 8.2 | 22.4 | 36.3 | 23.0 | 6.7 | 1.0 | .0 | | | | | 100.0 | 9.0 |

TOTAL NUMBER OF OBSERVATIONS 0912

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

46743 (STATION) | TAIPAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | ALL (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.2 | 7.0 | 10.4 | 6.1 | 1.7 | .2 | .0 | .0 | | | | 29.4 | 8.7 |
| NNE | .0 | 1.2 | 1.7 | 1.1 | .4 | .1 | .0 | | | | | 5.0 | 9.0 |
| NE | 2.0 | 3.6 | 1.3 | .3 | .1 | .0 | | | | | | 8.0 | 5.1 |
| ENE | .2 | .3 | .1 | .0 | | .0 | | | | | | .6 | 4.4 |
| E | 2.3 | 3.3 | .8 | .1 | .0 | | .0 | | | | | 6.4 | 4.5 |
| ESE | .2 | .4 | .2 | .0 | .0 | | .0 | | | | | .8 | 5.5 |
| SE | 1.2 | 2.2 | 1.2 | .3 | .1 | .0 | .0 | .0 | .0 | | | 5.0 | 6.0 |
| SSE | .1 | .2 | .3 | .2 | .1 | .0 | .0 | | | | | .9 | 9.1 |
| S | .5 | 1.0 | 1.3 | .9 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | 4.2 | 9.3 |
| SSW | .0 | .2 | .4 | .3 | .1 | .0 | .0 | .0 | | | | 1.1 | 11.1 |
| SW | .1 | 1.1 | 2.0 | 1.1 | .2 | .1 | .0 | .0 | .0 | .0 | | 5.0 | 8.9 |
| WSW | .1 | .2 | .7 | .3 | .0 | .0 | .0 | .0 | | .0 | .0 | 1.3 | 9.4 |
| W | .3 | 1.2 | 3.0 | 1.7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 9.1 |
| WNW | .1 | .3 | .8 | .7 | .1 | .0 | .0 | .0 | .0 | | | 2.0 | 10.1 |
| NW | .3 | 1.9 | 4.0 | 3.2 | .7 | .1 | .0 | .0 | .0 | | .0 | 10.3 | 9.9 |
| NNW | .2 | .8 | 1.9 | 1.3 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 5.2 | 10.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.2 | |
| | 12.9 | 25.9 | 30.0 | 17.9 | 4.3 | .6 | .1 | .1 | .0 | .0 | .0 | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 105083

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-63 (YEARS) | ALL (MONTH)

INSTRUMENT (CLASS) | ALL (HOURS (L.S.T.))

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, (CONDITION)

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.1 | 8.9 | 11.7 | 8.6 | 3.2 | .0 | .1 | .0 | | | | 37.3 | 9.5 |
| NNE | 1.0 | 2.1 | 2.8 | 1.9 | .7 | .1 | .0 | | | | | 8.7 | 9.0 |
| NE | 3.9 | 5.0 | 2.3 | .4 | .1 | .0 | | | | | | 11.7 | 5.2 |
| ENE | .3 | .3 | .1 | .0 | | .0 | | | | | | .9 | 5.1 |
| E | 1.7 | 2.6 | 1.7 | .3 | .0 | | .0 | | | | | 6.3 | 5.6 |
| ESE | .1 | .4 | .3 | .1 | .0 | | .0 | | | | | .9 | 7.4 |
| SE | .9 | 1.7 | 2.0 | 1.0 | .4 | .1 | .0 | | .0 | | | 6.1 | 8.5 |
| SSE | .1 | .2 | .3 | .3 | .2 | .0 | .0 | | | | | 1.1 | 11.4 |
| S | .3 | .6 | 1.1 | .9 | .6 | .2 | .1 | .1 | .0 | .0 | .0 | 4.0 | 13.2 |
| SSW | .0 | .0 | .2 | .2 | .1 | .1 | .1 | .0 | | | | .8 | 16.5 |
| SW | .1 | .3 | .7 | .7 | .6 | .4 | .2 | .2 | .0 | .0 | | 3.3 | 16.9 |
| WSW | .0 | .1 | .1 | .2 | .1 | .0 | .0 | .0 | | .0 | .0 | .6 | 17.2 |
| W | .1 | .1 | .4 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | | 1.3 | 15.4 |
| WNW | .1 | .0 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | | | .5 | 16.1 |
| NW | .4 | 1.0 | 1.5 | 1.1 | .5 | .2 | .1 | .3 | .0 | | | 5.1 | 12.1 |
| NNW | .3 | .7 | 1.8 | 1.2 | .6 | .4 | .1 | .0 | | | | 5.1 | 12.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.3 | |
| | 13.5 | 24.3 | 26.9 | 17.2 | 7.3 | 2.5 | .9 | .8 | .2 | .1 | .0 | 100.0 | 8.9 |

TOTAL NUMBER OF OBSERVATIONS 9449

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

# PART D CEILING VERSUS VISIBILITY

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 hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

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 minima 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 pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB 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 (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 1800 | | | | | | | | | | | | | | | | |
| ≥ 1500 | | | | | 91.0 | | | | | | | | | | | 92.6 |
| ≥ 1200 | | | | | | | | | | | | | | | | |
| ≥ 1000 | | | | | | | | | | | | | | | | |
| ≥ 900 | | | | | | | | | | | | | | | | |
| ≥ 800 | | | | | | | | | | | | | | | | |
| ≥ 700 | | | | | | | | | | | | | | | | |
| ≥ 600 | | | | | | | | | | | | | | | | |
| ≥ 500 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| ≥ 400 | | | | | | | | | | | | | | | | |
| ≥ 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 table:
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%.

## ADDITIONAL EXAMPLES

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 mile."

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.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JAN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 1.5 | 54.3 | 56.0 | 56.6 | 56.7 | 56.7 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 20000 | 1.5 | 54.9 | 56.7 | 57.2 | 57.4 | 57.4 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 18000 | 1.5 | 54.9 | 56.7 | 57.2 | 57.4 | 57.4 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 16000 | 1.5 | 54.9 | 56.7 | 57.2 | 57.4 | 57.4 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 14000 | 1.5 | 55.2 | 56.9 | 57.5 | 57.6 | 57.6 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 12000 | 1.6 | 55.5 | 57.2 | 57.7 | 57.9 | 57.9 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 |
| ≥ 10000 | 1.9 | 57.8 | 59.5 | 60.1 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 9000 | 1.9 | 58.0 | 59.7 | 60.3 | 60.4 | 60.4 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 8000 | 1.9 | 59.6 | 61.5 | 62.1 | 62.2 | 62.2 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 7000 | 1.9 | 60.3 | 62.0 | 62.5 | 62.7 | 62.7 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 6000 | 1.9 | 64.4 | 66.2 | 66.9 | 67.1 | 67.1 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 5000 | 2.2 | 71.3 | 73.2 | 74.0 | 74.2 | 74.2 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 4500 | 2.2 | 72.8 | 74.7 | 75.5 | 75.7 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 4000 | 2.4 | 79.9 | 81.7 | 82.6 | 82.7 | 82.7 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 3500 | 2.5 | 82.2 | 84.1 | 84.9 | 85.1 | 85.1 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 3000 | 2.5 | 84.6 | 86.6 | 87.3 | 87.7 | 87.7 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 2500 | 2.5 | 85.9 | 88.0 | 88.9 | 89.1 | 89.1 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 2000 | 2.5 | 86.5 | 88.7 | 89.7 | 90.0 | 90.1 | 90.2 | 90.3 | 90.3 | 90.4 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 1800 | 2.5 | 86.5 | 88.7 | 89.8 | 90.1 | 90.2 | 90.3 | 90.4 | 90.4 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 1500 | 2.5 | 86.9 | 89.1 | 90.3 | 90.6 | 90.6 | 90.7 | 90.8 | 90.8 | 90.9 | 90.9 | 91.0 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 1200 | 2.5 | 87.4 | 89.7 | 90.8 | 91.1 | 91.2 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 1000 | 2.5 | 88.2 | 90.6 | 92.1 | 92.4 | 92.5 | 92.7 | 92.8 | 92.8 | 93.0 | 93.0 | 93.1 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 900 | 2.5 | 88.2 | 90.6 | 92.1 | 92.5 | 92.7 | 92.9 | 93.0 | 93.0 | 93.2 | 93.2 | 93.3 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 800 | 2.5 | 88.6 | 91.0 | 92.5 | 93.3 | 93.4 | 93.6 | 93.7 | 93.7 | 93.9 | 93.9 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 700 | 2.5 | 89.1 | 91.8 | 93.3 | 94.1 | 94.2 | 94.4 | 94.5 | 94.5 | 94.7 | 94.7 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 600 | 2.5 | 90.3 | 93.2 | 94.8 | 95.9 | 96.0 | 96.2 | 96.3 | 96.3 | 96.5 | 96.5 | 96.6 | 96.9 | 96.9 | 96.9 | 97.0 |
| ≥ 500 | 2.5 | 90.7 | 93.6 | 95.6 | 96.8 | 96.9 | 97.1 | 97.2 | 97.2 | 97.4 | 97.4 | 97.5 | 97.8 | 97.8 | 97.8 | 97.9 |
| ≥ 400 | 2.5 | 90.7 | 93.7 | 95.7 | 96.9 | 97.1 | 97.5 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 300 | 2.5 | 90.7 | 93.8 | 96.1 | 97.4 | 97.6 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | 2.5 | 90.8 | 93.9 | 96.2 | 97.5 | 97.7 | 98.0 | 98.1 | 98.1 | 98.3 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8 |
| ≥ 100 | 2.5 | 90.8 | 93.9 | 96.2 | 97.5 | 97.7 | 98.0 | 98.1 | 98.1 | 98.3 | 98.3 | 98.5 | 98.8 | 98.8 | 98.8 | 98.9 |
| ≥ 0 | 2.5 | 90.8 | 93.9 | 96.3 | 97.7 | 97.8 | 98.2 | 98.3 | 98.3 | 98.6 | 98.6 | 98.7 | 99.2 | 99.2 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1112



DATA PROCESSING FORMS 33742

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JAN (MONTH)

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

0300-0500 (HOURS (L.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | .6 | 45.7 | 48.4 | 49.4 | 50.8 | 50.9 | 51.4 | 51.5 | 51.5 | 51.8 | 51.8 | 52.1 | 52.2 | 52.3 | 52.3 | 52.4 |
| ≥ 20000 | .6 | 45.8 | 48.5 | 49.5 | 50.9 | 51.0 | 51.5 | 51.6 | 51.6 | 51.9 | 51.9 | 52.2 | 52.3 | 52.4 | 52.4 | 52.5 |
| ≥ 18000 | .6 | 45.8 | 48.5 | 49.5 | 50.9 | 51.0 | 51.5 | 51.6 | 51.6 | 51.9 | 51.9 | 52.2 | 52.3 | 52.4 | 52.4 | 52.5 |
| ≥ 16000 | .6 | 45.8 | 48.5 | 49.5 | 50.9 | 51.0 | 51.5 | 51.6 | 51.6 | 51.9 | 51.9 | 52.2 | 52.3 | 52.4 | 52.4 | 52.5 |
| ≥ 14000 | .6 | 46.2 | 48.9 | 49.9 | 51.4 | 51.4 | 52.0 | 52.1 | 52.1 | 52.4 | 52.4 | 52.6 | 52.7 | 52.8 | 52.8 | 53.0 |
| ≥ 12000 | .6 | 46.6 | 49.3 | 50.3 | 51.7 | 51.8 | 52.4 | 52.4 | 52.4 | 52.7 | 52.7 | 53.0 | 53.1 | 53.2 | 53.2 | 53.4 |
| ≥ 10000 | .6 | 49.0 | 51.8 | 52.8 | 54.3 | 54.4 | 55.0 | 55.1 | 55.1 | 55.3 | 55.3 | 55.6 | 55.7 | 55.8 | 55.8 | 56.0 |
| ≥ 9000 | .6 | 49.0 | 51.8 | 52.8 | 54.3 | 54.4 | 55.0 | 55.1 | 55.1 | 55.3 | 55.3 | 55.6 | 55.7 | 55.8 | 55.8 | 56.0 |
| ≥ 8000 | .6 | 50.5 | 53.4 | 54.3 | 55.9 | 56.0 | 56.6 | 56.7 | 56.7 | 57.0 | 57.0 | 57.2 | 57.3 | 57.4 | 57.4 | 57.6 |
| ≥ 7000 | .6 | 50.9 | 53.9 | 54.9 | 56.4 | 56.5 | 57.2 | 57.2 | 57.2 | 57.5 | 57.5 | 57.8 | 57.9 | 58.0 | 58.0 | 58.2 |
| ≥ 6000 | .6 | 53.9 | 56.9 | 58.1 | 59.6 | 59.7 | 60.3 | 60.4 | 60.4 | 60.7 | 60.7 | 61.0 | 61.1 | 61.1 | 61.1 | 61.3 |
| ≥ 5000 | .7 | 60.5 | 63.7 | 64.9 | 66.5 | 66.6 | 67.2 | 67.3 | 67.3 | 67.6 | 67.6 | 67.8 | 67.9 | 68.0 | 68.0 | 68.2 |
| ≥ 4500 | .7 | 61.9 | 65.0 | 66.2 | 67.8 | 67.9 | 68.6 | 68.7 | 68.7 | 68.9 | 68.9 | 69.2 | 69.3 | 69.4 | 69.4 | 69.6 |
| ≥ 4000 | .9 | 70.6 | 74.0 | 75.4 | 77.2 | 77.3 | 77.9 | 78.0 | 78.0 | 78.3 | 78.3 | 78.6 | 78.7 | 78.8 | 78.8 | 79.0 |
| ≥ 3500 | 1.0 | 72.2 | 75.6 | 77.1 | 78.9 | 79.0 | 79.6 | 79.7 | 79.7 | 80.0 | 80.0 | 80.3 | 80.4 | 80.5 | 80.5 | 80.7 |
| ≥ 3000 | 1.0 | 75.2 | 78.9 | 80.6 | 82.4 | 82.5 | 83.2 | 83.2 | 83.2 | 83.5 | 83.5 | 84.0 | 84.1 | 84.1 | 84.1 | 84.3 |
| ≥ 2500 | 1.0 | 76.2 | 80.2 | 82.0 | 83.8 | 83.9 | 84.5 | 84.6 | 84.6 | 84.9 | 84.9 | 85.3 | 85.4 | 85.5 | 85.5 | 85.7 |
| ≥ 2000 | 1.0 | 77.3 | 81.3 | 83.2 | 85.0 | 85.1 | 85.9 | 86.0 | 86.0 | 86.2 | 86.2 | 86.7 | 86.8 | 86.9 | 86.9 | 87.3 |
| ≥ 1800 | 1.0 | 77.4 | 81.5 | 83.4 | 85.2 | 85.4 | 86.1 | 86.2 | 86.2 | 86.5 | 86.5 | 87.0 | 87.0 | 87.1 | 87.1 | 87.6 |
| ≥ 1500 | 1.0 | 78.0 | 82.3 | 84.4 | 86.2 | 86.4 | 87.3 | 87.4 | 87.4 | 87.7 | 87.7 | 88.1 | 88.3 | 88.4 | 88.4 | 88.9 |
| ≥ 1200 | 1.0 | 78.7 | 83.1 | 85.1 | 87.0 | 87.2 | 88.1 | 88.2 | 88.2 | 88.5 | 88.5 | 88.9 | 89.1 | 89.2 | 89.2 | 89.7 |
| ≥ 1000 | 1.0 | 79.5 | 83.9 | 86.1 | 88.4 | 88.6 | 89.5 | 89.6 | 89.6 | 89.9 | 89.9 | 90.4 | 90.6 | 90.7 | 90.7 | 91.4 |
| ≥ 900 | 1.0 | 79.5 | 83.9 | 86.1 | 88.4 | 88.9 | 89.8 | 89.9 | 89.9 | 90.2 | 90.2 | 90.7 | 90.9 | 90.9 | 90.9 | 91.7 |
| ≥ 800 | 1.0 | 79.7 | 84.2 | 86.5 | 89.0 | 89.5 | 90.5 | 90.6 | 90.6 | 90.9 | 90.9 | 91.4 | 91.6 | 91.7 | 91.7 | 92.4 |
| ≥ 700 | 1.0 | 80.4 | 85.1 | 87.3 | 89.9 | 90.3 | 91.3 | 91.4 | 91.4 | 91.8 | 91.8 | 92.3 | 92.5 | 92.6 | 92.6 | 93.3 |
| ≥ 600 | 1.0 | 81.3 | 85.9 | 88.1 | 91.2 | 91.7 | 92.7 | 92.8 | 92.8 | 93.2 | 93.2 | 93.7 | 93.8 | 93.9 | 93.9 | 94.7 |
| ≥ 500 | 1.0 | 81.7 | 86.4 | 88.7 | 91.8 | 92.4 | 93.5 | 93.6 | 93.6 | 94.1 | 94.1 | 94.6 | 94.9 | 95.0 | 95.0 | 95.8 |
| ≥ 400 | 1.0 | 81.7 | 86.4 | 88.9 | 92.2 | 92.8 | 94.1 | 94.2 | 94.2 | 94.9 | 94.9 | 95.4 | 95.8 | 95.9 | 95.9 | 97.1 |
| ≥ 300 | 1.0 | 81.7 | 86.4 | 89.3 | 92.7 | 93.2 | 94.7 | 94.7 | 94.7 | 95.5 | 95.5 | 95.9 | 96.5 | 96.6 | 96.6 | 97.7 |
| ≥ 200 | 1.0 | 82.0 | 86.7 | 89.6 | 92.9 | 93.5 | 94.9 | 95.0 | 95.0 | 95.7 | 95.7 | 96.2 | 96.7 | 96.8 | 96.8 | 98.0 |
| ≥ 100 | 1.0 | 82.0 | 86.7 | 89.6 | 92.9 | 93.5 | 94.9 | 95.0 | 95.0 | 95.7 | 95.7 | 96.4 | 97.0 | 97.1 | 97.1 | 98.3 |
| 0 | 1.0 | 82.0 | 86.7 | 89.6 | 92.9 | 93.5 | 94.9 | 95.0 | 95.0 | 95.7 | 95.7 | 96.4 | 97.3 | 97.4 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1104

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZL (STATION NAME) 54-65 (YEARS) JAN (MONTH)

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

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | .5 | 17.7 | 23.0 | 26.8 | 31.9 | 32.3 | 35.6 | 37.7 | 37.8 | 40.7 | 40.7 | 41.1 | 41.8 | 42.0 | 42.0 | 42.1 |
| ≥ 20000 | .5 | 17.7 | 23.2 | 27.0 | 32.2 | 32.7 | 36.0 | 38.2 | 38.3 | 41.2 | 41.2 | 41.5 | 42.3 | 42.4 | 42.4 | 42.5 |
| ≥ 18000 | .5 | 17.7 | 23.2 | 27.0 | 32.2 | 32.7 | 36.0 | 38.2 | 38.3 | 41.2 | 41.2 | 41.5 | 42.3 | 42.4 | 42.4 | 42.5 |
| ≥ 16000 | .5 | 17.7 | 23.2 | 27.0 | 32.2 | 32.7 | 36.0 | 38.3 | 38.4 | 41.4 | 41.4 | 41.7 | 42.4 | 42.6 | 42.6 | 42.7 |
| ≥ 14000 | .5 | 17.7 | 23.2 | 27.2 | 32.4 | 33.0 | 36.6 | 38.9 | 39.0 | 42.0 | 42.0 | 42.3 | 43.1 | 43.2 | 43.2 | 43.3 |
| ≥ 12000 | .5 | 17.8 | 23.5 | 27.5 | 32.8 | 33.3 | 37.0 | 39.5 | 39.5 | 42.5 | 42.5 | 43.0 | 43.7 | 43.9 | 43.9 | 44.0 |
| ≥ 10000 | .6 | 20.1 | 26.3 | 30.9 | 36.6 | 37.2 | 41.4 | 44.1 | 44.1 | 47.4 | 47.4 | 47.8 | 48.6 | 48.8 | 48.8 | 48.9 |
| ≥ 9000 | .6 | 20.2 | 26.5 | 31.1 | 36.8 | 37.5 | 41.7 | 44.3 | 44.4 | 47.7 | 47.7 | 48.1 | 48.9 | 49.1 | 49.1 | 49.2 |
| ≥ 8000 | .8 | 22.1 | 28.9 | 33.8 | 39.9 | 40.6 | 45.2 | 47.8 | 47.9 | 51.3 | 51.3 | 51.7 | 52.8 | 53.0 | 53.0 | 53.1 |
| ≥ 7000 | .8 | 22.4 | 29.4 | 34.4 | 40.7 | 41.4 | 46.0 | 48.6 | 48.7 | 52.1 | 52.1 | 52.5 | 53.6 | 53.8 | 53.8 | 53.9 |
| ≥ 6000 | .9 | 25.1 | 32.6 | 38.3 | 45.0 | 45.9 | 50.8 | 53.8 | 53.9 | 57.2 | 57.2 | 57.7 | 58.8 | 59.0 | 59.0 | 59.1 |
| ≥ 5000 | 1.0 | 28.6 | 36.9 | 42.6 | 49.9 | 50.8 | 55.9 | 59.3 | 59.5 | 63.0 | 63.0 | 63.5 | 64.6 | 64.8 | 64.8 | 64.9 |
| ≥ 4500 | 1.0 | 29.3 | 37.7 | 43.3 | 50.8 | 51.7 | 56.9 | 60.5 | 60.6 | 64.1 | 64.1 | 64.8 | 65.9 | 66.0 | 66.0 | 66.1 |
| ≥ 4000 | 1.1 | 34.0 | 43.4 | 49.5 | 57.6 | 58.5 | 64.0 | 67.8 | 68.1 | 72.3 | 72.3 | 73.0 | 74.1 | 74.3 | 74.3 | 74.4 |
| ≥ 3500 | 1.2 | 34.9 | 44.7 | 51.0 | 59.5 | 60.4 | 65.9 | 69.7 | 70.0 | 74.2 | 74.2 | 75.0 | 76.1 | 76.3 | 76.3 | 76.4 |
| ≥ 3000 | 1.2 | 36.2 | 46.5 | 52.9 | 61.6 | 62.6 | 68.3 | 72.4 | 72.8 | 77.1 | 77.1 | 77.9 | 79.1 | 79.3 | 79.3 | 79.4 |
| ≥ 2500 | 1.2 | 36.7 | 47.0 | 53.5 | 62.3 | 63.5 | 69.5 | 73.6 | 74.0 | 78.3 | 78.3 | 79.1 | 80.4 | 80.5 | 80.5 | 80.6 |
| ≥ 2000 | 1.2 | 37.1 | 47.6 | 54.1 | 63.0 | 64.2 | 70.3 | 74.5 | 74.9 | 79.4 | 79.4 | 80.2 | 81.4 | 81.6 | 81.6 | 81.8 |
| ≥ 1800 | 1.2 | 37.4 | 47.9 | 54.5 | 63.4 | 64.7 | 70.7 | 75.0 | 75.3 | 79.8 | 79.8 | 80.6 | 81.9 | 82.1 | 82.1 | 82.3 |
| ≥ 1500 | 1.2 | 37.5 | 48.4 | 55.0 | 64.1 | 65.3 | 71.5 | 75.9 | 76.3 | 80.8 | 80.8 | 81.6 | 83.2 | 83.3 | 83.3 | 83.5 |
| ≥ 1200 | 1.2 | 38.2 | 49.2 | 55.9 | 64.9 | 66.2 | 72.4 | 76.8 | 77.2 | 81.9 | 81.9 | 82.8 | 84.4 | 84.6 | 84.6 | 84.8 |
| ≥ 1000 | 1.2 | 38.9 | 50.2 | 57.1 | 66.5 | 67.8 | 74.2 | 78.8 | 79.2 | 84.1 | 84.1 | 85.0 | 86.8 | 86.9 | 86.9 | 87.2 |
| ≥ 900 | 1.2 | 38.9 | 50.2 | 57.1 | 66.5 | 67.8 | 74.5 | 79.1 | 79.5 | 84.4 | 84.4 | 85.3 | 87.0 | 87.2 | 87.2 | 87.5 |
| ≥ 800 | 1.2 | 39.2 | 50.5 | 57.8 | 67.4 | 68.8 | 75.6 | 80.2 | 80.5 | 85.7 | 85.7 | 86.6 | 88.5 | 88.6 | 88.6 | 88.9 |
| ≥ 700 | 1.2 | 39.5 | 51.0 | 58.3 | 68.0 | 69.5 | 76.3 | 80.9 | 81.3 | 86.6 | 86.6 | 87.5 | 89.5 | 89.8 | 89.8 | 90.2 |
| ≥ 600 | 1.2 | 39.6 | 51.3 | 58.6 | 68.5 | 69.9 | 76.8 | 81.5 | 82.0 | 87.6 | 87.6 | 88.6 | 90.9 | 91.2 | 91.2 | 91.5 |
| ≥ 500 | 1.2 | 39.8 | 51.4 | 59.3 | 69.4 | 70.8 | 77.9 | 82.7 | 83.2 | 88.9 | 88.9 | 89.9 | 92.5 | 92.6 | 92.8 | 93.3 |
| ≥ 400 | 1.2 | 40.1 | 51.8 | 60.0 | 70.2 | 71.7 | 79.2 | 84.1 | 84.6 | 90.8 | 90.8 | 91.8 | 94.4 | 94.7 | 94.7 | 95.5 |
| ≥ 300 | 1.2 | 40.2 | 51.9 | 60.3 | 70.5 | 72.2 | 79.7 | 84.8 | 85.2 | 91.5 | 91.5 | 92.5 | 95.4 | 95.7 | 95.7 | 96.8 |
| ≥ 200 | 1.2 | 40.3 | 52.0 | 60.5 | 70.8 | 72.4 | 80.0 | 85.0 | 85.5 | 91.8 | 91.8 | 92.9 | 96.0 | 96.3 | 96.3 | 97.9 |
| ≥ 100 | 1.2 | 40.3 | 52.0 | 60.5 | 70.8 | 72.4 | 80.0 | 85.0 | 85.5 | 91.8 | 91.8 | 92.9 | 96.0 | 96.3 | 96.3 | 98.0 |
| 0 | 1.2 | 40.3 | 52.0 | 60.5 | 70.8 | 72.4 | 80.0 | 85.0 | 85.5 | 91.8 | 91.8 | 92.9 | 96.8 | 97.2 | 97.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1110



DATA PROCESSING FORMS 33742

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JAN (MONTH)

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

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 4.5 | 27.2 | 34.5 | 39.7 | 43.7 | 45.7 | 47.6 | 48.4 | 48.5 | 49.5 | 49.5 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 20000 | 4.7 | 27.6 | 35.0 | 40.2 | 44.3 | 46.5 | 48.6 | 49.4 | 49.5 | 50.4 | 50.4 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 |
| < 18000 | 4.7 | 27.6 | 35.0 | 40.2 | 44.3 | 46.5 | 48.6 | 49.4 | 49.5 | 50.4 | 50.4 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 |
| ≥ 16000 | 4.7 | 27.6 | 35.0 | 40.2 | 44.3 | 46.5 | 48.6 | 49.4 | 49.5 | 50.4 | 50.4 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 |
| < 14000 | 4.8 | 28.2 | 35.5 | 40.8 | 45.1 | 47.2 | 49.3 | 50.1 | 50.2 | 51.2 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| ≥ 12000 | 4.8 | 29.2 | 36.8 | 42.4 | 46.7 | 48.9 | 51.0 | 51.9 | 52.0 | 53.0 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| < 10000 | 6.5 | 35.1 | 43.6 | 50.2 | 55.1 | 57.4 | 59.7 | 60.6 | 60.7 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 9000 | 6.6 | 35.4 | 43.9 | 50.4 | 55.4 | 57.7 | 60.1 | 61.0 | 61.0 | 62.1 | 62.1 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 |
| < 8000 | 7.1 | 39.1 | 48.3 | 55.2 | 60.7 | 63.0 | 65.7 | 66.6 | 66.7 | 67.9 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 7000 | 7.2 | 41.0 | 50.2 | 57.2 | 62.7 | 65.2 | 67.9 | 68.9 | 68.9 | 70.1 | 70.1 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 |
| < 6000 | 7.4 | 44.8 | 54.4 | 61.7 | 67.9 | 70.4 | 73.1 | 74.1 | 74.2 | 75.4 | 75.4 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 5000 | 7.8 | 46.7 | 56.4 | 64.2 | 70.8 | 73.5 | 76.7 | 77.8 | 77.9 | 79.1 | 79.1 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 |
| < 4500 | 7.9 | 47.3 | 57.3 | 65.1 | 71.9 | 74.6 | 77.7 | 79.0 | 79.1 | 80.3 | 80.3 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 4000 | 8.0 | 49.6 | 60.1 | 68.3 | 75.3 | 78.2 | 81.9 | 82.9 | 82.9 | 84.3 | 84.3 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 |
| < 3500 | 8.0 | 50.4 | 61.0 | 69.5 | 76.5 | 79.4 | 82.8 | 84.1 | 84.2 | 85.5 | 85.5 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 3000 | 8.0 | 51.2 | 61.8 | 70.6 | 77.6 | 80.5 | 84.0 | 85.4 | 85.5 | 86.8 | 86.8 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 |
| < 2500 | 8.0 | 51.9 | 62.7 | 71.5 | 78.7 | 81.6 | 85.3 | 86.7 | 86.8 | 88.2 | 88.2 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 2000 | 8.3 | 52.2 | 63.0 | 72.0 | 79.4 | 82.3 | 86.0 | 87.4 | 87.5 | 88.9 | 88.9 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 |
| < 1800 | 8.3 | 52.3 | 63.1 | 72.1 | 79.5 | 82.4 | 86.1 | 87.5 | 87.6 | 89.0 | 89.0 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 1500 | 8.3 | 52.9 | 63.9 | 73.2 | 80.6 | 83.5 | 87.2 | 88.6 | 88.7 | 90.0 | 90.0 | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 |
| < 1200 | 8.3 | 53.1 | 64.1 | 73.5 | 81.0 | 84.0 | 88.0 | 89.5 | 89.6 | 91.0 | 91.0 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 1000 | 8.3 | 53.2 | 64.3 | 74.1 | 81.9 | 84.9 | 89.1 | 90.8 | 90.9 | 92.5 | 92.5 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 |
| < 900 | 8.3 | 53.9 | 64.9 | 74.7 | 82.8 | 85.8 | 90.0 | 91.7 | 91.8 | 93.4 | 93.4 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 800 | 8.3 | 54.0 | 65.4 | 75.4 | 83.8 | 87.0 | 91.3 | 93.0 | 93.1 | 94.9 | 94.9 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 |
| < 700 | 8.3 | 54.1 | 65.6 | 75.6 | 84.0 | 87.3 | 91.6 | 93.4 | 93.5 | 95.6 | 95.6 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 600 | 8.3 | 54.2 | 65.9 | 75.9 | 84.4 | 87.8 | 92.3 | 94.2 | 94.3 | 96.3 | 96.3 | 96.8 | 97.2 | 97.2 | 97.2 | 97.2 |
| < 500 | 8.3 | 54.2 | 65.9 | 75.9 | 84.5 | 87.9 | 92.5 | 94.3 | 94.5 | 96.9 | 96.9 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 400 | 8.3 | 54.3 | 66.1 | 76.2 | 84.7 | 88.2 | 92.8 | 94.7 | 94.9 | 97.3 | 97.5 | 97.9 | 98.7 | 98.7 | 98.7 | 98.7 |
| < 300 | 8.3 | 54.3 | 66.1 | 76.5 | 85.0 | 88.4 | 93.2 | 95.2 | 95.4 | 98.1 | 98.1 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | 8.3 | 54.3 | 66.1 | 76.6 | 85.1 | 88.5 | 93.3 | 95.3 | 95.5 | 98.2 | 98.2 | 98.7 | 99.5 | 99.5 | 99.5 | 99.6 |
| < 100 | 8.3 | 54.3 | 66.1 | 76.6 | 85.1 | 88.5 | 93.3 | 95.3 | 95.5 | 98.2 | 98.2 | 98.7 | 99.5 | 99.5 | 99.5 | 99.6 |
| 0 | 8.3 | 54.3 | 66.1 | 76.6 | 85.1 | 88.5 | 93.3 | 95.3 | 95.5 | 98.2 | 98.2 | 98.7 | 99.6 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1114

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35783

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-PAN FORMOSA/HSU-CHOU-TZE (STATION NAME) 54-65 (YEARS) JAN (MONTH)

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

1200-1400 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 17.5 | 48.4 | 53.0 | 55.2 | 56.4 | 56.5 | 56.9 | 57.0 | 57.0 | 57.2 | 57.2 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 20000 | 17.8 | 49.5 | 54.2 | 56.4 | 57.8 | 57.8 | 58.2 | 58.3 | 58.4 | 58.6 | 58.6 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 18000 | 17.8 | 49.5 | 54.2 | 56.4 | 57.8 | 57.8 | 58.2 | 58.3 | 58.4 | 58.6 | 58.6 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 16000 | 17.8 | 49.5 | 54.2 | 56.4 | 57.8 | 57.8 | 58.2 | 58.3 | 58.4 | 58.6 | 58.6 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 14000 | 18.0 | 50.0 | 54.7 | 57.0 | 58.3 | 58.4 | 58.7 | 58.8 | 58.9 | 59.1 | 59.1 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 12000 | 19.9 | 53.3 | 58.0 | 60.4 | 61.8 | 61.9 | 62.2 | 62.3 | 62.4 | 62.6 | 62.6 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 10000 | 22.4 | 61.7 | 66.9 | 69.7 | 71.2 | 71.3 | 71.7 | 71.8 | 71.9 | 72.2 | 72.2 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 9000 | 22.6 | 62.2 | 67.4 | 70.2 | 71.7 | 71.8 | 72.3 | 72.4 | 72.5 | 72.8 | 72.8 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 8000 | 24.0 | 66.3 | 71.8 | 75.0 | 76.6 | 76.7 | 77.1 | 77.2 | 77.3 | 77.7 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 7000 | 24.5 | 68.0 | 73.6 | 76.8 | 78.4 | 78.5 | 78.9 | 79.0 | 79.1 | 79.5 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 6000 | 25.5 | 71.7 | 78.0 | 81.4 | 83.0 | 83.1 | 83.6 | 83.7 | 83.8 | 84.1 | 84.1 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 5000 | 26.2 | 74.3 | 81.2 | 84.8 | 86.4 | 86.5 | 86.9 | 87.0 | 87.1 | 87.4 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 4500 | 26.3 | 75.2 | 82.1 | 85.7 | 87.3 | 87.4 | 87.8 | 87.9 | 88.0 | 88.3 | 88.3 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 4000 | 26.7 | 77.8 | 84.8 | 88.6 | 90.3 | 90.4 | 90.9 | 90.9 | 91.0 | 91.5 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 3500 | 26.7 | 78.7 | 85.9 | 89.7 | 91.4 | 91.5 | 91.9 | 92.0 | 92.1 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 3000 | 26.9 | 79.5 | 86.6 | 90.4 | 92.2 | 92.3 | 92.8 | 92.9 | 93.1 | 93.5 | 93.5 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 2500 | 27.0 | 80.0 | 87.2 | 90.9 | 92.8 | 92.9 | 93.5 | 93.6 | 93.8 | 94.3 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 2000 | 27.4 | 81.2 | 88.3 | 92.3 | 94.4 | 94.5 | 95.2 | 95.3 | 95.5 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1800 | 27.4 | 81.2 | 88.3 | 92.3 | 94.4 | 94.5 | 95.2 | 95.3 | 95.5 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1500 | 27.4 | 81.3 | 88.8 | 92.7 | 95.1 | 95.2 | 95.8 | 96.0 | 96.1 | 96.7 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1200 | 27.4 | 81.6 | 89.1 | 93.0 | 95.3 | 95.4 | 96.1 | 96.2 | 96.4 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1000 | 27.4 | 81.8 | 89.5 | 93.6 | 96.1 | 96.2 | 96.9 | 97.0 | 97.2 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 27.5 | 82.0 | 89.8 | 94.0 | 96.5 | 96.6 | 97.2 | 97.4 | 97.6 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 27.5 | 82.0 | 89.9 | 94.1 | 96.6 | 96.7 | 97.5 | 97.7 | 97.8 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 27.5 | 82.1 | 90.2 | 94.4 | 97.0 | 97.0 | 97.8 | 98.1 | 98.3 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 27.5 | 82.2 | 90.5 | 94.7 | 97.2 | 97.3 | 98.2 | 98.5 | 98.7 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 27.5 | 82.2 | 90.5 | 94.7 | 97.3 | 97.5 | 98.4 | 98.7 | 98.9 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 27.5 | 82.2 | 90.5 | 94.7 | 97.4 | 97.6 | 98.5 | 98.9 | 99.2 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 27.5 | 82.2 | 90.5 | 94.7 | 97.4 | 97.6 | 98.5 | 98.9 | 99.2 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 27.5 | 82.2 | 90.5 | 94.7 | 97.4 | 97.6 | 98.5 | 98.9 | 99.2 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 27.5 | 82.2 | 90.5 | 94.7 | 97.4 | 97.6 | 98.5 | 98.9 | 99.2 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 27.5 | 82.2 | 90.5 | 94.7 | 97.4 | 97.6 | 98.5 | 98.9 | 99.2 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1115

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JAN (MONTH)

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

1500-1700 (HOURS L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 20.1 | 45.0 | 49.3 | 52.6 | 54.1 | 54.7 | 56.6 | 57.3 | 57.3 | 57.5 | 57.5 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 20000 | 20.7 | 46.5 | 50.8 | 54.1 | 55.6 | 56.4 | 58.3 | 59.0 | 59.0 | 59.2 | 59.2 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 18000 | 20.7 | 46.5 | 50.8 | 54.1 | 55.6 | 56.4 | 58.3 | 59.0 | 59.0 | 59.2 | 59.2 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 16000 | 20.9 | 46.7 | 51.0 | 54.3 | 55.8 | 56.5 | 58.5 | 59.1 | 59.1 | 59.4 | 59.4 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 14000 | 21.0 | 46.9 | 51.2 | 54.5 | 56.0 | 56.7 | 58.7 | 59.3 | 59.3 | 59.6 | 59.6 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 12000 | 22.0 | 48.7 | 53.1 | 56.6 | 58.2 | 59.0 | 61.0 | 61.6 | 61.6 | 61.9 | 61.9 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 10000 | 23.9 | 56.0 | 60.8 | 64.9 | 66.6 | 67.5 | 69.8 | 70.7 | 70.7 | 71.1 | 71.1 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥ 9000 | 23.9 | 56.3 | 61.4 | 65.4 | 67.1 | 68.0 | 70.3 | 71.2 | 71.2 | 71.6 | 71.6 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 8000 | 24.7 | 60.8 | 65.6 | 69.7 | 71.4 | 72.3 | 74.8 | 75.7 | 75.7 | 76.1 | 76.1 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 7000 | 25.5 | 62.8 | 67.7 | 72.1 | 74.1 | 75.1 | 77.8 | 78.7 | 78.7 | 79.2 | 79.2 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 6000 | 26.5 | 66.0 | 71.1 | 75.9 | 78.0 | 78.9 | 81.6 | 82.6 | 82.6 | 83.2 | 83.2 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 5000 | 27.4 | 68.5 | 73.6 | 78.4 | 80.5 | 81.5 | 84.3 | 85.3 | 85.3 | 85.8 | 85.3 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 4500 | 27.7 | 69.8 | 75.0 | 79.9 | 82.0 | 83.0 | 85.8 | 86.8 | 86.8 | 87.4 | 87.4 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 4000 | 28.1 | 72.1 | 77.6 | 82.8 | 85.2 | 86.2 | 89.2 | 90.1 | 90.1 | 90.9 | 90.9 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 3500 | 28.1 | 73.1 | 78.6 | 83.8 | 86.2 | 87.2 | 90.1 | 91.1 | 91.1 | 91.8 | 91.8 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 3000 | 28.5 | 74.4 | 80.0 | 85.2 | 87.6 | 88.6 | 91.8 | 92.7 | 92.7 | 93.5 | 93.5 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 2500 | 28.5 | 74.9 | 80.7 | 85.9 | 88.4 | 89.3 | 92.5 | 93.5 | 93.5 | 94.3 | 94.3 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 2000 | 28.7 | 75.4 | 81.2 | 86.6 | 89.2 | 90.1 | 93.3 | 94.3 | 94.3 | 95.2 | 95.2 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1800 | 28.7 | 75.4 | 81.2 | 86.6 | 89.2 | 90.2 | 93.4 | 94.4 | 94.4 | 95.3 | 95.3 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1500 | 28.7 | 75.7 | 81.9 | 87.4 | 90.0 | 90.9 | 94.1 | 95.1 | 95.1 | 96.1 | 96.1 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1200 | 28.9 | 76.7 | 83.0 | 88.4 | 91.0 | 92.0 | 95.2 | 96.1 | 96.1 | 97.1 | 97.1 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1000 | 28.9 | 76.8 | 83.1 | 88.6 | 91.2 | 92.2 | 95.3 | 96.3 | 96.3 | 97.3 | 97.3 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 28.9 | 76.8 | 83.3 | 88.9 | 91.5 | 92.5 | 95.6 | 96.6 | 96.6 | 97.6 | 97.6 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 28.9 | 76.9 | 83.4 | 89.0 | 91.6 | 92.6 | 95.7 | 96.7 | 96.7 | 97.7 | 97.7 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 700 | 28.9 | 77.1 | 83.8 | 89.3 | 91.9 | 92.9 | 96.1 | 97.1 | 97.1 | 98.1 | 98.1 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 28.9 | 77.2 | 84.0 | 89.5 | 92.3 | 93.3 | 96.4 | 97.3 | 97.5 | 98.5 | 98.5 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 28.9 | 77.2 | 84.0 | 89.5 | 92.3 | 93.3 | 96.5 | 97.8 | 97.8 | 98.7 | 98.7 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 28.9 | 77.2 | 84.0 | 89.5 | 92.3 | 93.3 | 96.5 | 97.9 | 97.9 | 98.9 | 98.9 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 28.9 | 77.2 | 84.0 | 89.5 | 92.4 | 93.5 | 96.8 | 98.2 | 98.2 | 99.2 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 28.9 | 77.2 | 84.0 | 89.5 | 92.4 | 93.5 | 96.8 | 98.2 | 98.2 | 99.2 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 28.9 | 77.2 | 84.0 | 89.5 | 92.4 | 93.5 | 96.8 | 98.2 | 98.2 | 99.2 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 28.9 | 77.2 | 84.0 | 89.5 | 92.4 | 93.5 | 96.8 | 98.2 | 98.2 | 99.2 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JAN (MONTH)

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

1800-2000 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 6.0 | 44.6 | 47.9 | 50.8 | 52.3 | 52.8 | 54.5 | 54.7 | 54.7 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| ≥ 20000 | 6.1 | 45.9 | 49.3 | 52.2 | 53.7 | 54.1 | 55.8 | 56.0 | 56.0 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 |
| IV IV 18000 | 6.1 | 45.9 | 49.3 | 52.2 | 53.7 | 54.1 | 55.8 | 56.0 | 56.0 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 |
| 16000 | 6.1 | 45.9 | 49.3 | 52.2 | 53.7 | 54.1 | 55.8 | 56.0 | 56.0 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 |
| IV IV 14000 | 6.1 | 45.9 | 49.3 | 52.2 | 53.7 | 54.1 | 55.8 | 56.0 | 56.0 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 |
| 12000 | 6.3 | 46.6 | 50.1 | 53.0 | 54.6 | 55.0 | 56.8 | 57.0 | 57.0 | 57.2 | 57.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 |
| IV IV 10000 | 6.8 | 49.9 | 53.6 | 56.7 | 58.6 | 59.1 | 60.8 | 61.0 | 61.1 | 61.3 | 61.3 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 |
| 9000 | 6.8 | 50.3 | 53.9 | 57.1 | 59.0 | 59.4 | 61.2 | 61.4 | 61.5 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 |
| IV IV 8000 | 7.3 | 53.9 | 57.6 | 61.0 | 63.0 | 63.4 | 65.2 | 65.4 | 65.5 | 65.7 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 |
| IV IV 7000 | 7.3 | 55.5 | 59.3 | 62.8 | 65.0 | 65.4 | 67.3 | 67.5 | 67.6 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 |
| IV IV 6000 | 7.8 | 61.3 | 65.4 | 69.4 | 71.7 | 72.3 | 74.2 | 74.6 | 74.6 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 |
| 5000 | 8.3 | 67.6 | 71.8 | 76.3 | 78.6 | 79.4 | 81.6 | 82.0 | 82.1 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 |
| IV IV 4500 | 8.5 | 68.8 | 73.0 | 77.5 | 79.8 | 80.6 | 82.9 | 83.3 | 83.4 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 |
| 4000 | 8.8 | 73.8 | 78.2 | 82.9 | 85.4 | 86.2 | 88.8 | 89.4 | 89.5 | 89.9 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 |
| IV IV 3500 | 8.8 | 74.7 | 79.3 | 84.1 | 86.7 | 87.5 | 90.1 | 90.8 | 90.9 | 91.2 | 91.2 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 |
| 3000 | 9.0 | 76.0 | 80.6 | 85.5 | 88.4 | 89.2 | 91.9 | 92.6 | 92.7 | 93.1 | 93.1 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 |
| IV IV 2500 | 9.0 | 76.5 | 81.2 | 86.0 | 88.9 | 89.8 | 92.5 | 93.1 | 93.2 | 93.6 | 93.6 | 93.8 | 94.1 | 94.1 | 94.1 | 94.1 |
| 2000 | 9.0 | 77.2 | 81.9 | 87.1 | 90.0 | 90.9 | 93.6 | 94.3 | 94.4 | 94.8 | 94.8 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV IV 1800 | 9.0 | 77.2 | 82.0 | 87.3 | 90.1 | 91.0 | 93.8 | 94.4 | 94.5 | 95.0 | 95.0 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 |
| 1500 | 9.0 | 77.4 | 82.4 | 87.7 | 90.6 | 91.5 | 94.3 | 94.9 | 95.0 | 95.4 | 95.4 | 95.6 | 95.9 | 95.9 | 95.9 | 95.9 |
| IV IV 1200 | 9.0 | 78.2 | 83.2 | 88.5 | 91.4 | 92.3 | 95.1 | 95.7 | 95.8 | 96.2 | 96.2 | 96.4 | 96.7 | 96.7 | 96.7 | 96.7 |
| 1000 | 9.0 | 78.3 | 83.4 | 88.7 | 91.6 | 92.5 | 95.3 | 95.9 | 96.0 | 96.4 | 96.4 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV IV 900 | 9.0 | 78.4 | 83.5 | 88.8 | 91.7 | 92.6 | 95.3 | 96.0 | 96.1 | 96.5 | 96.5 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 |
| 800 | 9.0 | 79.1 | 84.2 | 89.5 | 92.5 | 93.4 | 96.1 | 96.9 | 97.0 | 97.4 | 97.4 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV IV 700 | 9.0 | 79.2 | 84.3 | 89.6 | 92.6 | 93.5 | 96.2 | 97.0 | 97.0 | 97.5 | 97.5 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 |
| 600 | 9.1 | 79.9 | 85.1 | 90.4 | 93.5 | 94.4 | 97.1 | 98.0 | 98.1 | 98.6 | 98.6 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV IV 500 | 9.1 | 79.9 | 85.1 | 90.4 | 93.6 | 94.5 | 97.3 | 98.2 | 98.3 | 98.9 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 |
| 400 | 9.1 | 80.0 | 85.2 | 90.5 | 93.7 | 94.6 | 97.4 | 98.6 | 98.7 | 99.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV IV 300 | 9.1 | 80.0 | 85.2 | 90.6 | 93.8 | 94.7 | 97.6 | 98.7 | 98.8 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 9.1 | 80.0 | 85.2 | 90.6 | 93.8 | 94.7 | 97.6 | 98.7 | 98.8 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 100 | 9.1 | 80.0 | 85.2 | 90.6 | 93.8 | 94.7 | 97.6 | 98.7 | 98.8 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 9.1 | 80.0 | 85.2 | 90.6 | 93.8 | 94.7 | 97.6 | 98.7 | 98.8 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46744 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JAN (MONTH)

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

2100-2300 (HOURS L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 4.0 | 57.0 | 57.6 | 57.8 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 20000 | 4.0 | 57.3 | 58.0 | 58.2 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 18000 | 4.0 | 57.4 | 58.1 | 58.2 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 16000 | 4.0 | 57.4 | 58.1 | 58.2 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 14000 | 4.0 | 57.5 | 58.2 | 58.3 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| ≥ 12000 | 4.0 | 58.2 | 58.9 | 59.1 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 10000 | 4.4 | 61.6 | 62.5 | 62.7 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 9000 | 4.5 | 62.4 | 63.3 | 63.4 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 8000 | 4.5 | 64.3 | 65.3 | 65.5 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 7000 | 4.5 | 65.3 | 66.3 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 6000 | 4.5 | 69.9 | 71.1 | 71.4 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 5000 | 4.6 | 75.8 | 77.2 | 77.4 | 77.6 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 4500 | 4.7 | 77.9 | 79.3 | 79.6 | 79.7 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 4000 | 5.1 | 86.1 | 87.6 | 88.2 | 88.4 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 3500 | 5.2 | 87.6 | 89.2 | 89.8 | 90.0 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 3000 | 5.3 | 89.2 | 90.8 | 91.3 | 91.8 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 2500 | 5.3 | 89.7 | 91.3 | 91.9 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 2000 | 5.3 | 90.2 | 91.8 | 92.6 | 93.2 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1800 | 5.3 | 90.3 | 91.9 | 92.7 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1500 | 5.3 | 90.7 | 92.4 | 93.2 | 93.9 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1200 | 5.3 | 90.9 | 92.6 | 93.4 | 94.1 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1000 | 5.3 | 91.8 | 93.5 | 94.6 | 95.3 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 900 | 5.3 | 91.8 | 93.5 | 94.7 | 95.4 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 800 | 5.3 | 93.5 | 95.3 | 96.6 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 700 | 5.3 | 93.6 | 95.4 | 96.8 | 97.8 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 600 | 5.3 | 94.6 | 96.4 | 97.8 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 5.3 | 94.9 | 96.7 | 98.1 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 5.3 | 95.0 | 96.8 | 98.2 | 99.3 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 5.3 | 95.1 | 96.9 | 98.3 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 5.3 | 95.1 | 96.9 | 98.3 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 5.3 | 95.1 | 96.9 | 98.3 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 5.3 | 95.1 | 96.9 | 98.3 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116



DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-T/E STATION NAME | 54-65 YEARS | JAN MONTH

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

ALL HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 6.9 | 42.5 | 46.2 | 48.6 | 50.5 | 51.0 | 52.2 | 52.7 | 52.7 | 53.3 | 53.3 | 53.5 | 53.7 | 53.7 | 53.7 | 53.7 |
| ≥ 20000 | 7.0 | 43.2 | 47.0 | 49.4 | 51.3 | 51.8 | 53.1 | 53.6 | 53.6 | 54.2 | 54.2 | 54.4 | 54.5 | 54.6 | 54.6 | 54.6 |
| 18000 | 7.0 | 43.2 | 47.0 | 49.4 | 51.3 | 51.8 | 53.1 | 53.6 | 53.6 | 54.2 | 54.2 | 54.4 | 54.5 | 54.6 | 54.6 | 54.6 |
| 16000 | 7.0 | 43.2 | 47.0 | 49.4 | 51.3 | 51.8 | 53.1 | 53.6 | 53.6 | 54.3 | 54.3 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 |
| 14000 | 7.1 | 43.5 | 47.3 | 49.7 | 51.6 | 52.2 | 53.4 | 54.0 | 54.0 | 54.6 | 54.6 | 54.8 | 54.9 | 55.0 | 55.0 | 55.0 |
| 12000 | 7.5 | 44.5 | 48.4 | 50.9 | 52.9 | 53.4 | 54.7 | 55.3 | 55.3 | 55.9 | 55.9 | 56.1 | 56.3 | 56.3 | 56.3 | 56.3 |
| 10000 | 8.4 | 48.9 | 53.2 | 56.0 | 58.2 | 58.8 | 60.2 | 60.9 | 60.9 | 61.6 | 61.6 | 61.8 | 61.9 | 62.0 | 62.0 | 62.0 |
| 9000 | 8.9 | 49.3 | 53.5 | 56.4 | 58.6 | 59.1 | 60.6 | 61.2 | 61.3 | 62.0 | 62.0 | 62.1 | 62.3 | 62.3 | 62.3 | 62.4 |
| 8000 | 8.9 | 52.1 | 56.6 | 59.6 | 61.9 | 62.5 | 64.1 | 64.7 | 64.8 | 65.5 | 65.5 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 |
| 7000 | 9.1 | 53.3 | 57.8 | 60.9 | 63.4 | 64.0 | 65.6 | 66.2 | 66.3 | 67.0 | 67.0 | 67.2 | 67.4 | 67.4 | 67.4 | 67.5 |
| 6000 | 9.4 | 57.2 | 62.0 | 65.4 | 68.0 | 68.7 | 70.3 | 71.0 | 71.1 | 71.8 | 71.8 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 |
| 5000 | 9.8 | 61.7 | 66.8 | 70.3 | 73.1 | 73.8 | 75.6 | 76.4 | 76.4 | 77.2 | 77.2 | 77.4 | 77.6 | 77.7 | 77.7 | 77.7 |
| 4500 | 9.9 | 62.9 | 68.0 | 71.6 | 74.4 | 75.1 | 77.0 | 77.8 | 77.8 | 78.6 | 78.6 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 |
| 4000 | 10.2 | 66.0 | 73.5 | 77.3 | 80.3 | 81.0 | 83.0 | 83.9 | 83.9 | 84.8 | 84.8 | 85.1 | 85.3 | 85.3 | 85.3 | 85.4 |
| 3500 | 10.2 | 69.3 | 74.8 | 78.7 | 81.8 | 82.5 | 84.5 | 85.4 | 85.5 | 86.4 | 86.4 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 |
| 3000 | 10.3 | 70.8 | 76.5 | 80.5 | 83.7 | 84.4 | 86.5 | 87.4 | 87.5 | 88.5 | 88.3 | 88.8 | 89.0 | 89.0 | 89.0 | 89.1 |
| 2500 | 10.3 | 71.3 | 77.3 | 81.4 | 84.6 | 85.4 | 87.5 | 88.4 | 88.5 | 89.5 | 89.5 | 89.8 | 90.0 | 90.1 | 90.1 | 90.1 |
| 2000 | 10.4 | 72.1 | 78.0 | 82.2 | 85.5 | 86.4 | 88.5 | 89.5 | 89.5 | 90.5 | 90.5 | 90.9 | 91.1 | 91.2 | 91.2 | 91.2 |
| 1800 | 10.4 | 72.2 | 78.1 | 82.4 | 85.7 | 86.5 | 88.6 | 89.6 | 89.7 | 90.7 | 90.7 | 91.0 | 91.3 | 91.3 | 91.3 | 91.4 |
| 1500 | 10.4 | 72.6 | 78.7 | 83.0 | 86.4 | 87.2 | 89.4 | 90.4 | 90.5 | 91.5 | 91.5 | 91.8 | 92.2 | 92.2 | 92.2 | 92.3 |
| 1200 | 10.5 | 73.1 | 79.2 | 83.6 | 87.0 | 87.8 | 90.1 | 91.1 | 91.2 | 92.2 | 92.2 | 92.6 | 92.9 | 93.0 | 93.0 | 93.0 |
| 1000 | 10.5 | 73.6 | 79.8 | 84.4 | 87.9 | 88.8 | 91.1 | 92.1 | 92.2 | 93.3 | 93.3 | 93.7 | 94.1 | 94.1 | 94.1 | 94.2 |
| 900 | 10.5 | 73.7 | 80.0 | 84.6 | 88.2 | 89.1 | 91.4 | 92.4 | 92.5 | 93.7 | 93.7 | 94.0 | 94.4 | 94.4 | 94.4 | 94.5 |
| 800 | 10.5 | 74.1 | 80.5 | 85.2 | 89.0 | 89.9 | 92.3 | 93.3 | 93.4 | 94.6 | 94.6 | 95.0 | 95.4 | 95.4 | 95.4 | 95.5 |
| 700 | 10.5 | 74.4 | 80.9 | 85.6 | 89.4 | 90.4 | 92.7 | 93.8 | 93.9 | 95.2 | 95.2 | 95.5 | 96.0 | 96.0 | 96.0 | 96.1 |
| 600 | 10.5 | 74.9 | 81.8 | 86.2 | 90.2 | 91.2 | 93.6 | 94.7 | 94.9 | 96.1 | 96.1 | 96.5 | 97.0 | 97.0 | 97.0 | 97.2 |
| 500 | 10.5 | 75.1 | 81.7 | 86.5 | 90.6 | 91.6 | 94.1 | 95.2 | 95.4 | 96.7 | 96.7 | 97.1 | 97.7 | 97.7 | 97.7 | 97.9 |
| 400 | 10.5 | 75.2 | 81.8 | 86.7 | 90.9 | 91.8 | 94.5 | 95.7 | 95.9 | 97.3 | 97.3 | 97.7 | 98.3 | 98.3 | 98.3 | 98.6 |
| 300 | 10.5 | 75.2 | 81.8 | 86.9 | 91.1 | 92.1 | 94.8 | 96.1 | 96.2 | 97.7 | 97.7 | 98.1 | 98.7 | 98.8 | 98.8 | 99.1 |
| 200 | 10.5 | 75.3 | 81.9 | 87.0 | 91.2 | 92.2 | 94.8 | 96.2 | 96.3 | 97.8 | 97.8 | 98.2 | 98.9 | 98.9 | 98.9 | 99.3 |
| 100 | 10.5 | 75.3 | 81.9 | 87.0 | 91.2 | 92.2 | 94.8 | 96.2 | 96.3 | 97.8 | 97.8 | 98.2 | 98.9 | 99.0 | 99.0 | 99.3 |
| 0 | 10.5 | 75.3 | 81.9 | 87.0 | 91.2 | 92.2 | 94.9 | 96.2 | 96.3 | 97.8 | 97.8 | 98.3 | 99.1 | 99.2 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8903

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 2.3 | 47.4 | 48.6 | 49.6 | 50.1 | 50.1 | 50.4 | 50.6 | 50.6 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 20000 | 2.3 | 47.8 | 49.0 | 50.0 | 50.5 | 50.5 | 50.8 | 51.0 | 51.0 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 18000 | 2.3 | 47.8 | 49.0 | 50.0 | 50.5 | 50.5 | 50.8 | 51.0 | 51.0 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 16000 | 2.3 | 47.8 | 49.0 | 50.0 | 50.5 | 50.5 | 50.8 | 51.0 | 51.0 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 14000 | 2.3 | 47.8 | 49.0 | 50.0 | 50.5 | 50.5 | 50.8 | 51.0 | 51.0 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 12000 | 2.3 | 48.2 | 49.4 | 50.4 | 50.9 | 50.9 | 51.2 | 51.4 | 51.4 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 10000 | 2.5 | 49.9 | 51.2 | 52.2 | 52.7 | 52.7 | 53.0 | 53.2 | 53.2 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 9000 | 2.5 | 49.9 | 51.2 | 52.2 | 52.7 | 52.7 | 53.0 | 53.2 | 53.2 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 8000 | 2.6 | 52.2 | 53.5 | 54.4 | 54.9 | 54.9 | 55.2 | 55.4 | 55.4 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| ≥ 7000 | 2.6 | 52.6 | 53.8 | 54.8 | 55.3 | 55.3 | 55.6 | 55.8 | 55.8 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| ≥ 6000 | 2.6 | 57.5 | 59.0 | 60.0 | 60.5 | 60.5 | 60.7 | 60.9 | 60.9 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 5000 | 2.8 | 64.6 | 66.1 | 67.3 | 67.8 | 67.8 | 68.0 | 68.2 | 68.2 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 4500 | 2.8 | 66.1 | 67.9 | 69.0 | 69.5 | 69.5 | 69.8 | 70.0 | 70.0 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 4000 | 2.8 | 73.3 | 75.0 | 76.2 | 77.0 | 77.0 | 77.3 | 77.5 | 77.5 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 3500 | 2.8 | 75.9 | 77.7 | 78.9 | 79.7 | 79.7 | 80.0 | 80.2 | 80.2 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 3000 | 2.8 | 79.4 | 81.6 | 82.8 | 83.8 | 83.8 | 84.1 | 84.3 | 84.3 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 2500 | 2.8 | 80.1 | 82.3 | 83.7 | 84.7 | 84.7 | 85.0 | 85.2 | 85.2 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 2000 | 2.8 | 81.0 | 83.3 | 84.9 | 85.9 | 85.9 | 86.2 | 86.4 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 1800 | 2.8 | 81.2 | 83.5 | 85.1 | 86.1 | 86.1 | 86.4 | 86.6 | 86.6 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 1500 | 3.0 | 81.4 | 83.7 | 85.3 | 86.3 | 86.3 | 86.6 | 86.8 | 86.8 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 1200 | 3.0 | 82.0 | 84.3 | 85.9 | 87.0 | 87.0 | 87.3 | 87.5 | 87.5 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 1000 | 3.0 | 82.9 | 85.3 | 87.2 | 88.6 | 88.6 | 89.0 | 89.2 | 89.2 | 89.5 | 89.5 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 900 | 3.0 | 83.0 | 85.4 | 87.3 | 88.7 | 88.7 | 89.1 | 89.3 | 89.3 | 89.6 | 89.6 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 800 | 3.0 | 84.6 | 87.2 | 89.2 | 90.6 | 90.6 | 91.0 | 91.2 | 91.2 | 91.6 | 91.6 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 700 | 3.0 | 85.3 | 87.9 | 89.8 | 91.3 | 91.3 | 92.0 | 92.2 | 92.2 | 92.6 | 92.6 | 52.7 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 600 | 3.0 | 86.9 | 89.4 | 91.8 | 93.3 | 93.3 | 94.0 | 94.2 | 94.2 | 94.6 | 94.6 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 500 | 3.0 | 87.1 | 89.6 | 92.0 | 93.6 | 93.6 | 94.6 | 94.8 | 94.8 | 95.2 | 95.2 | 95.3 | 95.5 | 95.5 | 95.5 | 95.6 |
| ≥ 400 | 3.0 | 88.1 | 90.6 | 93.0 | 94.9 | 94.9 | 95.9 | 96.1 | 96.1 | 96.4 | 96.4 | 96.5 | 96.7 | 96.7 | 96.7 | 96.8 |
| ≥ 300 | 3.0 | 88.2 | 90.7 | 93.3 | 95.4 | 95.4 | 96.4 | 96.6 | 96.6 | 97.4 | 97.5 | 97.6 | 97.9 | 97.9 | 97.9 | 98.5 |
| ≥ 200 | 3.0 | 88.4 | 90.9 | 93.5 | 95.8 | 95.8 | 96.9 | 97.1 | 97.1 | 97.9 | 98.0 | 98.1 | 98.6 | 98.6 | 98.6 | 99.2 |
| ≥ 100 | 3.0 | 88.4 | 90.9 | 93.6 | 95.9 | 95.9 | 97.1 | 97.3 | 97.3 | 98.1 | 98.2 | 98.4 | 99.0 | 99.0 | 99.0 | 99.6 |
| 0 | 3.0 | 88.4 | 90.9 | 93.6 | 95.9 | 95.9 | 97.1 | 97.3 | 97.3 | 98.1 | 98.2 | 98.4 | 99.1 | 99.1 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1014

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZC STATION NAME | 54-63 YEARS | FEB MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | .9 | 38.4 | 41.3 | 42.7 | 43.6 | 44.0 | 44.9 | 44.9 | 44.9 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.3 |
| ≥ 20000 | .9 | 38.4 | 41.6 | 43.0 | 43.9 | 44.2 | 45.2 | 45.2 | 45.2 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.6 |
| ≥ 18000 | .9 | 38.4 | 41.6 | 43.0 | 43.9 | 44.2 | 45.2 | 45.2 | 45.2 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.6 |
| ≥ 16000 | .9 | 38.4 | 41.6 | 43.0 | 43.9 | 44.2 | 45.2 | 45.2 | 45.2 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.6 |
| ≥ 14000 | .9 | 38.5 | 41.7 | 43.2 | 44.1 | 44.4 | 45.4 | 45.4 | 45.4 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.8 |
| ≥ 12000 | .9 | 38.6 | 41.8 | 43.3 | 44.1 | 44.5 | 45.5 | 45.5 | 45.5 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.9 |
| ≥ 10000 | .9 | 41.5 | 44.7 | 46.2 | 47.1 | 47.5 | 48.5 | 48.5 | 48.5 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 49.0 |
| ≥ 9000 | .9 | 41.5 | 44.7 | 46.2 | 47.1 | 47.5 | 48.5 | 48.5 | 48.5 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 49.0 |
| ≥ 8000 | 1.1 | 43.4 | 46.6 | 48.1 | 49.0 | 49.4 | 50.3 | 50.3 | 50.3 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.8 |
| ≥ 7000 | 1.1 | 44.0 | 47.2 | 48.7 | 49.6 | 50.0 | 50.9 | 50.9 | 50.9 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.4 |
| ≥ 6000 | 1.2 | 49.1 | 52.4 | 53.9 | 54.8 | 55.2 | 56.1 | 56.1 | 56.1 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.6 |
| ≥ 5000 | 1.3 | 54.4 | 57.9 | 59.5 | 60.7 | 61.1 | 62.0 | 62.0 | 62.0 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 |
| ≥ 4500 | 1.3 | 55.1 | 58.6 | 60.2 | 61.4 | 61.8 | 62.7 | 62.7 | 62.7 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 |
| ≥ 4000 | 1.4 | 64.9 | 68.8 | 70.4 | 72.2 | 72.6 | 73.5 | 73.6 | 73.6 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 |
| ≥ 3500 | 1.5 | 66.9 | 70.9 | 72.5 | 74.2 | 74.6 | 75.6 | 75.7 | 75.7 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 |
| ≥ 3000 | 1.7 | 69.6 | 73.8 | 75.4 | 77.3 | 77.7 | 78.7 | 78.8 | 78.8 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.3 |
| ≥ 2500 | 1.7 | 70.8 | 75.3 | 76.9 | 78.8 | 79.2 | 80.1 | 80.2 | 80.2 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 |
| ≥ 2000 | 1.7 | 71.8 | 76.4 | 78.0 | 79.8 | 80.2 | 81.2 | 81.3 | 81.3 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 |
| ≥ 1800 | 1.7 | 72.0 | 76.6 | 78.2 | 80.0 | 80.4 | 81.4 | 81.5 | 81.5 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 |
| ≥ 1500 | 1.8 | 72.6 | 77.3 | 78.9 | 80.7 | 81.1 | 82.1 | 82.5 | 82.5 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 |
| ≥ 1200 | 1.8 | 73.1 | 78.0 | 79.6 | 81.5 | 81.9 | 82.9 | 83.3 | 83.4 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 |
| ≥ 1000 | 1.8 | 73.7 | 79.0 | 80.7 | 82.8 | 83.2 | 84.2 | 84.6 | 84.7 | 85.1 | 85.1 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 900 | 1.8 | 74.3 | 79.5 | 81.3 | 83.4 | 83.8 | 84.8 | 85.2 | 85.3 | 85.6 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.9 |
| ≥ 800 | 1.8 | 76.0 | 81.8 | 83.7 | 85.7 | 86.1 | 87.3 | 87.7 | 87.8 | 88.4 | 88.4 | 88.5 | 88.7 | 88.7 | 88.7 | 88.8 |
| ≥ 700 | 1.8 | 76.8 | 82.7 | 84.6 | 86.6 | 87.0 | 88.4 | 88.8 | 88.9 | 89.5 | 89.5 | 89.6 | 89.8 | 89.8 | 89.8 | 89.9 |
| ≥ 600 | 1.8 | 77.4 | 83.6 | 85.5 | 87.6 | 88.0 | 89.4 | 89.8 | 89.9 | 90.5 | 90.5 | 90.6 | 90.8 | 90.8 | 90.8 | 90.9 |
| ≥ 500 | 1.8 | 77.8 | 84.1 | 86.0 | 88.4 | 88.8 | 90.2 | 90.6 | 90.7 | 91.2 | 91.2 | 91.3 | 92.0 | 92.2 | 92.2 | 92.4 |
| ≥ 400 | 1.8 | 79.1 | 85.4 | 87.5 | 90.3 | 90.7 | 92.4 | 92.8 | 92.9 | 93.7 | 93.7 | 93.8 | 94.5 | 94.7 | 94.7 | 94.9 |
| ≥ 300 | 1.8 | 79.4 | 85.7 | 87.8 | 91.0 | 91.3 | 93.1 | 93.5 | 93.6 | 94.9 | 94.9 | 95.1 | 95.8 | 96.1 | 96.1 | 97.0 |
| ≥ 200 | 1.8 | 79.4 | 85.7 | 87.8 | 91.1 | 91.4 | 93.3 | 93.7 | 93.8 | 95.4 | 95.4 | 95.8 | 96.8 | 97.1 | 97.1 | 97.9 |
| ≥ 100 | 1.8 | 79.4 | 85.7 | 87.8 | 91.1 | 91.4 | 93.3 | 93.7 | 93.8 | 95.4 | 95.4 | 95.9 | 96.9 | 97.1 | 97.1 | 98.2 |
| 0 | 1.8 | 79.4 | 85.7 | 87.8 | 91.1 | 91.4 | 93.3 | 93.7 | 93.8 | 95.4 | 95.4 | 95.9 | 97.4 | 97.7 | 97.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1017

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-WAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

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

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | .5 | 11.2 | 18.4 | 22.7 | 27.4 | 28.7 | 31.4 | 33.0 | 33.1 | 36.7 | 36.8 | 37.7 | 38.4 | 38.4 | 38.4 | 38.8 |
| ≥ 20000 | .5 | 11.5 | 18.9 | 23.5 | 28.2 | 29.6 | 32.4 | 34.0 | 34.2 | 38.0 | 38.1 | 38.9 | 39.7 | 39.7 | 39.7 | 40.1 |
| ≥ 18000 | .5 | 11.5 | 18.9 | 23.5 | 28.2 | 29.6 | 32.4 | 34.0 | 34.2 | 38.0 | 38.1 | 38.9 | 39.7 | 39.7 | 39.7 | 40.1 |
| ≥ 16000 | .5 | 11.5 | 18.9 | 23.5 | 28.2 | 29.6 | 32.4 | 34.0 | 34.2 | 38.0 | 38.1 | 38.9 | 39.7 | 39.7 | 39.7 | 40.1 |
| ≥ 14000 | .5 | 11.5 | 19.0 | 23.7 | 28.5 | 30.0 | 32.7 | 34.4 | 34.6 | 38.3 | 38.4 | 39.3 | 40.1 | 40.1 | 40.1 | 40.5 |
| ≥ 12000 | .5 | 11.5 | 19.1 | 23.9 | 29.1 | 30.6 | 33.3 | 35.0 | 35.2 | 38.9 | 39.0 | 39.9 | 40.7 | 40.7 | 40.7 | 41.1 |
| ≥ 10000 | .6 | 13.1 | 21.1 | 26.3 | 32.0 | 33.4 | 36.4 | 38.3 | 38.5 | 42.4 | 42.5 | 43.5 | 44.3 | 44.3 | 44.3 | 44.8 |
| ≥ 9000 | .6 | 13.1 | 21.1 | 26.3 | 32.0 | 33.4 | 36.4 | 38.3 | 38.5 | 42.4 | 42.5 | 43.5 | 44.3 | 44.3 | 44.3 | 44.8 |
| ≥ 8000 | .6 | 14.7 | 23.7 | 29.2 | 35.3 | 36.8 | 39.8 | 41.8 | 42.0 | 45.8 | 45.9 | 46.9 | 47.8 | 47.8 | 47.8 | 48.3 |
| ≥ 7000 | .6 | 15.1 | 24.3 | 29.8 | 36.0 | 37.5 | 40.5 | 42.5 | 42.7 | 46.5 | 46.6 | 47.6 | 48.5 | 48.5 | 48.5 | 49.0 |
| ≥ 6000 | .7 | 18.4 | 28.8 | 34.6 | 41.2 | 42.8 | 46.0 | 48.1 | 48.3 | 52.1 | 52.2 | 53.2 | 54.1 | 54.1 | 54.1 | 54.6 |
| ≥ 5000 | 1.0 | 21.4 | 32.9 | 39.0 | 46.6 | 48.2 | 52.1 | 54.3 | 54.5 | 58.7 | 58.8 | 59.8 | 60.7 | 60.7 | 60.7 | 61.2 |
| ≥ 4500 | 1.0 | 22.3 | 34.0 | 40.2 | 47.9 | 49.5 | 53.4 | 55.7 | 55.9 | 60.2 | 60.3 | 61.3 | 62.1 | 62.1 | 62.1 | 62.6 |
| ≥ 4000 | 1.2 | 27.5 | 40.3 | 47.5 | 55.9 | 57.4 | 61.7 | 63.9 | 64.1 | 68.7 | 68.8 | 69.9 | 70.8 | 70.8 | 70.8 | 71.3 |
| ≥ 3500 | 1.2 | 28.6 | 41.6 | 48.8 | 57.2 | 58.8 | 63.1 | 65.4 | 65.8 | 70.5 | 70.6 | 71.7 | 72.7 | 72.7 | 72.7 | 73.2 |
| ≥ 3000 | 1.2 | 30.7 | 44.1 | 51.4 | 60.4 | 61.9 | 66.4 | 68.6 | 69.0 | 73.8 | 73.9 | 75.1 | 76.1 | 76.1 | 76.1 | 76.6 |
| ≥ 2500 | 1.2 | 31.6 | 45.1 | 52.5 | 61.5 | 63.0 | 67.5 | 69.7 | 70.1 | 74.9 | 75.0 | 76.2 | 77.2 | 77.2 | 77.2 | 77.7 |
| ≥ 2000 | 1.2 | 32.1 | 46.0 | 53.4 | 62.4 | 64.0 | 68.5 | 70.8 | 71.3 | 76.3 | 76.5 | 77.7 | 78.7 | 78.7 | 78.7 | 79.2 |
| ≥ 1800 | 1.2 | 32.4 | 46.5 | 53.9 | 62.9 | 64.5 | 69.0 | 71.3 | 71.8 | 76.8 | 77.0 | 78.2 | 79.2 | 79.2 | 79.2 | 79.6 |
| ≥ 1500 | 1.2 | 32.7 | 46.9 | 54.6 | 63.6 | 65.2 | 69.9 | 72.4 | 72.9 | 78.0 | 78.2 | 79.4 | 80.3 | 80.3 | 80.3 | 80.8 |
| ≥ 1200 | 1.2 | 33.1 | 47.4 | 55.3 | 64.3 | 66.0 | 70.7 | 73.2 | 73.6 | 78.8 | 79.0 | 80.1 | 81.1 | 81.1 | 81.1 | 81.6 |
| ≥ 1000 | 1.2 | 33.4 | 47.9 | 55.9 | 65.3 | 67.1 | 71.9 | 74.7 | 75.2 | 80.5 | 80.7 | 81.9 | 82.9 | 82.9 | 82.9 | 83.5 |
| ≥ 900 | 1.2 | 33.6 | 48.2 | 56.3 | 65.7 | 67.5 | 72.3 | 75.1 | 75.6 | 80.9 | 81.1 | 82.3 | 83.3 | 83.3 | 83.3 | 83.9 |
| ≥ 800 | 1.2 | 34.7 | 49.7 | 57.9 | 67.8 | 69.2 | 74.1 | 77.1 | 77.6 | 83.0 | 83.2 | 84.5 | 85.5 | 85.5 | 85.5 | 86.1 |
| ≥ 700 | 1.3 | 35.1 | 50.1 | 58.7 | 68.5 | 70.3 | 75.2 | 78.2 | 78.7 | 84.1 | 84.3 | 85.5 | 86.6 | 86.6 | 86.6 | 87.2 |
| ≥ 600 | 1.3 | 35.3 | 50.4 | 59.2 | 69.5 | 71.3 | 76.5 | 79.4 | 79.9 | 85.4 | 85.6 | 87.0 | 88.1 | 88.1 | 88.1 | 88.7 |
| ≥ 500 | 1.3 | 35.5 | 51.0 | 59.9 | 70.2 | 72.0 | 77.3 | 80.2 | 80.7 | 86.4 | 86.6 | 88.1 | 89.7 | 89.7 | 89.7 | 90.6 |
| ≥ 400 | 1.3 | 35.7 | 51.2 | 60.4 | 71.2 | 73.1 | 78.7 | 81.7 | 82.2 | 88.0 | 88.2 | 89.7 | 91.3 | 91.3 | 91.3 | 92.2 |
| ≥ 300 | 1.3 | 35.8 | 51.3 | 60.7 | 71.5 | 73.4 | 79.1 | 82.2 | 82.7 | 89.9 | 90.1 | 91.9 | 93.9 | 93.9 | 93.9 | 95.4 |
| ≥ 200 | 1.3 | 35.8 | 51.3 | 60.7 | 71.6 | 73.5 | 79.4 | 82.5 | 83.0 | 90.4 | 90.6 | 92.5 | 94.7 | 94.7 | 94.7 | 96.6 |
| ≥ 100 | 1.3 | 35.8 | 51.3 | 60.7 | 71.6 | 73.5 | 79.4 | 82.5 | 83.0 | 90.4 | 90.6 | 92.6 | 94.8 | 94.8 | 94.8 | 97.1 |
| ≥ 0 | 1.3 | 35.8 | 51.3 | 60.7 | 71.6 | 73.5 | 79.4 | 82.5 | 83.0 | 90.6 | 90.8 | 92.9 | 95.7 | 95.7 | 95.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1017

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-T2E (STATION NAME) 54-65 (YEARS) FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 6.4 | 31.1 | 36.0 | 43.8 | 46.9 | 47.8 | 50.2 | 51.2 | 51.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.9 |
| ≥ 20000 | 6.6 | 32.2 | 39.3 | 45.3 | 48.6 | 49.6 | 52.0 | 53.0 | 53.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.7 |
| ≥ 18000 | 6.6 | 32.2 | 39.3 | 45.3 | 48.6 | 49.6 | 52.0 | 53.0 | 53.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.7 |
| ≥ 16000 | 6.6 | 32.2 | 39.3 | 45.3 | 48.6 | 49.6 | 52.0 | 53.0 | 53.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.7 |
| ≥ 14000 | 6.8 | 32.4 | 39.8 | 45.8 | 49.1 | 50.0 | 52.5 | 53.5 | 53.8 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 55.2 |
| ≥ 12000 | 6.8 | 33.0 | 40.8 | 47.0 | 50.3 | 51.3 | 53.9 | 55.0 | 55.3 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.6 |
| ≥ 10000 | 7.5 | 36.8 | 45.1 | 51.6 | 55.9 | 56.8 | 59.5 | 60.6 | 60.9 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 | 62.3 |
| ≥ 9000 | 7.5 | 37.0 | 45.4 | 51.9 | 56.1 | 57.1 | 59.8 | 60.9 | 61.2 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.6 |
| ≥ 8000 | 7.7 | 39.3 | 48.8 | 55.5 | 59.9 | 61.1 | 63.7 | 64.8 | 65.1 | 66.3 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.7 |
| ≥ 7000 | 7.7 | 40.5 | 50.0 | 56.9 | 61.4 | 62.5 | 65.3 | 66.4 | 66.7 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 68.2 |
| ≥ 6000 | 8.2 | 44.1 | 54.6 | 61.8 | 66.5 | 67.7 | 70.5 | 71.7 | 72.0 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.6 |
| ≥ 5000 | 8.8 | 47.7 | 58.3 | 66.0 | 71.0 | 72.3 | 75.3 | 76.5 | 76.8 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.5 |
| ≥ 4500 | 8.8 | 48.6 | 59.3 | 67.2 | 72.2 | 73.5 | 76.5 | 77.8 | 78.1 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.7 |
| ≥ 4000 | 9.0 | 51.7 | 62.8 | 70.8 | 75.8 | 77.2 | 80.4 | 81.8 | 82.1 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.8 |
| ≥ 3500 | 9.1 | 52.7 | 64.0 | 72.1 | 77.1 | 78.5 | 81.7 | 83.1 | 83.4 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 85.1 |
| ≥ 3000 | 9.2 | 53.8 | 65.6 | 73.9 | 79.2 | 80.5 | 83.9 | 85.3 | 85.5 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.4 |
| ≥ 2500 | 9.3 | 54.8 | 66.7 | 75.0 | 80.2 | 81.6 | 85.0 | 86.3 | 86.6 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.7 |
| ≥ 2000 | 9.5 | 55.2 | 67.2 | 75.5 | 80.8 | 82.2 | 85.5 | 87.0 | 87.3 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 89.4 |
| ≥ 1800 | 9.5 | 55.2 | 67.2 | 75.5 | 80.8 | 82.2 | 85.5 | 87.0 | 87.3 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 89.4 |
| ≥ 1500 | 9.5 | 55.3 | 67.3 | 75.8 | 81.1 | 82.5 | 85.9 | 87.7 | 88.0 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 90.2 |
| ≥ 1200 | 9.6 | 55.7 | 67.6 | 76.3 | 81.6 | 83.0 | 86.5 | 88.3 | 88.6 | 90.0 | 90.0 | 90.1 | 90.2 | 90.2 | 90.2 | 90.8 |
| ≥ 1000 | 9.6 | 56.0 | 68.2 | 77.1 | 82.5 | 83.9 | 87.4 | 89.4 | 89.7 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.8 |
| ≥ 900 | 9.6 | 56.3 | 68.6 | 77.6 | 83.0 | 84.4 | 87.9 | 89.9 | 90.2 | 91.5 | 91.5 | 91.6 | 91.7 | 91.7 | 91.7 | 92.3 |
| ≥ 800 | 9.6 | 56.7 | 69.3 | 78.7 | 85.0 | 86.3 | 89.9 | 91.9 | 92.2 | 93.6 | 93.6 | 93.7 | 93.8 | 93.8 | 93.8 | 94.4 |
| ≥ 700 | 9.7 | 56.8 | 69.5 | 78.9 | 85.2 | 86.5 | 90.3 | 92.3 | 92.6 | 94.0 | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.8 |
| ≥ 600 | 9.8 | 57.3 | 70.1 | 79.6 | 86.6 | 88.0 | 91.9 | 94.0 | 94.3 | 95.7 | 95.7 | 95.9 | 96.0 | 96.0 | 96.0 | 96.6 |
| ≥ 500 | 9.8 | 57.4 | 70.2 | 79.9 | 87.3 | 88.8 | 92.7 | 94.8 | 95.1 | 96.6 | 96.6 | 96.8 | 96.9 | 96.9 | 96.9 | 97.5 |
| ≥ 400 | 9.8 | 57.5 | 70.5 | 80.3 | 87.7 | 89.2 | 93.1 | 95.2 | 95.5 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 98.0 |
| ≥ 300 | 9.8 | 57.6 | 70.7 | 80.5 | 87.9 | 89.4 | 93.3 | 95.7 | 96.0 | 97.7 | 97.7 | 98.0 | 98.1 | 98.1 | 98.1 | 98.8 |
| ≥ 200 | 9.8 | 57.6 | 70.7 | 80.5 | 88.0 | 89.5 | 93.6 | 95.9 | 96.2 | 98.0 | 98.0 | 98.3 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 100 | 9.8 | 57.6 | 70.7 | 80.5 | 88.0 | 89.5 | 93.6 | 95.9 | 96.3 | 98.1 | 98.1 | 98.5 | 98.8 | 98.8 | 98.8 | 99.6 |
| 0 | 9.8 | 57.6 | 70.7 | 80.5 | 88.0 | 89.5 | 93.6 | 95.9 | 96.3 | 98.2 | 98.2 | 98.6 | 99.0 | 99.0 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1017

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 23.1 | 57.9 | 61.8 | 63.2 | 63.7 | 64.2 | 64.7 | 65.1 | 65.1 | 65.7 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 20000 | 23.6 | 59.6 | 63.4 | 64.8 | 65.4 | 65.9 | 66.4 | 66.8 | 66.8 | 67.4 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.4 |
| ≥ 18000 | 23.6 | 59.6 | 63.4 | 64.8 | 65.4 | 65.9 | 66.4 | 66.8 | 66.8 | 67.4 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 16000 | 23.6 | 59.6 | 63.4 | 64.8 | 65.4 | 65.9 | 66.4 | 66.8 | 66.8 | 67.4 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 14000 | 24.0 | 60.4 | 64.2 | 65.6 | 66.2 | 66.7 | 67.2 | 67.7 | 67.7 | 68.3 | 68.3 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 12000 | 24.5 | 61.6 | 65.6 | 67.0 | 67.6 | 68.1 | 68.6 | 69.1 | 69.1 | 69.7 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 10000 | 26.8 | 67.4 | 71.9 | 73.6 | 74.4 | 74.9 | 75.5 | 76.0 | 76.0 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 9000 | 26.9 | 67.6 | 72.1 | 73.8 | 74.6 | 75.1 | 75.8 | 76.3 | 76.3 | 76.8 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 8000 | 27.0 | 69.8 | 74.4 | 76.2 | 76.9 | 77.4 | 78.2 | 78.7 | 78.7 | 79.3 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 7000 | 27.3 | 70.7 | 75.5 | 77.2 | 78.3 | 78.8 | 79.6 | 80.1 | 80.1 | 80.7 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 6000 | 28.4 | 73.6 | 78.8 | 80.7 | 81.9 | 82.4 | 83.2 | 83.6 | 83.6 | 84.2 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 5000 | 28.6 | 76.1 | 81.3 | 83.3 | 84.8 | 85.3 | 86.1 | 86.6 | 86.6 | 87.2 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 4500 | 28.8 | 76.9 | 82.4 | 84.6 | 86.1 | 86.6 | 87.4 | 87.9 | 87.9 | 88.5 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 4000 | 29.5 | 79.8 | 85.6 | 88.0 | 89.5 | 90.0 | 91.0 | 91.5 | 91.5 | 92.1 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 3500 | 29.5 | 80.5 | 86.3 | 88.7 | 90.1 | 90.6 | 91.7 | 92.2 | 92.2 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 3000 | 29.9 | 81.8 | 87.7 | 90.0 | 91.7 | 92.2 | 93.3 | 93.8 | 93.8 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 2500 | 30.0 | 82.7 | 88.6 | 90.9 | 92.6 | 93.1 | 94.2 | 94.7 | 94.7 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 |
| ≥ 2000 | 30.2 | 84.0 | 90.1 | 92.5 | 94.2 | 94.7 | 95.8 | 96.3 | 96.3 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 |
| ≥ 1800 | 30.2 | 84.1 | 90.2 | 92.6 | 94.3 | 94.8 | 95.9 | 96.4 | 96.4 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 |
| ≥ 1500 | 30.2 | 84.6 | 90.7 | 93.1 | 94.9 | 95.4 | 96.6 | 97.0 | 97.0 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 |
| ≥ 1200 | 30.4 | 84.8 | 91.0 | 93.6 | 95.4 | 95.9 | 97.0 | 97.5 | 97.5 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 |
| ≥ 1000 | 30.5 | 85.3 | 91.5 | 94.4 | 96.2 | 96.7 | 97.8 | 98.3 | 98.3 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 |
| ≥ 900 | 30.5 | 85.4 | 91.6 | 94.5 | 96.3 | 96.7 | 97.9 | 98.4 | 98.4 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 800 | 30.5 | 85.6 | 91.9 | 94.9 | 96.7 | 97.1 | 98.3 | 98.8 | 98.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 700 | 30.5 | 85.6 | 91.9 | 94.9 | 96.7 | 97.2 | 98.4 | 98.9 | 98.9 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 600 | 30.5 | 85.6 | 91.9 | 94.9 | 96.7 | 97.2 | 98.4 | 98.9 | 98.9 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 500 | 30.5 | 85.6 | 91.9 | 94.9 | 96.7 | 97.2 | 98.4 | 98.9 | 98.9 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 400 | 30.5 | 85.6 | 91.9 | 94.9 | 96.7 | 97.2 | 98.4 | 98.9 | 98.9 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 300 | 30.5 | 85.6 | 91.9 | 94.9 | 96.7 | 97.2 | 98.4 | 98.9 | 98.9 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 30.5 | 85.6 | 91.9 | 94.9 | 96.7 | 97.2 | 98.4 | 98.9 | 98.9 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 30.5 | 85.6 | 91.9 | 94.9 | 96.7 | 97.2 | 98.4 | 98.9 | 98.9 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 0 | 30.5 | 85.6 | 91.9 | 94.9 | 96.7 | 97.2 | 98.4 | 98.9 | 98.9 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1015

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

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

1500-1700 (HOURS L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 23.6 | 50.2 | 53.0 | 56.0 | 58.4 | 58.6 | 59.7 | 60.5 | 60.5 | 61.7 | 61.7 | 62.2 | 62.4 | 62.4 | 62.4 | 62.5 |
| ≥ 20000 | 24.2 | 51.4 | 54.2 | 57.4 | 60.0 | 60.2 | 61.4 | 62.2 | 62.2 | 63.3 | 63.3 | 63.8 | 64.0 | 64.0 | 64.0 | 64.1 |
| ≥ 18000 | 24.3 | 51.7 | 54.5 | 57.7 | 60.3 | 60.5 | 61.7 | 62.5 | 62.5 | 63.6 | 63.6 | 64.1 | 64.3 | 64.3 | 64.3 | 64.4 |
| ≥ 16000 | 24.4 | 51.8 | 54.6 | 57.8 | 60.4 | 60.6 | 61.8 | 62.6 | 62.6 | 63.7 | 63.7 | 64.2 | 64.4 | 64.4 | 64.4 | 64.5 |
| ≥ 14000 | 25.2 | 52.8 | 55.6 | 58.8 | 61.4 | 61.6 | 62.8 | 63.5 | 63.5 | 64.7 | 64.7 | 65.2 | 65.4 | 65.4 | 65.4 | 65.5 |
| ≥ 12000 | 26.2 | 54.2 | 56.9 | 60.2 | 62.9 | 63.1 | 64.2 | 65.0 | 65.0 | 66.2 | 66.2 | 66.7 | 66.9 | 66.9 | 66.9 | 67.0 |
| ≥ 10000 | 27.6 | 58.9 | 61.9 | 65.7 | 68.5 | 68.8 | 70.1 | 70.9 | 70.9 | 72.1 | 72.1 | 72.6 | 72.8 | 72.8 | 72.8 | 72.9 |
| ≥ 9000 | 27.6 | 59.0 | 62.0 | 65.8 | 68.6 | 69.0 | 70.4 | 71.2 | 71.2 | 72.4 | 72.4 | 72.9 | 73.1 | 73.1 | 73.1 | 73.2 |
| ≥ 8000 | 29.2 | 62.2 | 65.4 | 69.5 | 72.2 | 72.6 | 74.2 | 75.0 | 75.0 | 76.3 | 76.3 | 76.7 | 76.9 | 76.9 | 76.9 | 77.0 |
| ≥ 7000 | 29.5 | 63.2 | 66.4 | 70.5 | 73.5 | 74.0 | 75.7 | 76.5 | 76.5 | 77.7 | 77.7 | 78.2 | 78.4 | 78.4 | 78.4 | 78.5 |
| ≥ 6000 | 30.6 | 66.4 | 69.9 | 74.2 | 77.3 | 78.0 | 79.9 | 80.8 | 80.8 | 82.2 | 82.2 | 82.7 | 82.9 | 82.9 | 82.9 | 83.0 |
| ≥ 5000 | 31.7 | 70.2 | 74.1 | 78.6 | 82.0 | 82.5 | 84.3 | 85.2 | 85.2 | 86.6 | 86.6 | 87.1 | 87.3 | 87.3 | 87.3 | 87.4 |
| ≥ 4500 | 32.0 | 70.8 | 74.8 | 79.4 | 82.8 | 83.3 | 85.2 | 86.1 | 86.1 | 87.6 | 87.6 | 88.1 | 88.3 | 88.3 | 88.3 | 88.4 |
| ≥ 4000 | 32.4 | 73.1 | 77.5 | 82.2 | 85.7 | 86.2 | 88.3 | 89.2 | 89.2 | 90.7 | 90.7 | 91.2 | 91.4 | 91.4 | 91.4 | 91.5 |
| ≥ 3500 | 32.4 | 73.6 | 78.1 | 82.9 | 86.4 | 86.9 | 89.1 | 90.0 | 90.0 | 91.5 | 91.5 | 92.0 | 92.2 | 92.2 | 92.2 | 92.3 |
| ≥ 3000 | 32.5 | 75.5 | 80.1 | 84.9 | 88.6 | 89.1 | 91.3 | 92.2 | 92.2 | 93.8 | 93.8 | 94.3 | 94.5 | 94.5 | 94.5 | 94.6 |
| ≥ 2500 | 32.6 | 76.5 | 81.1 | 85.9 | 89.6 | 90.0 | 92.5 | 93.4 | 93.4 | 95.0 | 95.0 | 95.5 | 95.7 | 95.7 | 95.7 | 95.8 |
| ≥ 2000 | 32.9 | 77.3 | 82.0 | 86.8 | 90.4 | 90.9 | 93.6 | 94.6 | 94.6 | 96.2 | 96.2 | 96.7 | 96.8 | 96.8 | 96.8 | 96.9 |
| ≥ 1800 | 32.9 | 77.3 | 82.1 | 86.9 | 90.6 | 91.1 | 93.8 | 94.8 | 94.8 | 96.4 | 96.4 | 96.8 | 97.0 | 97.0 | 97.0 | 97.1 |
| ≥ 1500 | 32.9 | 77.4 | 82.2 | 87.4 | 91.1 | 91.6 | 94.3 | 95.3 | 95.3 | 96.8 | 96.8 | 97.3 | 97.5 | 97.5 | 97.5 | 97.6 |
| ≥ 1200 | 33.1 | 78.0 | 82.8 | 88.0 | 91.7 | 92.3 | 95.0 | 96.0 | 96.0 | 97.5 | 97.5 | 98.0 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 1000 | 33.1 | 78.6 | 83.6 | 88.9 | 92.7 | 93.3 | 96.0 | 96.9 | 96.9 | 98.5 | 98.5 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 900 | 33.1 | 78.6 | 83.6 | 88.9 | 92.7 | 93.3 | 96.0 | 96.9 | 96.9 | 98.5 | 98.5 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 800 | 33.1 | 78.6 | 83.6 | 88.9 | 92.7 | 93.3 | 96.0 | 96.9 | 96.9 | 98.5 | 98.5 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 700 | 33.1 | 78.7 | 83.7 | 89.0 | 92.8 | 93.4 | 96.1 | 97.0 | 97.0 | 98.6 | 98.6 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 |
| ≥ 600 | 33.1 | 78.8 | 83.8 | 89.1 | 92.9 | 93.5 | 96.2 | 97.1 | 97.1 | 98.7 | 98.7 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 500 | 33.1 | 78.8 | 83.9 | 89.2 | 93.0 | 93.6 | 96.6 | 97.5 | 97.5 | 99.1 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 400 | 33.1 | 78.8 | 83.9 | 89.2 | 93.0 | 93.6 | 96.6 | 97.5 | 97.5 | 99.1 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 300 | 33.1 | 78.8 | 83.9 | 89.2 | 93.0 | 93.6 | 96.6 | 97.5 | 97.5 | 99.1 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 200 | 33.1 | 78.8 | 83.9 | 89.2 | 93.0 | 93.6 | 96.7 | 97.6 | 97.6 | 99.2 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 33.1 | 78.8 | 83.9 | 89.2 | 93.0 | 93.6 | 96.7 | 97.6 | 97.6 | 99.2 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 |
| 0 | 33.1 | 78.8 | 83.9 | 89.2 | 93.0 | 93.6 | 96.7 | 97.6 | 97.6 | 99.2 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1015

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-WAN FORMOSA/NEU-CHEU-TZU (STATION NAME) 54-65 (YEARS) FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 9.3 | 47.2 | 50.7 | 52.8 | 55.3 | 55.4 | 56.7 | 56.9 | 56.9 | 57.6 | 57.6 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 20000 | 9.4 | 48.0 | 51.6 | 53.9 | 56.5 | 56.6 | 57.8 | 58.1 | 58.1 | 58.8 | 58.8 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 |
| V ≥ 18000 | 9.4 | 48.0 | 51.6 | 53.9 | 56.5 | 56.6 | 57.8 | 58.1 | 58.1 | 58.8 | 58.8 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 |
| V ≥ 16000 | 9.4 | 48.1 | 51.7 | 54.0 | 56.6 | 56.7 | 57.9 | 58.2 | 58.2 | 58.9 | 58.9 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 |
| V ≥ 14000 | 9.6 | 48.5 | 52.1 | 54.4 | 56.9 | 57.0 | 58.3 | 58.6 | 58.6 | 59.3 | 59.3 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 |
| V ≥ 12000 | 9.9 | 49.3 | 53.0 | 55.4 | 57.9 | 58.0 | 59.3 | 59.6 | 59.6 | 60.3 | 60.3 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 |
| V ≥ 10000 | 10.3 | 52.0 | 56.0 | 58.4 | 61.3 | 61.4 | 62.8 | 63.1 | 63.1 | 63.7 | 63.7 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 |
| V ≥ 9000 | 10.4 | 52.1 | 56.1 | 58.5 | 61.4 | 61.5 | 62.9 | 63.2 | 63.2 | 63.8 | 63.8 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 |
| V ≥ 8000 | 10.8 | 53.9 | 58.2 | 60.8 | 63.6 | 63.7 | 65.2 | 65.5 | 65.5 | 66.3 | 66.3 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 |
| V ≥ 7000 | 10.8 | 54.2 | 58.5 | 61.2 | 64.2 | 64.4 | 65.9 | 66.2 | 66.2 | 67.0 | 67.0 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 |
| V ≥ 6000 | 11.3 | 60.8 | 65.4 | 68.4 | 71.5 | 71.7 | 73.5 | 73.8 | 73.8 | 74.7 | 74.7 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 |
| V ≥ 5000 | 11.8 | 64.3 | 69.9 | 73.1 | 76.6 | 76.7 | 78.5 | 78.8 | 78.8 | 79.7 | 79.7 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 |
| V ≥ 4500 | 12.0 | 65.3 | 71.2 | 74.5 | 77.9 | 78.1 | 80.0 | 80.3 | 80.3 | 81.2 | 81.2 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 |
| V ≥ 4000 | 12.4 | 71.5 | 78.1 | 81.8 | 85.3 | 85.5 | 87.5 | 87.8 | 87.8 | 88.7 | 88.7 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 |
| V ≥ 3500 | 12.5 | 72.7 | 79.3 | 83.1 | 86.6 | 86.8 | 88.8 | 89.1 | 89.1 | 90.0 | 90.0 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 |
| V ≥ 3000 | 12.5 | 74.5 | 81.3 | 85.2 | 89.0 | 89.2 | 91.4 | 91.8 | 91.8 | 92.8 | 92.8 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 |
| V ≥ 2500 | 12.6 | 75.6 | 82.4 | 86.4 | 90.1 | 90.3 | 92.7 | 93.1 | 93.1 | 94.1 | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 |
| V ≥ 2000 | 12.6 | 76.5 | 83.3 | 87.3 | 91.3 | 91.5 | 93.9 | 94.3 | 94.3 | 95.3 | 95.3 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 |
| V ≥ 1800 | 12.6 | 76.5 | 83.3 | 87.3 | 91.3 | 91.5 | 93.9 | 94.3 | 94.3 | 95.3 | 95.3 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 |
| V ≥ 1500 | 12.6 | 76.6 | 83.3 | 87.6 | 91.6 | 91.8 | 94.2 | 94.6 | 94.6 | 95.6 | 95.6 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 |
| V ≥ 1200 | 12.8 | 77.7 | 84.5 | 89.0 | 93.0 | 93.2 | 95.6 | 96.0 | 96.0 | 96.9 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 |
| V ≥ 1000 | 12.8 | 77.9 | 84.8 | 89.3 | 93.3 | 93.5 | 96.1 | 96.5 | 96.5 | 97.4 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 |
| V ≥ 900 | 12.8 | 78.1 | 85.0 | 89.5 | 93.5 | 93.7 | 96.3 | 96.7 | 96.7 | 97.6 | 97.6 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 |
| V ≥ 800 | 12.8 | 78.5 | 85.4 | 90.0 | 94.0 | 94.2 | 96.7 | 97.1 | 97.1 | 98.1 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| V ≥ 700 | 12.8 | 78.6 | 85.5 | 90.0 | 94.1 | 94.3 | 96.8 | 97.2 | 97.2 | 98.2 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| V ≥ 600 | 12.8 | 78.7 | 85.9 | 90.4 | 94.5 | 94.7 | 97.2 | 97.6 | 97.6 | 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| V ≥ 500 | 12.8 | 79.2 | 86.4 | 91.0 | 95.2 | 95.4 | 98.0 | 98.4 | 98.4 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| V ≥ 400 | 12.8 | 79.2 | 86.4 | 91.0 | 95.2 | 95.4 | 98.0 | 98.4 | 98.4 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| V ≥ 300 | 12.8 | 79.2 | 86.4 | 91.0 | 95.2 | 95.4 | 98.0 | 98.4 | 98.4 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| V ≥ 200 | 12.8 | 79.2 | 86.4 | 91.0 | 95.2 | 95.4 | 98.3 | 98.7 | 98.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| V ≥ 100 | 12.8 | 79.2 | 86.4 | 91.0 | 95.2 | 95.4 | 98.3 | 98.7 | 98.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| V ≥ 0 | 12.8 | 79.2 | 86.4 | 91.0 | 95.2 | 95.4 | 98.3 | 98.7 | 98.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1015

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35781

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

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

2100-2300 (HOURS (L.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 5.0 | 51.7 | 52.6 | 53.3 | 54.0 | 54.0 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 20000 | 5.0 | 51.9 | 52.8 | 53.5 | 54.2 | 54.2 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 18000 | 5.0 | 51.9 | 52.8 | 53.5 | 54.2 | 54.2 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 16000 | 5.0 | 51.9 | 52.8 | 53.5 | 54.2 | 54.2 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 14000 | 5.0 | 52.0 | 52.9 | 53.6 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| ≥ 12000 | 5.0 | 52.1 | 53.0 | 53.7 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 10000 | 5.2 | 54.3 | 55.2 | 55.9 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 9000 | 5.2 | 54.3 | 55.2 | 55.9 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 8000 | 5.5 | 57.3 | 58.2 | 59.0 | 59.7 | 59.7 | 59.8 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 7000 | 5.7 | 57.9 | 58.8 | 59.6 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 6000 | 5.8 | 62.7 | 63.8 | 64.6 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 5000 | 6.5 | 71.0 | 72.3 | 73.1 | 73.7 | 73.8 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 4500 | 6.5 | 72.2 | 73.5 | 74.3 | 75.0 | 75.1 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 4000 | 6.5 | 79.1 | 80.5 | 81.3 | 82.2 | 82.3 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 3500 | 6.6 | 81.1 | 82.7 | 83.5 | 84.4 | 84.5 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 3000 | 6.6 | 84.8 | 86.7 | 87.5 | 88.4 | 88.5 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 2500 | 6.6 | 86.1 | 88.1 | 88.9 | 89.8 | 89.9 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 2000 | 6.6 | 87.1 | 89.1 | 90.2 | 91.2 | 91.3 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 1800 | 6.6 | 87.1 | 89.1 | 90.2 | 91.2 | 91.3 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 1500 | 6.6 | 87.1 | 89.1 | 90.3 | 91.3 | 91.4 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 1200 | 6.6 | 88.5 | 90.5 | 91.7 | 92.9 | 93.0 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1000 | 6.7 | 89.1 | 91.1 | 92.3 | 93.5 | 93.6 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 900 | 6.7 | 89.3 | 91.2 | 92.5 | 93.7 | 93.8 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 800 | 6.7 | 90.5 | 92.4 | 93.8 | 95.0 | 95.1 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 700 | 6.7 | 91.3 | 93.3 | 94.7 | 95.9 | 96.0 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 600 | 6.7 | 92.1 | 94.3 | 95.8 | 97.0 | 97.1 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 500 | 6.7 | 92.5 | 94.9 | 96.5 | 97.6 | 97.7 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 400 | 6.7 | 93.2 | 95.6 | 97.1 | 98.4 | 98.5 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 6.7 | 93.2 | 95.6 | 97.1 | 98.4 | 98.5 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 6.7 | 93.2 | 95.6 | 97.1 | 98.4 | 98.5 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 6.7 | 93.2 | 95.6 | 97.1 | 98.4 | 98.5 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 6.7 | 93.2 | 95.6 | 97.1 | 98.4 | 98.5 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1017

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 8.9 | 41.9 | 45.5 | 48.0 | 49.9 | 50.3 | 51.5 | 52.0 | 52.1 | 53.1 | 53.1 | 53.3 | 53.5 | 53.5 | 53.5 | 53.6 |
| ≥ 20000 | 9.1 | 42.6 | 46.4 | 48.9 | 50.9 | 51.3 | 52.5 | 53.1 | 53.1 | 54.1 | 54.1 | 54.4 | 54.5 | 54.5 | 54.5 | 54.6 |
| ≥ 18000 | 9.1 | 42.6 | 46.4 | 49.0 | 50.9 | 51.4 | 52.6 | 53.1 | 53.2 | 54.2 | 54.2 | 54.4 | 54.5 | 54.5 | 54.5 | 54.7 |
| ≥ 16000 | 9.1 | 42.7 | 46.4 | 49.0 | 51.0 | 51.4 | 52.6 | 53.1 | 53.2 | 54.2 | 54.2 | 54.4 | 54.6 | 54.6 | 54.6 | 54.7 |
| ≥ 14000 | 9.3 | 43.0 | 46.8 | 49.4 | 51.4 | 51.8 | 53.0 | 53.6 | 53.6 | 54.6 | 54.6 | 54.9 | 55.0 | 55.0 | 55.0 | 55.1 |
| ≥ 12000 | 9.5 | 43.6 | 47.4 | 50.1 | 52.1 | 52.6 | 53.8 | 54.4 | 54.4 | 55.4 | 55.4 | 55.7 | 55.8 | 55.8 | 55.8 | 55.9 |
| ≥ 10000 | 10.2 | 46.7 | 50.9 | 53.7 | 56.0 | 56.5 | 57.8 | 58.4 | 58.5 | 59.5 | 59.5 | 59.8 | 59.9 | 59.9 | 59.9 | 60.0 |
| ≥ 9000 | 10.2 | 46.8 | 51.0 | 53.8 | 56.1 | 56.6 | 57.9 | 58.5 | 58.6 | 59.6 | 59.6 | 59.9 | 60.0 | 60.0 | 60.0 | 60.1 |
| ≥ 8000 | 10.5 | 49.1 | 53.6 | 56.6 | 58.9 | 59.4 | 60.8 | 61.4 | 61.5 | 62.5 | 62.6 | 62.8 | 63.0 | 63.0 | 63.0 | 63.1 |
| ≥ 7000 | 10.6 | 49.8 | 54.3 | 57.3 | 59.8 | 60.3 | 61.7 | 62.3 | 62.4 | 63.5 | 63.5 | 63.7 | 63.9 | 63.9 | 63.9 | 64.0 |
| ≥ 6000 | 11.1 | 54.1 | 59.1 | 62.3 | 64.9 | 65.4 | 66.9 | 67.6 | 67.6 | 68.7 | 68.7 | 69.0 | 69.1 | 69.1 | 69.1 | 69.3 |
| ≥ 5000 | 11.6 | 58.7 | 64.1 | 67.5 | 70.4 | 70.9 | 72.5 | 73.2 | 73.3 | 74.4 | 74.4 | 74.7 | 74.8 | 74.8 | 74.8 | 74.9 |
| ≥ 4500 | 11.6 | 59.7 | 65.2 | 68.7 | 71.6 | 72.2 | 73.8 | 74.5 | 74.5 | 75.7 | 75.7 | 76.0 | 76.1 | 76.1 | 76.1 | 76.2 |
| ≥ 4000 | 11.9 | 65.1 | 71.1 | 74.8 | 77.9 | 78.5 | 80.3 | 81.0 | 81.1 | 82.3 | 82.3 | 82.6 | 82.7 | 82.7 | 82.7 | 82.8 |
| ≥ 3500 | 11.9 | 66.5 | 72.6 | 76.3 | 79.5 | 80.0 | 81.8 | 82.5 | 82.6 | 83.9 | 83.9 | 84.1 | 84.3 | 84.3 | 84.3 | 84.4 |
| ≥ 3000 | 12.0 | 68.7 | 73.1 | 78.9 | 82.3 | 82.9 | 84.7 | 85.5 | 85.5 | 86.8 | 86.8 | 87.1 | 87.3 | 87.3 | 87.3 | 87.4 |
| ≥ 2500 | 12.1 | 69.7 | 76.2 | 80.0 | 83.4 | 84.0 | 85.9 | 86.6 | 86.7 | 88.0 | 88.0 | 88.3 | 88.4 | 88.4 | 88.4 | 88.6 |
| ≥ 2000 | 12.2 | 70.6 | 77.2 | 81.1 | 84.5 | 85.1 | 87.1 | 87.8 | 87.9 | 89.2 | 89.2 | 89.5 | 89.7 | 89.7 | 89.7 | 89.8 |
| ≥ 1800 | 12.2 | 70.7 | 77.3 | 81.2 | 84.7 | 85.2 | 87.2 | 87.9 | 88.0 | 89.4 | 89.4 | 89.7 | 89.8 | 89.8 | 89.8 | 90.0 |
| ≥ 1500 | 12.2 | 70.9 | 77.6 | 81.6 | 85.1 | 85.7 | 87.7 | 88.5 | 88.6 | 89.9 | 90.0 | 90.3 | 90.4 | 90.4 | 90.4 | 90.6 |
| ≥ 1200 | 12.3 | 71.6 | 78.3 | 82.4 | 85.9 | 86.5 | 88.5 | 89.4 | 89.5 | 90.8 | 90.9 | 91.2 | 91.3 | 91.3 | 91.3 | 91.5 |
| ≥ 1000 | 12.3 | 72.1 | 78.9 | 83.2 | 86.8 | 87.5 | 89.5 | 90.4 | 90.6 | 91.9 | 91.9 | 92.2 | 92.3 | 92.3 | 92.3 | 92.6 |
| ≥ 900 | 12.3 | 72.3 | 79.2 | 83.5 | 87.1 | 87.7 | 89.8 | 90.7 | 90.8 | 92.2 | 92.2 | 92.5 | 92.7 | 92.7 | 92.7 | 92.9 |
| ≥ 800 | 12.3 | 73.2 | 80.2 | 84.6 | 88.4 | 89.0 | 91.1 | 92.0 | 92.1 | 93.6 | 93.6 | 93.9 | 94.1 | 94.1 | 94.1 | 94.3 |
| ≥ 700 | 12.4 | 73.5 | 80.6 | 85.1 | 88.9 | 89.5 | 91.7 | 92.6 | 92.7 | 94.1 | 94.2 | 94.5 | 94.7 | 94.7 | 94.7 | 94.9 |
| ≥ 600 | 12.4 | 74.0 | 81.2 | 85.8 | 89.8 | 90.4 | 92.7 | 93.6 | 93.7 | 95.1 | 95.1 | 95.5 | 95.7 | 95.7 | 95.7 | 95.9 |
| ≥ 500 | 12.4 | 74.2 | 81.5 | 86.2 | 90.3 | 90.9 | 93.3 | 94.2 | 94.3 | 95.8 | 95.8 | 96.1 | 96.5 | 96.5 | 96.5 | 96.8 |
| ≥ 400 | 12.4 | 74.6 | 81.9 | 86.7 | 90.9 | 91.6 | 94.0 | 95.0 | 95.1 | 96.6 | 96.6 | 97.0 | 97.4 | 97.4 | 97.4 | 97.6 |
| ≥ 300 | 12.4 | 74.7 | 82.0 | 86.8 | 91.1 | 91.8 | 94.3 | 95.3 | 95.4 | 97.2 | 97.2 | 97.7 | 98.1 | 98.1 | 98.1 | 98.6 |
| ≥ 200 | 12.4 | 74.7 | 82.1 | 86.8 | 91.2 | 91.9 | 94.5 | 95.5 | 95.6 | 97.5 | 97.6 | 98.0 | 98.6 | 98.6 | 98.6 | 99.1 |
| ≥ 100 | 12.4 | 74.7 | 82.1 | 86.8 | 91.2 | 91.9 | 94.5 | 95.5 | 95.6 | 97.6 | 97.6 | 98.1 | 98.7 | 98.7 | 98.7 | 99.3 |
| 0 | 12.4 | 74.7 | 82.1 | 86.8 | 91.2 | 91.9 | 94.5 | 95.5 | 95.6 | 97.6 | 97.6 | 98.2 | 98.9 | 98.9 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8127

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHIU-TZE (STATION NAME) 54-65 (YEARS) MAR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (E.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 2.3 | 47.9 | 48.3 | 48.8 | 48.9 | 48.9 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 20000 | 2.3 | 49.0 | 49.4 | 49.9 | 50.0 | 50.0 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| ≥ 18000 | 2.3 | 49.0 | 49.4 | 49.9 | 50.0 | 50.0 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| ≥ 16000 | 2.3 | 49.0 | 49.4 | 49.9 | 50.0 | 50.0 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| ≥ 14000 | 2.3 | 49.1 | 49.5 | 50.0 | 50.0 | 50.0 | 50.2 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 12000 | 2.3 | 49.5 | 50.0 | 50.4 | 50.5 | 50.5 | 50.7 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| ≥ 10000 | 2.5 | 52.4 | 52.8 | 53.3 | 53.4 | 53.4 | 53.5 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 9000 | 2.5 | 52.5 | 52.9 | 53.4 | 53.5 | 53.5 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| ≥ 8000 | 2.7 | 54.0 | 54.5 | 55.0 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 7000 | 2.7 | 55.0 | 55.5 | 56.0 | 56.1 | 56.1 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 6000 | 2.8 | 60.0 | 60.6 | 61.0 | 61.5 | 61.5 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| ≥ 5000 | 3.0 | 68.4 | 69.0 | 69.5 | 70.0 | 70.0 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 4500 | 3.0 | 71.0 | 71.6 | 72.1 | 72.7 | 72.7 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 4000 | 3.1 | 81.4 | 82.2 | 82.8 | 83.4 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 3500 | 3.5 | 84.4 | 85.3 | 85.9 | 86.4 | 86.4 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 3000 | 3.5 | 87.5 | 88.5 | 89.1 | 89.8 | 89.8 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 2500 | 3.5 | 88.3 | 89.3 | 89.9 | 90.9 | 90.9 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 2000 | 3.5 | 89.1 | 90.2 | 90.9 | 92.2 | 92.2 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1800 | 3.5 | 89.1 | 90.2 | 90.9 | 92.2 | 92.2 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1500 | 3.5 | 89.6 | 90.7 | 91.4 | 92.6 | 92.6 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1200 | 3.5 | 90.1 | 91.3 | 92.1 | 93.4 | 93.4 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1000 | 3.5 | 91.3 | 92.5 | 93.4 | 94.6 | 94.6 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 900 | 3.5 | 91.9 | 93.4 | 94.2 | 95.5 | 95.5 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 800 | 3.5 | 92.3 | 94.0 | 95.0 | 96.5 | 96.5 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 700 | 3.5 | 92.5 | 94.2 | 95.2 | 96.8 | 96.8 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 600 | 3.5 | 92.5 | 94.3 | 95.3 | 96.9 | 96.9 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 500 | 3.5 | 92.9 | 95.0 | 96.0 | 97.7 | 97.8 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 |
| ≥ 400 | 3.5 | 93.4 | 95.4 | 96.5 | 98.1 | 98.2 | 98.8 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 |
| ≥ 300 | 3.5 | 93.5 | 95.6 | 96.7 | 98.3 | 98.4 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 3.5 | 93.5 | 95.6 | 96.7 | 98.3 | 98.4 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 3.5 | 93.5 | 95.6 | 96.7 | 98.3 | 98.4 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 3.5 | 93.5 | 95.6 | 96.7 | 98.3 | 98.4 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | .9 | 42.5 | 46.0 | 47.3 | 47.9 | 48.0 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.8 | 48.8 | 48.8 | 48.8 | 48.9 |
| ≥ 20000 | 1.1 | 43.2 | 46.7 | 48.0 | 48.7 | 48.8 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.6 | 49.6 | 49.6 | 49.6 | 49.7 |
| ≥ 18000 | 1.1 | 43.2 | 46.7 | 48.0 | 48.7 | 48.8 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.6 | 49.6 | 49.6 | 49.6 | 49.7 |
| ≥ 16000 | 1.1 | 43.2 | 46.7 | 48.0 | 48.7 | 48.8 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.6 | 49.6 | 49.6 | 49.6 | 49.7 |
| ≥ 14000 | 1.1 | 43.3 | 46.8 | 48.1 | 48.9 | 49.0 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.8 | 49.8 | 49.8 | 49.8 | 49.9 |
| ≥ 12000 | 1.1 | 43.3 | 47.0 | 48.3 | 49.1 | 49.1 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 10000 | 1.1 | 45.2 | 48.8 | 50.1 | 50.9 | 50.9 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 9000 | 1.1 | 45.2 | 48.8 | 50.1 | 50.9 | 50.9 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 8000 | 1.1 | 45.9 | 49.5 | 50.9 | 51.6 | 51.7 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 |
| ≥ 7000 | 1.1 | 46.5 | 50.1 | 51.7 | 52.4 | 52.5 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.5 |
| ≥ 6000 | 1.1 | 50.5 | 54.2 | 55.7 | 56.5 | 56.6 | 57.4 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.9 |
| ≥ 5000 | 1.1 | 57.0 | 60.9 | 62.4 | 63.3 | 63.3 | 64.2 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.6 |
| ≥ 4500 | 1.1 | 60.1 | 64.2 | 65.8 | 66.6 | 66.7 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 68.0 |
| ≥ 4000 | 1.3 | 71.6 | 76.0 | 77.7 | 78.9 | 79.0 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.3 |
| ≥ 3500 | 1.4 | 73.2 | 77.8 | 79.5 | 80.7 | 80.8 | 81.9 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 |
| ≥ 3000 | 1.4 | 76.8 | 81.6 | 83.5 | 84.6 | 84.7 | 85.9 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.4 |
| ≥ 2500 | 1.4 | 77.9 | 82.7 | 84.8 | 86.1 | 86.2 | 87.4 | 87.7 | 87.7 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 |
| ≥ 2000 | 1.4 | 78.6 | 83.6 | 86.0 | 87.7 | 87.8 | 89.1 | 89.3 | 89.3 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 |
| ≥ 1800 | 1.4 | 78.6 | 83.6 | 86.2 | 87.9 | 88.0 | 89.2 | 89.5 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 |
| ≥ 1500 | 1.4 | 79.1 | 84.1 | 86.6 | 88.3 | 88.4 | 89.9 | 90.2 | 90.2 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 |
| ≥ 1200 | 1.4 | 79.9 | 85.4 | 88.0 | 89.7 | 89.8 | 91.3 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 |
| ≥ 1000 | 1.4 | 80.2 | 85.7 | 88.4 | 90.1 | 90.2 | 91.8 | 92.1 | 92.1 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 |
| ≥ 900 | 1.4 | 80.8 | 86.4 | 89.2 | 90.9 | 91.0 | 92.6 | 92.9 | 92.9 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 |
| ≥ 800 | 1.5 | 81.6 | 87.2 | 90.0 | 91.9 | 92.0 | 93.7 | 94.0 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 700 | 1.5 | 81.9 | 87.5 | 90.3 | 92.2 | 92.3 | 94.0 | 94.2 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 |
| ≥ 600 | 1.5 | 82.1 | 87.9 | 90.7 | 92.5 | 92.6 | 94.3 | 94.6 | 94.6 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 |
| ≥ 500 | 1.5 | 82.7 | 88.8 | 91.6 | 93.6 | 93.7 | 95.4 | 95.7 | 95.7 | 96.1 | 96.1 | 96.2 | 96.5 | 96.5 | 96.5 | 96.7 |
| ≥ 400 | 1.5 | 82.9 | 89.1 | 91.9 | 94.0 | 94.1 | 96.3 | 96.7 | 96.7 | 97.3 | 97.3 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 |
| ≥ 300 | 1.5 | 83.6 | 89.9 | 92.7 | 95.1 | 95.1 | 97.6 | 97.9 | 97.9 | 98.6 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.3 |
| ≥ 200 | 1.5 | 83.6 | 89.9 | 92.7 | 95.1 | 95.1 | 97.6 | 97.9 | 97.9 | 98.6 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.6 |
| ≥ 100 | 1.5 | 83.6 | 89.9 | 92.7 | 95.1 | 95.1 | 97.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 99.1 | 99.2 | 99.2 | 99.7 |
| ≥ 0 | 1.5 | 83.6 | 89.9 | 92.7 | 95.1 | 95.1 | 97.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 99.2 | 99.3 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | MAR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | .1 | 8.8 | 15.0 | 19.2 | 25.0 | 27.1 | 32.1 | 34.4 | 34.5 | 37.1 | 37.1 | 37.3 | 37.7 | 37.7 | 37.7 | 37.9 |
| ≥ 20000 | .1 | 9.2 | 15.7 | 20.5 | 26.5 | 28.6 | 33.9 | 36.2 | 36.3 | 39.1 | 39.1 | 39.4 | 39.8 | 39.8 | 39.8 | 40.1 |
| ≥ 18000 | .1 | 9.3 | 15.8 | 20.6 | 26.6 | 28.7 | 34.0 | 36.2 | 36.4 | 39.2 | 39.2 | 39.5 | 39.9 | 39.9 | 39.9 | 40.2 |
| ≥ 16000 | .1 | 9.3 | 15.8 | 20.8 | 26.8 | 28.9 | 34.3 | 36.5 | 36.7 | 39.5 | 39.5 | 39.7 | 40.2 | 40.2 | 40.2 | 40.5 |
| ≥ 14000 | .1 | 9.3 | 15.8 | 20.8 | 26.9 | 29.0 | 34.4 | 36.6 | 36.8 | 39.6 | 39.6 | 39.8 | 40.3 | 40.3 | 40.3 | 40.6 |
| ≥ 12000 | .1 | 9.5 | 16.1 | 21.2 | 27.4 | 29.5 | 35.5 | 37.8 | 38.0 | 40.8 | 40.8 | 41.1 | 41.5 | 41.5 | 41.5 | 41.8 |
| ≥ 10000 | .1 | 11.2 | 18.7 | 24.6 | 31.3 | 33.8 | 41.2 | 43.9 | 44.2 | 48.0 | 48.0 | 48.4 | 48.9 | 48.9 | 48.9 | 49.2 |
| ≥ 9000 | .1 | 11.2 | 18.7 | 24.6 | 31.3 | 33.8 | 41.2 | 43.9 | 44.2 | 48.1 | 48.1 | 48.6 | 49.1 | 49.1 | 49.1 | 49.4 |
| ≥ 8000 | .1 | 11.8 | 19.5 | 26.1 | 33.3 | 35.9 | 44.0 | 46.9 | 47.2 | 51.6 | 51.6 | 52.1 | 52.6 | 52.6 | 52.6 | 52.9 |
| ≥ 7000 | .1 | 11.9 | 19.8 | 26.5 | 33.8 | 36.4 | 44.5 | 47.5 | 47.8 | 52.2 | 52.2 | 52.6 | 53.1 | 53.1 | 53.1 | 53.4 |
| ≥ 6000 | .1 | 13.0 | 21.9 | 28.9 | 36.4 | 39.2 | 47.8 | 50.9 | 51.2 | 55.8 | 55.8 | 56.3 | 56.9 | 56.9 | 56.9 | 57.2 |
| ≥ 5000 | .1 | 15.6 | 25.1 | 32.6 | 40.6 | 43.3 | 52.7 | 55.9 | 56.2 | 61.1 | 61.1 | 61.6 | 62.2 | 62.2 | 62.2 | 62.5 |
| ≥ 4500 | .1 | 16.6 | 26.2 | 33.7 | 41.9 | 44.7 | 54.3 | 57.6 | 57.9 | 62.8 | 62.8 | 63.3 | 63.9 | 63.9 | 63.9 | 64.2 |
| ≥ 4000 | .1 | 20.6 | 32.3 | 40.9 | 49.8 | 52.8 | 63.2 | 66.7 | 67.0 | 72.4 | 72.4 | 72.9 | 73.6 | 73.6 | 73.6 | 73.9 |
| ≥ 3500 | .1 | 21.7 | 34.2 | 43.0 | 52.2 | 55.1 | 66.0 | 69.9 | 70.1 | 75.5 | 75.5 | 76.2 | 76.8 | 76.8 | 76.8 | 77.2 |
| ≥ 3000 | .1 | 23.7 | 36.9 | 46.2 | 55.9 | 58.9 | 70.1 | 73.9 | 74.2 | 79.9 | 79.9 | 80.8 | 81.6 | 81.6 | 81.6 | 81.9 |
| ≥ 2500 | .1 | 24.4 | 37.8 | 47.6 | 57.4 | 60.3 | 71.5 | 75.4 | 75.6 | 81.6 | 81.6 | 82.6 | 83.3 | 83.3 | 83.3 | 83.6 |
| ≥ 2000 | .1 | 25.2 | 38.7 | 48.7 | 58.6 | 61.6 | 72.8 | 77.0 | 77.2 | 83.2 | 83.2 | 84.2 | 85.0 | 85.0 | 85.0 | 85.3 |
| ≥ 1800 | .1 | 25.7 | 38.7 | 48.7 | 58.8 | 61.8 | 73.1 | 77.2 | 77.5 | 83.5 | 83.5 | 84.4 | 85.3 | 85.3 | 85.3 | 85.6 |
| ≥ 1500 | .1 | 25.8 | 39.5 | 49.6 | 59.8 | 62.8 | 74.6 | 78.7 | 79.0 | 85.2 | 85.2 | 86.3 | 87.1 | 87.1 | 87.1 | 87.5 |
| ≥ 1200 | .1 | 26.2 | 40.1 | 50.4 | 60.6 | 63.8 | 75.9 | 80.0 | 80.3 | 86.7 | 86.7 | 87.9 | 88.7 | 88.7 | 88.7 | 89.0 |
| ≥ 1000 | .1 | 26.3 | 40.4 | 50.8 | 61.0 | 64.1 | 76.4 | 80.6 | 80.8 | 87.6 | 87.6 | 88.8 | 89.6 | 89.6 | 89.6 | 89.9 |
| ≥ 900 | .1 | 26.4 | 40.5 | 50.9 | 61.1 | 64.2 | 76.5 | 80.7 | 80.9 | 87.7 | 87.7 | 88.8 | 89.7 | 89.7 | 89.7 | 90.1 |
| ≥ 800 | .1 | 26.6 | 40.7 | 51.5 | 61.8 | 64.9 | 77.2 | 81.4 | 81.7 | 88.6 | 88.6 | 89.7 | 90.7 | 90.7 | 90.7 | 91.1 |
| ≥ 700 | .1 | 26.7 | 40.8 | 51.6 | 62.0 | 65.1 | 77.4 | 81.6 | 81.8 | 88.8 | 88.8 | 89.9 | 90.9 | 90.9 | 90.9 | 91.3 |
| ≥ 600 | .1 | 26.8 | 41.0 | 51.8 | 62.2 | 65.5 | 77.9 | 82.1 | 82.4 | 89.8 | 89.8 | 91.1 | 92.3 | 92.3 | 92.3 | 92.6 |
| ≥ 500 | .1 | 27.1 | 41.3 | 52.3 | 63.2 | 66.5 | 79.2 | 83.6 | 83.9 | 91.9 | 91.9 | 93.2 | 94.7 | 94.7 | 94.7 | 95.1 |
| ≥ 400 | .1 | 27.3 | 41.5 | 52.6 | 63.6 | 66.8 | 79.7 | 84.3 | 84.5 | 92.7 | 92.7 | 94.2 | 95.9 | 96.0 | 96.0 | 96.4 |
| ≥ 300 | .1 | 27.5 | 41.9 | 53.1 | 64.1 | 67.4 | 80.3 | 84.9 | 85.2 | 93.5 | 93.5 | 95.1 | 96.9 | 96.9 | 96.9 | 97.4 |
| ≥ 200 | .1 | 27.6 | 41.9 | 53.2 | 64.2 | 67.4 | 80.4 | 85.0 | 85.3 | 94.1 | 94.1 | 95.6 | 97.4 | 97.6 | 97.6 | 98.4 |
| ≥ 100 | .1 | 27.6 | 41.9 | 53.2 | 64.2 | 67.4 | 80.4 | 85.0 | 85.3 | 94.1 | 94.1 | 95.6 | 97.4 | 97.6 | 97.6 | 98.4 |
| ≥ 0 | .1 | 27.6 | 41.9 | 53.2 | 64.2 | 67.4 | 80.4 | 85.0 | 85.3 | 94.2 | 94.2 | 95.7 | 96.4 | 98.6 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1112

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAR (MONTH)

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

0900-1100 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 6.8 | 31.4 | 37.7 | 42.5 | 45.6 | 46.5 | 48.3 | 49.0 | 49.1 | 49.8 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| ≥ 20000 | 7.8 | 33.7 | 40.2 | 45.2 | 48.3 | 49.2 | 51.3 | 51.9 | 52.0 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 18000 | 7.8 | 33.7 | 40.2 | 45.2 | 48.3 | 49.2 | 51.3 | 51.9 | 52.0 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 16000 | 7.9 | 33.9 | 40.3 | 45.5 | 48.6 | 49.5 | 51.6 | 52.2 | 52.3 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| ≥ 14000 | 8.2 | 34.2 | 40.7 | 45.9 | 49.1 | 50.0 | 52.1 | 52.7 | 52.8 | 53.5 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 12000 | 8.4 | 35.2 | 41.8 | 47.6 | 50.9 | 51.9 | 54.1 | 54.8 | 54.9 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| ≥ 10000 | 8.9 | 39.6 | 47.2 | 53.6 | 57.5 | 58.9 | 61.4 | 62.2 | 62.4 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 9000 | 8.9 | 39.7 | 47.3 | 53.9 | 57.8 | 59.2 | 61.6 | 62.4 | 62.6 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 8000 | 9.1 | 42.3 | 50.9 | 58.1 | 62.3 | 63.7 | 66.4 | 67.4 | 67.6 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 7000 | 9.2 | 43.0 | 51.8 | 59.2 | 63.3 | 65.0 | 67.7 | 68.7 | 68.9 | 69.9 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 6000 | 9.3 | 45.7 | 55.4 | 63.4 | 68.0 | 69.7 | 72.6 | 73.6 | 73.8 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 5000 | 9.4 | 48.1 | 58.3 | 66.6 | 71.2 | 73.0 | 76.0 | 77.0 | 77.2 | 78.3 | 78.3 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 4500 | 9.4 | 48.3 | 58.8 | 67.0 | 71.9 | 73.6 | 76.6 | 77.6 | 77.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 4000 | 9.6 | 51.1 | 62.0 | 71.3 | 76.6 | 78.5 | 81.9 | 83.0 | 83.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 3500 | 9.6 | 51.3 | 63.4 | 72.1 | 77.4 | 79.4 | 82.9 | 84.1 | 84.3 | 85.3 | 85.6 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 3000 | 9.6 | 52.3 | 64.8 | 73.5 | 78.9 | 81.0 | 84.7 | 86.1 | 86.3 | 87.6 | 87.7 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 2500 | 10.2 | 54.4 | 66.8 | 75.9 | 81.9 | 84.0 | 87.7 | 89.1 | 89.3 | 90.7 | 90.7 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 2000 | 10.3 | 55.6 | 68.2 | 77.5 | 83.6 | 85.8 | 89.6 | 91.0 | 91.2 | 92.5 | 92.6 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1800 | 10.5 | 55.6 | 68.2 | 77.5 | 83.6 | 85.9 | 89.3 | 91.2 | 91.4 | 92.8 | 92.9 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1500 | 10.5 | 56.0 | 68.6 | 78.2 | 84.5 | 86.7 | 90.6 | 92.0 | 92.2 | 93.8 | 93.9 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1200 | 10.5 | 56.3 | 69.1 | 78.7 | 85.0 | 87.2 | 91.1 | 92.5 | 92.7 | 94.5 | 94.6 | 94.7 | 94.9 | 94.9 | 94.9 | 95.0 |
| ≥ 1000 | 10.5 | 56.5 | 69.3 | 79.1 | 85.5 | 87.8 | 91.8 | 93.5 | 93.7 | 95.5 | 95.6 | 95.8 | 96.0 | 96.0 | 96.0 | 96.1 |
| ≥ 900 | 10.5 | 56.7 | 69.5 | 79.3 | 85.8 | 88.1 | 92.1 | 93.8 | 94.0 | 95.8 | 95.9 | 96.3 | 96.6 | 96.6 | 96.6 | 96.7 |
| ≥ 800 | 10.5 | 56.8 | 69.5 | 79.5 | 86.0 | 88.2 | 92.3 | 94.0 | 94.2 | 96.2 | 96.3 | 96.5 | 97.0 | 97.0 | 97.0 | 97.1 |
| ≥ 700 | 10.5 | 57.0 | 69.7 | 79.8 | 86.3 | 88.5 | 92.7 | 94.3 | 94.7 | 96.8 | 96.9 | 97.3 | 97.6 | 97.6 | 97.6 | 97.7 |
| ≥ 600 | 10.5 | 57.1 | 69.8 | 79.9 | 86.4 | 88.7 | 92.9 | 94.7 | 94.9 | 97.0 | 97.1 | 97.6 | 97.8 | 97.8 | 97.8 | 97.9 |
| ≥ 500 | 10.5 | 57.1 | 69.9 | 80.1 | 86.6 | 88.9 | 93.2 | 95.1 | 95.2 | 97.7 | 97.8 | 98.2 | 98.6 | 98.6 | 98.6 | 98.7 |
| ≥ 400 | 10.6 | 57.3 | 70.2 | 80.3 | 87.0 | 89.2 | 93.5 | 95.5 | 95.7 | 98.2 | 98.3 | 98.7 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 300 | 10.6 | 57.3 | 70.2 | 80.3 | 87.0 | 89.2 | 93.6 | 95.6 | 95.8 | 98.3 | 98.4 | 98.8 | 99.3 | 99.3 | 99.3 | 99.4 |
| ≥ 200 | 10.6 | 57.3 | 70.2 | 80.3 | 87.0 | 89.2 | 93.6 | 95.6 | 95.8 | 98.6 | 98.7 | 99.1 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 100 | 10.6 | 57.3 | 70.2 | 80.3 | 87.0 | 89.2 | 93.6 | 95.6 | 95.8 | 98.6 | 98.7 | 99.1 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 0 | 10.6 | 57.3 | 70.2 | 80.3 | 87.0 | 89.2 | 93.6 | 95.6 | 95.8 | 98.6 | 98.7 | 99.1 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | AR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 22.0 | 51.7 | 53.1 | 54.3 | 54.9 | 55.1 | 55.7 | 55.8 | 55.8 | 55.9 | 55.9 | 56.0 | 56.2 | 56.2 | 56.2 | 56.2 |
| ≥ 20000 | 24.2 | 56.1 | 57.8 | 59.0 | 59.7 | 59.8 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.7 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 18000 | 24.3 | 56.2 | 58.0 | 59.2 | 59.8 | 60.0 | 60.6 | 60.7 | 60.7 | 60.8 | 60.8 | 60.9 | 61.1 | 61.1 | 61.1 | 61.1 |
| ≥ 16000 | 24.3 | 56.6 | 58.3 | 59.6 | 60.2 | 60.4 | 61.0 | 61.1 | 61.1 | 61.2 | 61.2 | 61.3 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 14000 | 24.9 | 57.3 | 59.1 | 60.4 | 61.0 | 61.2 | 61.8 | 61.9 | 61.9 | 62.0 | 62.0 | 62.1 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 12000 | 25.3 | 58.7 | 60.7 | 62.0 | 62.6 | 62.9 | 63.6 | 63.7 | 63.7 | 63.8 | 63.8 | 63.9 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 10000 | 27.0 | 66.2 | 69.0 | 70.7 | 71.5 | 71.8 | 72.5 | 72.6 | 72.6 | 72.7 | 72.7 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 9000 | 27.0 | 66.3 | 69.1 | 70.8 | 71.6 | 71.9 | 72.6 | 72.7 | 72.7 | 72.8 | 72.8 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 8000 | 27.7 | 69.4 | 73.0 | 74.9 | 75.7 | 76.0 | 76.7 | 76.8 | 76.8 | 76.9 | 76.9 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 7000 | 27.8 | 70.4 | 74.0 | 76.1 | 76.9 | 77.2 | 77.9 | 78.0 | 78.0 | 78.1 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 6000 | 28.1 | 73.9 | 78.6 | 80.9 | 81.8 | 82.1 | 82.9 | 83.0 | 83.0 | 83.2 | 83.2 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 5000 | 28.4 | 76.3 | 81.7 | 84.1 | 85.3 | 85.6 | 86.5 | 86.6 | 86.6 | 86.8 | 86.8 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 4500 | 28.4 | 76.4 | 81.9 | 84.4 | 85.5 | 85.9 | 86.8 | 86.9 | 86.9 | 87.1 | 87.1 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 4000 | 28.6 | 77.6 | 83.7 | 86.3 | 87.7 | 88.1 | 89.0 | 89.1 | 89.1 | 89.3 | 89.3 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 3500 | 28.6 | 78.4 | 84.9 | 87.3 | 89.1 | 89.5 | 90.5 | 90.7 | 90.7 | 90.8 | 90.8 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 3000 | 28.6 | 78.8 | 85.3 | 88.1 | 90.4 | 90.7 | 91.8 | 92.1 | 92.1 | 92.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 2500 | 29.7 | 81.1 | 87.6 | 90.4 | 93.0 | 93.4 | 94.6 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 2000 | 30.2 | 81.9 | 88.7 | 91.5 | 94.1 | 94.4 | 95.8 | 96.0 | 96.0 | 96.3 | 96.3 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1800 | 30.2 | 82.0 | 88.8 | 91.6 | 94.2 | 94.6 | 96.0 | 96.2 | 96.2 | 96.5 | 96.5 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1500 | 30.3 | 82.4 | 89.3 | 92.5 | 95.3 | 95.7 | 97.0 | 97.3 | 97.3 | 97.6 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1200 | 30.3 | 82.7 | 89.8 | 93.0 | 96.0 | 96.4 | 97.8 | 98.0 | 98.0 | 98.3 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1000 | 30.3 | 82.8 | 89.8 | 93.2 | 96.2 | 96.6 | 97.9 | 98.2 | 98.2 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 900 | 30.3 | 82.8 | 89.8 | 93.2 | 96.3 | 96.6 | 97.9 | 98.2 | 98.2 | 98.7 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 30.3 | 82.8 | 89.8 | 93.2 | 96.5 | 96.9 | 98.2 | 98.5 | 98.5 | 98.9 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 30.3 | 82.9 | 89.9 | 93.3 | 96.6 | 96.9 | 98.4 | 98.7 | 98.7 | 99.1 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 30.3 | 82.9 | 89.9 | 93.3 | 96.6 | 96.9 | 98.4 | 98.7 | 98.7 | 99.1 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 30.3 | 82.9 | 89.9 | 93.4 | 96.9 | 97.2 | 98.7 | 99.0 | 99.0 | 99.5 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 30.3 | 82.9 | 89.9 | 93.4 | 96.9 | 97.3 | 98.7 | 99.1 | 99.1 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 30.3 | 82.9 | 89.9 | 93.4 | 96.9 | 97.3 | 98.7 | 99.1 | 99.1 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 30.3 | 82.9 | 89.9 | 93.4 | 96.9 | 97.3 | 98.7 | 99.1 | 99.1 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 30.3 | 82.9 | 89.9 | 93.4 | 96.9 | 97.3 | 98.7 | 99.1 | 99.1 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 30.3 | 82.9 | 89.9 | 93.4 | 96.9 | 97.3 | 98.7 | 99.1 | 99.1 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZU (STATION NAME) 54-66 (YEARS) MAR (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.2 | 47.3 | 50.3 | 51.8 | 52.9 | 53.8 | 55.0 | 55.5 | 55.5 | 55.8 | 55.8 | 56.0 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 20000 | 23.0 | 51.4 | 54.4 | 56.2 | 57.3 | 58.2 | 59.4 | 59.9 | 59.9 | 60.3 | 60.3 | 60.5 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 18000 | 23.0 | 51.4 | 54.4 | 56.2 | 57.3 | 58.2 | 59.4 | 59.9 | 59.9 | 60.4 | 60.4 | 60.6 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 16000 | 23.0 | 51.6 | 54.6 | 56.3 | 57.5 | 58.4 | 59.6 | 60.1 | 60.1 | 60.6 | 60.6 | 60.7 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 14000 | 23.1 | 51.9 | 55.0 | 56.7 | 58.0 | 58.8 | 60.1 | 60.6 | 60.6 | 61.1 | 61.1 | 61.3 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 12000 | 23.4 | 52.7 | 55.9 | 57.6 | 58.8 | 59.7 | 61.0 | 61.5 | 61.5 | 62.0 | 62.0 | 62.2 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 10000 | 25.2 | 59.1 | 62.8 | 65.0 | 66.5 | 67.4 | 68.7 | 69.5 | 69.5 | 70.0 | 70.0 | 70.2 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 9000 | 25.2 | 59.1 | 62.9 | 65.0 | 66.6 | 67.5 | 68.8 | 69.5 | 69.5 | 70.2 | 70.2 | 70.4 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 8000 | 26.3 | 62.2 | 66.5 | 68.6 | 70.2 | 71.1 | 72.4 | 73.2 | 73.2 | 73.9 | 73.9 | 74.0 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 7000 | 26.5 | 63.6 | 68.1 | 70.3 | 71.8 | 72.7 | 74.0 | 74.8 | 7 8 | 75.6 | 75.6 | 75.7 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 6000 | 27.4 | 67.7 | 72.6 | 74.8 | 76.6 | 77.5 | 79.1 | 79.9 | 79.9 | 80.6 | 80.6 | 80.8 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 5000 | 28.3 | 70.9 | 76.4 | 79.0 | 81.3 | 82.4 | 84.1 | 85.0 | 85.0 | 85.7 | 85.7 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 4500 | 28.5 | 71.7 | 77.3 | 80.0 | 82.3 | 83.4 | 85.1 | 86.0 | 86.0 | 86.7 | 86.7 | 86.9 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 4000 | 28.9 | 74.2 | 80.3 | 83.3 | 85.7 | 86.9 | 88.9 | 89.8 | 89.8 | 90.7 | 90.7 | 90.8 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 3500 | 28.9 | 74.7 | 80.9 | 83.9 | 86.6 | 87.8 | 89.8 | 90.7 | 90.7 | 91.6 | 91.6 | 91.7 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 3000 | 29.1 | 75.6 | 82.1 | 85.4 | 88.1 | 89.3 | 91.3 | 92.3 | 92.3 | 93.1 | 93.1 | 93.3 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 2500 | 30.2 | 77.4 | 84.1 | 87.4 | 90.3 | 91.5 | 93.4 | 94.6 | 94.6 | 95.4 | 95.4 | 95.6 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 2000 | 30.4 | 77.8 | 84.5 | 88.0 | 90.9 | 92.1 | 94.1 | 95.2 | 95.2 | 96.0 | 96.0 | 96.2 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1800 | 30.4 | 77.8 | 84.5 | 88.0 | 90.9 | 92.1 | 94.1 | 95.2 | 95.2 | 96.0 | 96.0 | 96.2 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1500 | 30.4 | 78.1 | 85.0 | 88.5 | 91.5 | 92.6 | 94.6 | 95.9 | 95.9 | 96.7 | 96.7 | 96.9 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1200 | 30.5 | 78.6 | 85.5 | 89.0 | 92.1 | 93.3 | 95.2 | 96.5 | 96.5 | 97.3 | 97.3 | 97.5 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | 30.6 | 78.7 | 85.6 | 89.1 | 92.2 | 93.4 | 95.4 | 96.7 | 96.7 | 97.5 | 97.5 | 97.7 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 900 | 30.7 | 78.8 | 85.7 | 89.2 | 92.3 | 93.4 | 95.5 | 96.8 | 96.8 | 97.6 | 97.6 | 97.8 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 30.7 | 78.8 | 85.8 | 89.2 | 92.5 | 93.7 | 95.8 | 97.0 | 97.0 | 97.8 | 97.8 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 30.7 | 78.8 | 85.8 | 89.5 | 92.8 | 94.0 | 96.0 | 97.3 | 97.3 | 98.1 | 98.1 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 30.7 | 78.8 | 85.8 | 89.5 | 93.0 | 94.2 | 96.2 | 97.5 | 97.5 | 98.3 | 98.3 | 98.5 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 30.7 | 79.1 | 86.1 | 89.8 | 93.4 | 94.6 | 96.8 | 98.0 | 98.0 | 98.8 | 98.8 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 30.7 | 79.1 | 86.1 | 89.8 | 93.4 | 94.6 | 96.9 | 98.1 | 98.1 | 98.9 | 98.9 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 30.7 | 79.1 | 86.1 | 89.8 | 93.4 | 94.6 | 96.9 | 98.1 | 98.1 | 98.9 | 98.9 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 30.7 | 79.1 | 86.1 | 89.8 | 93.4 | 94.6 | 96.9 | 98.1 | 98.1 | 98.9 | 98.9 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 30.7 | 79.1 | 86.1 | 89.8 | 93.4 | 94.6 | 96.9 | 98.1 | 98.1 | 98.9 | 98.9 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 30.7 | 79.1 | 86.1 | 89.8 | 93.4 | 94.6 | 96.9 | 98.1 | 98.1 | 98.9 | 98.9 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

33747

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAR (MONTH)

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

1800-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 9.8 | 42.8 | 43.8 | 44.5 | 45.3 | 45.5 | 46.2 | 46.2 | 46.2 | 46.5 | 46.5 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 |
| ≥ 20000 | 10.9 | 45.6 | 46.5 | 47.5 | 48.3 | 48.5 | 49.1 | 49.2 | 49.2 | 49.5 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 18000 | 10.9 | 45.6 | 46.6 | 47.6 | 48.4 | 48.6 | 49.1 | 49.3 | 49.3 | 49.6 | 49.6 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 16000 | 10.9 | 45.8 | 46.8 | 47.8 | 48.6 | 48.8 | 49.4 | 49.5 | 49.6 | 50.0 | 50.0 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| ≥ 14000 | 11.1 | 46.2 | 47.2 | 48.2 | 49.1 | 49.2 | 49.9 | 50.0 | 50.0 | 50.5 | 50.5 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| ≥ 12000 | 11.1 | 46.7 | 47.7 | 48.7 | 49.6 | 49.0 | 50.5 | 50.7 | 50.7 | 51.1 | 51.1 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 10000 | 11.5 | 51.2 | 52.7 | 53.7 | 55.0 | 55.3 | 56.2 | 56.6 | 56.6 | 57.1 | 57.1 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 9000 | 11.5 | 51.4 | 52.8 | 53.9 | 55.3 | 55.5 | 56.5 | 56.9 | 56.9 | 57.4 | 57.4 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 8000 | 11.7 | 55.2 | 56.8 | 57.9 | 59.3 | 59.6 | 60.6 | 61.0 | 61.1 | 61.6 | 61.6 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 7000 | 11.9 | 55.9 | 57.5 | 58.6 | 60.0 | 60.3 | 61.5 | 61.8 | 61.9 | 62.4 | 62.4 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 6000 | 12.5 | 61.1 | 62.9 | 64.3 | 66.3 | 66.6 | 67.7 | 68.1 | 68.2 | 68.8 | 68.8 | 69.4 | 69.4 | 69.4 | 69.4 | 69.6 |
| ≥ 5000 | 12.8 | 67.2 | 69.5 | 71.2 | 73.9 | 73.9 | 75.6 | 75.9 | 76.0 | 76.6 | 76.6 | 77.2 | 77.2 | 77.2 | 77.2 | 77.4 |
| ≥ 4500 | 12.8 | 69.0 | 71.3 | 73.0 | 75.4 | 75.8 | 77.4 | 77.9 | 78.0 | 78.6 | 78.6 | 79.2 | 79.2 | 79.2 | 79.2 | 79.4 |
| ≥ 4000 | 13.3 | 74.9 | 78.1 | 80.1 | 82.9 | 83.5 | 85.3 | 85.7 | 85.8 | 86.5 | 86.5 | 87.1 | 87.2 | 87.2 | 87.2 | 87.4 |
| ≥ 3500 | 13.5 | 77.6 | 80.8 | 83.0 | 85.9 | 86.4 | 88.6 | 89.0 | 89.1 | 89.8 | 89.8 | 90.4 | 90.5 | 90.5 | 90.5 | 90.7 |
| ≥ 3000 | 13.7 | 79.9 | 83.1 | 85.4 | 88.3 | 88.9 | 91.0 | 91.5 | 91.6 | 92.3 | 92.3 | 92.8 | 93.0 | 93.0 | 93.0 | 93.3 |
| ≥ 2500 | 14.0 | 81.2 | 84.5 | 87.2 | 90.1 | 90.7 | 92.9 | 93.4 | 93.4 | 94.2 | 94.2 | 94.8 | 95.0 | 95.0 | 95.0 | 95.2 |
| ≥ 2000 | 14.0 | 81.7 | 85.1 | 87.7 | 90.7 | 91.2 | 93.4 | 93.9 | 94.0 | 94.8 | 94.8 | 95.3 | 95.5 | 95.5 | 95.5 | 95.8 |
| ≥ 1800 | 14.1 | 81.9 | 85.3 | 87.9 | 90.8 | 91.4 | 93.8 | 94.2 | 94.3 | 95.1 | 95.1 | 95.7 | 95.9 | 95.9 | 95.9 | 96.1 |
| ≥ 1500 | 14.1 | 82.2 | 85.7 | 88.4 | 91.5 | 92.0 | 94.4 | 94.9 | 95.0 | 95.8 | 95.8 | 96.4 | 96.6 | 96.6 | 96.6 | 96.9 |
| ≥ 1200 | 14.1 | 82.4 | 85.9 | 88.6 | 91.7 | 92.3 | 94.7 | 95.1 | 95.2 | 96.0 | 96.0 | 96.7 | 96.9 | 96.9 | 96.9 | 97.1 |
| ≥ 1000 | 14.1 | 82.6 | 86.1 | 88.8 | 91.9 | 92.5 | 95.0 | 95.4 | 95.5 | 96.3 | 96.3 | 96.9 | 97.1 | 97.1 | 97.1 | 97.4 |
| ≥ 900 | 14.1 | 82.7 | 86.2 | 88.9 | 92.0 | 92.5 | 95.1 | 95.5 | 95.6 | 96.4 | 96.4 | 97.0 | 97.2 | 97.2 | 97.2 | 97.5 |
| ≥ 800 | 14.1 | 82.9 | 86.4 | 89.1 | 92.3 | 92.8 | 95.3 | 95.8 | 95.9 | 96.7 | 96.7 | 97.3 | 97.5 | 97.5 | 97.5 | 97.8 |
| ≥ 700 | 14.3 | 83.2 | 86.7 | 89.5 | 92.6 | 93.2 | 95.8 | 96.2 | 96.3 | 97.1 | 97.1 | 97.8 | 97.9 | 97.9 | 97.9 | 98.2 |
| ≥ 600 | 14.3 | 83.2 | 86.8 | 89.6 | 92.9 | 93.4 | 96.4 | 96.9 | 96.9 | 97.6 | 97.8 | 98.5 | 98.7 | 98.7 | 98.7 | 98.9 |
| ≥ 500 | 14.3 | 83.4 | 87.0 | 89.8 | 93.2 | 93.7 | 96.8 | 97.2 | 97.3 | 98.4 | 98.4 | 99.0 | 99.2 | 99.2 | 99.2 | 99.5 |
| ≥ 400 | 14.3 | 83.6 | 87.2 | 90.0 | 93.4 | 93.9 | 96.9 | 97.4 | 97.5 | 98.6 | 98.6 | 99.2 | 99.6 | 99.6 | 99.6 | 99.8 |
| ≥ 300 | 14.3 | 83.6 | 87.2 | 90.0 | 93.4 | 93.9 | 97.0 | 97.5 | 97.6 | 98.7 | 98.7 | 99.3 | 99.6 | 99.6 | 99.6 | 99.9 |
| ≥ 200 | 14.3 | 83.6 | 87.2 | 90.1 | 93.4 | 94.0 | 97.1 | 97.6 | 97.7 | 98.7 | 98.7 | 99.4 | 99.7 | 99.7 | 99.7 | 100.0 |
| ≥ 100 | 14.3 | 83.6 | 87.2 | 90.1 | 93.4 | 94.0 | 97.1 | 97.6 | 97.7 | 98.7 | 98.7 | 99.4 | 99.7 | 99.7 | 99.7 | 100.0 |
| ≥ 0 | 14.3 | 83.6 | 87.2 | 90.1 | 93.4 | 94.0 | 97.1 | 97.6 | 97.7 | 98.7 | 98.7 | 99.4 | 99.7 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING FORMS

35783

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAR (MONTH)

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

2100-2300 (HOURS (L.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 5.9 | 46.6 | 47.0 | 47.3 | 47.9 | 47.9 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| ≥ 20000 | 5.9 | 46.1 | 48.4 | 48.7 | 49.3 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| ≥ 18000 | 5.9 | 48.1 | 48.4 | 48.7 | 49.3 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| ≥ 16000 | 5.9 | 48.2 | 48.6 | 48.9 | 49.5 | 49.5 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 14000 | 5.9 | 48.3 | 48.7 | 49.0 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 12000 | 5.9 | 48.7 | 49.1 | 49.3 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 10000 | 6.3 | 51.7 | 52.1 | 52.5 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 9000 | 6.3 | 51.8 | 52.2 | 52.6 | 53.2 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 8000 | 6.3 | 54.8 | 55.4 | 55.8 | 56.4 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 7000 | 6.3 | 56.1 | 56.7 | 57.1 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 6000 | 6.7 | 61.8 | 62.4 | 63.1 | 63.9 | 64.0 | 64.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 5000 | 7.2 | 70.0 | 70.9 | 71.7 | 72.5 | 72.7 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 4500 | 7.4 | 73.3 | 74.2 | 75.1 | 75.9 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 4000 | 7.6 | 82.8 | 84.1 | 85.0 | 85.9 | 86.1 | 86.3 | 86.3 | 86.3 | 86.5 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 3500 | 7.8 | 86.7 | 88.0 | 88.9 | 89.8 | 89.9 | 90.5 | 90.5 | 90.5 | 90.7 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 3000 | 7.8 | 89.3 | 90.8 | 91.9 | 92.9 | 93.1 | 93.4 | 93.6 | 93.6 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 2500 | 7.9 | 90.0 | 91.7 | 92.8 | 94.2 | 94.3 | 94.9 | 94.9 | 94.9 | 95.2 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 2000 | 7.9 | 90.6 | 92.3 | 93.4 | 94.7 | 94.[illegible] | 95.4 | 95.4 | 95.4 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1800 | 7.9 | 90.6 | 92.3 | 93.4 | 94.7 | 94.[illegible] | 95.4 | 95.4 | 95.4 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1500 | 7.9 | 91.0 | 92.7 | 93.8 | 95.1 | 95.3 | 95.9 | 95.9 | 95.9 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1200 | 7.9 | 91.4 | 93.1 | 94.2 | 95.7 | 95.9 | 96.4 | 96.4 | 96.4 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1000 | 7.9 | 91.8 | 93.6 | 94.8 | 96.3 | 96.5 | 97.0 | 97.0 | 97.0 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 900 | 7.9 | 91.9 | 93.7 | 94.9 | 96.4 | 96.6 | 97.1 | 97.1 | 97.1 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 800 | 7.9 | 92.5 | 94.3 | 95.7 | 97.3 | 97.5 | 98.1 | 98.1 | 98.1 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 7.9 | 92.7 | 94.5 | 96.0 | 97.7 | 97.8 | 98.6 | 98.6 | 98.6 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 7.9 | 92.9 | 94.8 | 96.3 | 97.9 | 98.1 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 7.9 | 93.0 | 94.9 | 96.4 | 98.0 | 98.2 | 99.2 | 99.2 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 7.9 | 93.2 | 95.1 | 96.6 | 98.2 | 98.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 7.9 | 93.2 | 95.1 | 96.6 | 98.2 | 98.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 7.9 | 93.3 | 95.1 | 96.7 | 98.3 | 98.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 7.9 | 93.3 | 95.1 | 96.7 | 98.3 | 98.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 7.9 | 93.3 | 95.1 | 96.7 | 98.3 | 98.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JAN (MONTH)

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

ALL (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 8.0 | 39.9 | 42.7 | 44.5 | 46.0 | 46.6 | 47.9 | 48.3 | 48.4 | 48.8 | 48.9 | 49.0 | 49.1 | 49.1 | 49.1 | 49.2 |
| ≥ 20000 | 9.4 | 42.0 | 44.9 | 46.9 | 48.5 | 49.1 | 50.4 | 50.9 | 50.9 | 51.4 | 51.4 | 51.6 | 51.7 | 51.7 | 51.7 | 51.8 |
| ≥ 18000 | 9.4 | 42.1 | 45.0 | 46.9 | 48.6 | 49.1 | 50.4 | 50.9 | 50.9 | 51.5 | 51.5 | 51.6 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 16000 | 9.4 | 42.2 | 45.1 | 47.1 | 48.7 | 49.3 | 50.6 | 51.1 | 51.1 | 51.7 | 51.7 | 51.8 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 14000 | 9.6 | 42.5 | 45.4 | 47.4 | 49.1 | 49.6 | 51.0 | 51.5 | 51.5 | 52.0 | 52.1 | 52.2 | 52.3 | 52.3 | 52.3 | 52.4 |
| ≥ 12000 | 9.7 | 43.1 | 46.0 | 48.2 | 49.9 | 50.4 | 51.9 | 52.4 | 52.4 | 53.0 | 53.0 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 10000 | 10.3 | 47.1 | 50.5 | 52.9 | 54.9 | 55.6 | 57.3 | 57.9 | 58.0 | 58.7 | 58.7 | 58.8 | 59.0 | 59.0 | 59.0 | 59.0 |
| ≥ 9000 | 10.3 | 47.2 | 50.6 | 53.0 | 55.0 | 55.7 | 57.4 | 58.0 | 58.1 | 58.8 | 58.8 | 59.0 | 59.1 | 59.1 | 59.1 | 59.2 |
| ≥ 8000 | 10.6 | 49.4 | 53.3 | 55.9 | 58.0 | 58.7 | 60.6 | 61.2 | 61.3 | 62.1 | 62.1 | 62.3 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 7000 | 10.7 | 50.3 | 54.2 | 56.9 | 59.0 | 59.7 | 61.6 | 62.3 | 62.4 | 63.2 | 63.2 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 6000 | 11.0 | 54.2 | 58.6 | 61.5 | 63.9 | 64.7 | 66.7 | 67.4 | 67.5 | 68.4 | 68.4 | 68.6 | 68.7 | 68.7 | 68.7 | 68.8 |
| ≥ 5000 | 11.3 | 59.2 | 64.0 | 67.1 | 69.7 | 70.5 | 72.8 | 73.5 | 73.6 | 74.5 | 74.5 | 74.7 | 74.9 | 74.9 | 74.9 | 75.0 |
| ≥ 4500 | 11.3 | 60.8 | 65.7 | 68.9 | 71.5 | 72.4 | 74.6 | 75.4 | 75.5 | 76.4 | 76.4 | 76.6 | 76.8 | 76.8 | 76.8 | 76.9 |
| ≥ 4000 | 11.6 | 66.8 | 72.4 | 76.0 | 78.9 | 79.8 | 82.3 | 83.1 | 83.1 | 84.2 | 84.2 | 84.4 | 84.6 | 84.6 | 84.6 | 84.7 |
| ≥ 3500 | 11.7 | 68.5 | 74.4 | 78.0 | 81.0 | 81.9 | 84.6 | 85.5 | 85.6 | 86.7 | 86.7 | 86.9 | 87.1 | 87.1 | 87.1 | 87.2 |
| ≥ 3000 | 11.7 | 70.5 | 76.6 | 80.4 | 83.6 | 84.6 | 87.3 | 88.3 | 88.3 | 89.5 | 89.5 | 89.7 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 2500 | 12.1 | 71.9 | 78.1 | 82.0 | 85.5 | 86.4 | 89.2 | 90.2 | 90.2 | 91.4 | 91.4 | 91.7 | 91.9 | 91.9 | 91.9 | 92.0 |
| ≥ 2000 | 12.3 | 72.6 | 78.9 | 82.9 | 86.6 | 87.5 | 90.4 | 91.3 | 91.4 | 92.6 | 92.6 | 92.9 | 93.1 | 93.1 | 93.1 | 93.2 |
| ≥ 1800 | 12.3 | 72.6 | 79.0 | 83.0 | 86.7 | 87.6 | 90.5 | 91.5 | 91.5 | 92.8 | 92.8 | 93.0 | 93.3 | 93.3 | 93.3 | 93.4 |
| ≥ 1500 | 12.3 | 73.0 | 79.5 | 83.6 | 87.3 | 88.3 | 91.3 | 92.3 | 92.3 | 93.6 | 93.6 | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1200 | 12.3 | 73.5 | 80.0 | 84.3 | 88.0 | 89.0 | 92.0 | 93.0 | 93.1 | 94.4 | 94.4 | 94.7 | 95.0 | 95.0 | 95.0 | 95.1 |
| ≥ 1000 | 12.3 | 73.8 | 80.4 | 84.7 | 88.5 | 89.5 | 92.6 | 93.6 | 93.7 | 95.0 | 95.1 | 95.4 | 95.6 | 95.6 | 95.6 | 95.7 |
| ≥ 900 | 12.3 | 74.0 | 80.6 | 85.0 | 88.8 | 89.7 | 92.9 | 93.9 | 94.0 | 95.3 | 95.3 | 95.7 | 96.0 | 96.0 | 96.0 | 96.1 |
| ≥ 800 | 12.3 | 74.3 | 81.0 | 85.4 | 89.4 | 90.3 | 93.5 | 94.5 | 94.6 | 96.0 | 96.0 | 96.4 | 96.7 | 96.7 | 96.7 | 96.8 |
| ≥ 700 | 12.4 | 74.5 | 81.2 | 85.7 | 89.6 | 90.6 | 93.8 | 94.8 | 94.9 | 96.3 | 96.3 | 96.7 | 97.0 | 97.0 | 97.0 | 97.1 |
| ≥ 600 | 12.4 | 74.5 | 81.3 | 85.8 | 89.8 | 90.8 | 94.1 | 95.1 | 95.2 | 96.7 | 96.7 | 97.1 | 97.4 | 97.4 | 97.4 | 97.5 |
| ≥ 500 | 12.4 | 74.8 | 81.6 | 86.2 | 90.3 | 91.3 | 94.7 | 95.8 | 95.9 | 97.6 | 97.6 | 97.9 | 98.3 | 98.3 | 98.3 | 98.5 |
| ≥ 400 | 12.4 | 75.0 | 81.8 | 86.4 | 90.6 | 91.6 | 95.0 | 96.2 | 96.2 | 98.0 | 98.0 | 98.4 | 98.9 | 99.0 | 99.0 | 99.1 |
| ≥ 300 | 12.4 | 75.1 | 82.0 | 86.6 | 90.8 | 91.8 | 95.4 | 96.5 | 96.6 | 98.4 | 98.4 | 98.8 | 99.3 | 99.3 | 99.3 | 99.5 |
| ≥ 200 | 12.4 | 75.1 | 82.0 | 86.6 | 90.8 | 91.8 | 95.4 | 96.5 | 96.6 | 98.5 | 98.5 | 98.9 | 99.5 | 99.5 | 99.5 | 99.7 |
| ≥ 100 | 12.4 | 75.1 | 82.0 | 86.6 | 90.8 | 91.8 | 95.4 | 96.6 | 96.6 | 98.5 | 98.6 | 99.0 | 99.5 | 99.5 | 99.5 | 99.8 |
| 0 | 12.4 | 75.1 | 82.0 | 86.6 | 90.8 | 91.8 | 95.4 | 96.6 | 96.6 | 98.6 | 98.6 | 99.0 | 99.6 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8903

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) APR (MONTH)

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

0000-0700 (HOURS (L.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 6.6 | 53.5 | 54.3 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 20000 | 6.8 | 54.3 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 18000 | 6.8 | 54.4 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 16000 | 6.8 | 54.4 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 14000 | 6.8 | 54.5 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 12000 | 6.8 | 54.8 | 55.6 | 55.6 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 10000 | 7.0 | 57.3 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 9000 | 7.0 | 57.3 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 8000 | 7.0 | 60.2 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 7000 | 7.0 | 61.0 | 61.8 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 6000 | 7.0 | 68.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 5000 | 7.0 | 75.1 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 4500 | 7.1 | 77.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 4000 | 7.3 | 85.2 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 3500 | 7.9 | 87.5 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 3000 | 8.2 | 89.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 2500 | 8.4 | 91.5 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 2000 | 8.6 | 92.8 | 94.4 | 94.4 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1800 | 8.6 | 92.8 | 94.4 | 94.4 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1500 | 8.6 | 93.4 | 95.3 | 95.3 | 95.6 | 95.6 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1200 | 8.6 | 93.6 | 95.7 | 95.7 | 96.3 | 96.3 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1000 | 8.6 | 93.6 | 96.2 | 96.2 | 96.8 | 96.8 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 900 | 8.6 | 93.6 | 96.2 | 96.2 | 96.8 | 96.8 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 800 | 8.6 | 94.1 | 97.0 | 97.3 | 98.0 | 98.1 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 8.6 | 94.1 | 97.0 | 97.3 | 98.0 | 98.1 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 8.6 | 94.1 | 97.1 | 97.7 | 98.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 8.6 | 94.3 | 97.4 | 98.0 | 98.7 | 98.8 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 8.6 | 94.3 | 97.4 | 98.0 | 98.7 | 98.8 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 8.6 | 94.3 | 97.5 | 98.1 | 98.8 | 98.9 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 8.6 | 94.3 | 97.5 | 98.1 | 98.8 | 98.9 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 8.6 | 94.3 | 97.5 | 98.1 | 98.8 | 98.9 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 8.6 | 94.3 | 97.5 | 98.1 | 98.8 | 98.9 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1079

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CNEU-T7E (STATION NAME) 54-65 (YEARS) APR. (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 3.0 | 43.6 | 50.9 | 52.2 | 53.3 | 53.6 | 53.9 | 54.2 | 54.2 | 54.6 | 54.6 | 54.6 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 20000 | 3.0 | 46.7 | 52.0 | 53.4 | 54.5 | 54.8 | 55.1 | 55.4 | 55.4 | 55.8 | 55.8 | 55.8 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 18000 | 3.0 | 46.7 | 52.0 | 53.4 | 54.5 | 54.8 | 55.1 | 55.4 | 55.4 | 55.8 | 55.8 | 55.8 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 16000 | 3.0 | 46.7 | 52.0 | 53.4 | 54.5 | 54.8 | 55.1 | 55.4 | 55.4 | 55.8 | 55.8 | 55.8 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 14000 | 3.0 | 46.7 | 52.0 | 53.4 | 54.5 | 54.8 | 55.1 | 55.4 | 55.4 | 55.8 | 55.8 | 55.8 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 12000 | 3.0 | 47.1 | 52.5 | 53.9 | 55.0 | 55.3 | 55.6 | 55.8 | 55.8 | 56.3 | 56.3 | 56.3 | 56.5 | 56.5 | 56.5 | 56.5 |
| ≥ 10000 | 3.0 | 50.0 | 55.4 | 56.8 | 58.0 | 58.2 | 58.5 | 58.8 | 58.8 | 59.3 | 59.3 | 59.3 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 9000 | 3.0 | 50.0 | 55.4 | 56.8 | 58.1 | 58.3 | 58.6 | 58.9 | 58.9 | 59.4 | 59.4 | 59.4 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 8000 | 3.0 | 51.9 | 57.6 | 59.0 | 60.4 | 60.6 | 60.9 | 61.2 | 61.2 | 61.7 | 61.7 | 61.7 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 7000 | 3.0 | 52.6 | 58.3 | 59.7 | 61.1 | 61.4 | 61.7 | 61.9 | 61.9 | 62.4 | 62.4 | 62.4 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 6000 | 3.0 | 57.8 | 63.7 | 65.2 | 66.6 | 66.9 | 67.1 | 67.4 | 67.4 | 67.9 | 67.9 | 67.9 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 5000 | 3.1 | 62.7 | 68.8 | 70.4 | 71.8 | 72.0 | 72.3 | 72.6 | 72.6 | 73.1 | 73.1 | 73.1 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 4500 | 3.1 | 64.5 | 70.7 | 72.3 | 73.8 | 74.1 | 74.4 | 74.6 | 74.6 | 75.1 | 75.1 | 75.1 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 4000 | 3.1 | 72.8 | 79.4 | 81.0 | 82.5 | 82.8 | 83.1 | 83.3 | 83.3 | 83.8 | 83.8 | 83.8 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 3500 | 3.1 | 74.4 | 81.2 | 82.9 | 84.4 | 84.6 | 84.9 | 85.2 | 85.2 | 85.6 | 85.6 | 85.6 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 3000 | 3.1 | 76.8 | 84.4 | 86.1 | 87.6 | 87.9 | 88.1 | 88.4 | 88.4 | 88.9 | 88.9 | 88.9 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 2500 | 3.2 | 78.1 | 85.9 | 87.9 | 89.4 | 89.7 | 90.0 | 90.3 | 90.3 | 90.7 | 90.7 | 90.7 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 2000 | 3.2 | 78.9 | 86.9 | 89.1 | 90.8 | 91.1 | 91.4 | 91.7 | 91.7 | 92.1 | 92.1 | 92.1 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 1800 | 3.2 | 79.1 | 87.1 | 89.3 | 91.0 | 91.3 | 91.9 | 92.1 | 92.1 | 92.6 | 92.6 | 92.6 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1500 | 3.2 | 79.6 | 88.0 | 90.1 | 92.0 | 92.3 | 93.1 | 93.6 | 93.6 | 94.1 | 94.1 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1200 | 3.2 | 80.0 | 88.6 | 90.8 | 92.9 | 93.1 | 94.0 | 94.4 | 94.4 | 94.9 | 94.9 | 94.9 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1000 | 3.3 | 80.6 | 89.3 | 91.5 | 93.5 | 93.8 | 94.6 | 95.1 | 95.1 | 95.6 | 95.6 | 95.6 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 900 | 3.3 | 80.6 | 89.3 | 91.5 | 93.5 | 93.8 | 94.6 | 95.1 | 95.1 | 95.6 | 95.6 | 95.6 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 800 | 3.3 | 81.1 | 90.1 | 92.6 | 94.6 | 95.2 | 96.0 | 96.5 | 96.5 | 97.0 | 97.0 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 3.3 | 81.2 | 90.2 | 92.8 | 94.8 | 95.4 | 96.3 | 96.8 | 96.8 | 97.4 | 97.4 | 97.5 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 600 | 3.3 | 81.2 | 90.2 | 93.1 | 95.2 | 95.7 | 96.9 | 97.3 | 97.3 | 98.0 | 98.0 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 500 | 3.3 | 81.6 | 90.6 | 93.7 | 95.7 | 96.3 | 97.4 | 97.9 | 97.9 | 98.8 | 98.8 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 3.3 | 81.8 | 90.8 | 93.9 | 96.0 | 96.6 | 97.7 | 98.1 | 98.1 | 99.1 | 99.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 3.3 | 81.8 | 90.8 | 94.0 | 96.1 | 96.7 | 97.8 | 98.2 | 98.2 | 99.2 | 99.2 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 3.3 | 81.8 | 90.8 | 94.0 | 96.1 | 96.7 | 97.8 | 98.2 | 98.2 | 99.2 | 99.2 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 3.3 | 81.8 | 90.8 | 94.0 | 96.1 | 96.7 | 97.8 | 98.2 | 98.2 | 99.2 | 99.2 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0 | 3.3 | 81.8 | 90.8 | 94.0 | 96.1 | 96.7 | 97.8 | 98.2 | 98.2 | 99.2 | 99.2 | 99.3 | 99.7 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TAI (STATION NAME) 54-65 (YEARS) APR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 1.4 | 10.2 | 16.9 | 21.2 | 27.0 | 28.2 | 31.8 | 34.2 | 34.3 | 36.9 | 36.9 | 37.3 | 37.7 | 37.7 | 37.7 | 38.0 |
| ≥ 20000 | 1.7 | 12.1 | 19.5 | 24.4 | 31.0 | 32.8 | 36.9 | 39.4 | 39.5 | 42.6 | 42.6 | 43.1 | 43.5 | 43.5 | 43.5 | 43.8 |
| ≥ 18000 | 1.7 | 12.1 | 19.5 | 24.5 | 31.1 | 32.6 | 37.0 | 39.5 | 39.6 | 42.7 | 42.7 | 43.1 | 43.6 | 43.6 | 43.6 | 43.9 |
| ≥ 16000 | 1.8 | 12.2 | 19.7 | 24.8 | 31.4 | 32.9 | 37.4 | 39.9 | 40.0 | 43.1 | 43.1 | 43.5 | 44.0 | 44.0 | 44.0 | 44.3 |
| ≥ 14000 | 1.8 | 12.2 | 19.7 | 25.1 | 31.8 | 33.3 | 38.0 | 40.6 | 40.6 | 43.8 | 43.8 | 44.4 | 45.0 | 45.0 | 45.0 | 45.3 |
| ≥ 12000 | 1.9 | 13.0 | 20.6 | 26.1 | 33.1 | 34.7 | 39.5 | 42.1 | 42.2 | 45.5 | 45.5 | 46.0 | 46.7 | 46.7 | 46.7 | 46.9 |
| ≥ 10000 | 2.0 | 15.0 | 23.9 | 30.2 | 38.8 | 40.5 | 46.0 | 49.1 | 49.2 | 53.1 | 53.1 | 53.9 | 54.6 | 54.6 | 54.6 | 55.0 |
| ≥ 9000 | 2.0 | 15.1 | 24.1 | 30.4 | 39.0 | 40.6 | 46.2 | 49.4 | 49.4 | 53.4 | 53.4 | 54.2 | 54.9 | 54.9 | 54.9 | 55.3 |
| ≥ 8000 | 2.0 | 15.4 | 25.7 | 32.7 | 42.1 | 43.9 | 49.9 | 53.3 | 53.4 | 58.1 | 58.1 | 59.1 | 59.9 | 59.9 | 59.9 | 60.3 |
| ≥ 7000 | 2.0 | 15.6 | 25.9 | 33.1 | 42.6 | 44.4 | 50.5 | 54.0 | 54.1 | 59.0 | 59.0 | 59.9 | 60.7 | 60.7 | 60.7 | 61.1 |
| ≥ 6000 | 2.0 | 16.5 | 27.6 | 35.1 | 45.2 | 47.3 | 54.1 | 57.9 | 58.0 | 63.0 | 63.0 | 64.0 | 64.8 | 64.8 | 64.8 | 65.2 |
| ≥ 5000 | 2.0 | 18.0 | 29.6 | 37.8 | 48.8 | 50.9 | 58.9 | 63.1 | 63.1 | 68.5 | 68.5 | 69.5 | 70.6 | 70.6 | 70.6 | 70.9 |
| ≥ 4500 | 2.0 | 18.7 | 31.0 | 39.4 | 50.5 | 52.6 | 61.0 | 65.3 | 65.4 | 70.8 | 70.8 | 71.9 | 73.0 | 73.0 | 73.0 | 73.3 |
| ≥ 4000 | 2.0 | 20.8 | 34.4 | 43.6 | 55.9 | 58.4 | 67.8 | 72.7 | 73.0 | 78.5 | 78.5 | 79.5 | 80.7 | 80.7 | 80.7 | 81.1 |
| ≥ 3500 | 2.0 | 21.3 | 35.4 | 44.9 | 57.7 | 60.5 | 70.0 | 74.9 | 75.2 | 81.1 | 81.1 | 82.2 | 83.4 | 83.4 | 83.4 | 83.8 |
| ≥ 3000 | 2.0 | 22.6 | 37.3 | 47.0 | 60.1 | 62.9 | 72.8 | 78.1 | 78.4 | 84.8 | 84.8 | 86.0 | 87.3 | 87.3 | 87.3 | 87.7 |
| ≥ 2500 | 2.0 | 23.1 | 38.0 | 48.1 | 61.3 | 64.2 | 74.3 | 79.7 | 80.0 | 86.4 | 86.4 | 87.6 | 88.9 | 88.9 | 88.9 | 89.3 |
| ≥ 2000 | 2.0 | 23.2 | 38.3 | 48.7 | 62.1 | 65.1 | 75.3 | 80.9 | 81.2 | 87.7 | 87.7 | 88.9 | 90.2 | 90.2 | 90.2 | 90.6 |
| ≥ 1800 | 2.0 | 23.2 | 38.3 | 48.7 | 62.1 | 65.1 | 75.3 | 80.9 | 81.2 | 87.7 | 87.7 | 89.2 | 90.5 | 90.5 | 90.5 | 90.8 |
| ≥ 1500 | 2.1 | 23.6 | 38.9 | 49.4 | 63.1 | 66.2 | 76.7 | 82.4 | 82.7 | 89.2 | 89.2 | 90.6 | 91.9 | 91.9 | 91.9 | 92.3 |
| ≥ 1200 | 2.1 | 23.7 | 39.3 | 50.0 | 63.9 | 67.0 | 77.5 | 83.2 | 83.5 | 90.0 | 90.0 | 91.5 | 92.8 | 92.8 | 92.8 | 93.1 |
| ≥ 1000 | 2.1 | 24.0 | 39.5 | 50.5 | 64.4 | 67.5 | 78.5 | 84.4 | 84.6 | 91.3 | 91.3 | 92.8 | 94.2 | 94.2 | 94.2 | 94.5 |
| ≥ 900 | 2.1 | 24.0 | 39.5 | 50.6 | 64.4 | 67.6 | 78.6 | 84.4 | 84.7 | 91.4 | 91.4 | 92.9 | 94.3 | 94.3 | 94.3 | 94.6 |
| ≥ 800 | 2.1 | 24.0 | 39.8 | 50.9 | 65.1 | 68.4 | 80.0 | 85.8 | 86.1 | 93.1 | 93.1 | 94.8 | 96.2 | 96.2 | 96.2 | 96.6 |
| ≥ 700 | 2.1 | 24.1 | 40.0 | 51.1 | 65.3 | 68.6 | 80.3 | 86.1 | 86.4 | 93.5 | 93.5 | 95.3 | 96.7 | 96.7 | 96.7 | 97.0 |
| ≥ 600 | 2.1 | 24.3 | 40.2 | 51.3 | 65.6 | 69.1 | 80.8 | 86.7 | 86.9 | 94.3 | 94.3 | 96.1 | 97.5 | 97.5 | 97.5 | 97.9 |
| ≥ 500 | 2.1 | 24.4 | 40.3 | 51.5 | 65.9 | 69.4 | 81.4 | 87.2 | 87.5 | 95.1 | 95.1 | 96.9 | 98.3 | 98.3 | 98.3 | 98.7 |
| ≥ 400 | 2.1 | 24.4 | 40.3 | 51.5 | 65.9 | 69.4 | 81.4 | 87.2 | 87.5 | 95.2 | 95.2 | 97.0 | 98.4 | 98.4 | 98.4 | 98.9 |
| ≥ 300 | 2.1 | 24.4 | 40.3 | 51.5 | 65.9 | 69.4 | 81.4 | 87.2 | 87.5 | 95.3 | 95.3 | 97.2 | 98.6 | 98.6 | 98.6 | 99.1 |
| ≥ 200 | 2.1 | 24.4 | 40.3 | 51.5 | 65.9 | 69.4 | 81.4 | 87.3 | 87.6 | 95.4 | 95.4 | 97.3 | 98.8 | 98.8 | 98.8 | 99.3 |
| ≥ 100 | 2.1 | 24.4 | 40.3 | 51.5 | 65.9 | 69.4 | 81.4 | 87.3 | 87.6 | 95.4 | 95.4 | 97.3 | 98.8 | 98.8 | 98.8 | 99.3 |
| 0 | 2.1 | 24.4 | 40.3 | 51.5 | 65.9 | 69.4 | 81.4 | 87.3 | 87.6 | 95.4 | 95.4 | 97.3 | 99.1 | 99.1 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) APR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 15.1 | 39.4 | 42.9 | 45.2 | 46.1 | 46.1 | 46.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 20000 | 16.6 | 44.5 | 48.8 | 51.6 | 52.5 | 52.6 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| < 20000 ≥ 18000 | 16.6 | 44.5 | 48.8 | 51.6 | 52.5 | 52.6 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| < 18000 ≥ 16000 | 16.7 | 44.6 | 48.9 | 51.7 | 52.6 | 52.7 | 52.8 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| < 16000 ≥ 14000 | 17.1 | 46.3 | 50.6 | 53.5 | 54.4 | 54.5 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| < 14000 ≥ 12000 | 17.8 | 48.3 | 52.9 | 55.8 | 56.8 | 56.9 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| < 12000 ≥ 10000 | 18.5 | 54.4 | 60.5 | 64.4 | 66.2 | 66.4 | 66.7 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| < 10000 ≥ 9000 | 18.5 | 54.6 | 60.6 | 64.8 | 66.6 | 66.8 | 67.0 | 67.2 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| < 9000 ≥ 8000 | 18.9 | 56.0 | 64.5 | 69.0 | 71.1 | 71.3 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| < 8000 ≥ 7000 | 19.0 | 56.8 | 65.5 | 70.0 | 72.1 | 72.3 | 73.0 | 73.1 | 73.1 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| < 7000 ≥ 6000 | 19.4 | 62.4 | 69.4 | 74.1 | 76.7 | 76.9 | 77.7 | 77.9 | 77.9 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| < 6000 ≥ 5000 | 19.4 | 63.9 | 71.2 | 76.2 | 79.5 | 79.9 | 80.6 | 80.8 | 80.8 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| < 5000 ≥ 4500 | 19.6 | 64.4 | 71.8 | 76.9 | 80.3 | 80.7 | 81.5 | 81.7 | 81.7 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| < 4500 ≥ 4000 | 19.8 | 66.5 | 74.4 | 80.2 | 83.6 | 84.1 | 84.9 | 85.3 | 85.3 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| < 4000 ≥ 3500 | 19.8 | 66.7 | 74.7 | 80.6 | 84.1 | 84.5 | 85.4 | 85.7 | 85.7 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| < 3500 ≥ 3000 | 20.3 | 68.3 | 76.6 | 82.4 | 86.0 | 86.5 | 87.4 | 87.8 | 87.8 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| < 3000 ≥ 2500 | 21.1 | 71.0 | 79.4 | 85.3 | 89.0 | 89.4 | 90.5 | 90.8 | 90.8 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| < 2500 ≥ 2000 | 21.3 | 73.1 | 81.8 | 87.7 | 91.5 | 91.9 | 93.0 | 93.3 | 93.3 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| < 2000 ≥ 1800 | 21.4 | 73.2 | 81.9 | 87.9 | 91.8 | 92.2 | 93.2 | 93.7 | 93.7 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| < 1800 ≥ 1500 | 21.6 | 73.9 | 82.7 | 88.9 | 93.0 | 93.4 | 94.4 | 94.9 | 94.9 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| < 1500 ≥ 1200 | 21.8 | 74.3 | 83.1 | 89.4 | 93.5 | 94.0 | 95.1 | 95.6 | 95.6 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| < 1200 ≥ 1000 | 21.9 | 75.4 | 84.3 | 90.6 | 94.7 | 95.2 | 96.5 | 97.2 | 97.2 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| < 1000 ≥ 900 | 21.9 | 75.4 | 84.3 | 90.6 | 94.7 | 95.2 | 96.5 | 97.2 | 97.2 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| < 900 ≥ 800 | 21.9 | 75.5 | 84.4 | 90.7 | 94.9 | 95.6 | 97.0 | 97.6 | 97.8 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| < 800 ≥ 700 | 21.9 | 75.6 | 84.5 | 90.8 | 95.1 | 95.7 | 97.3 | 98.1 | 98.1 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| < 700 ≥ 600 | 21.9 | 75.6 | 84.5 | 90.8 | 95.2 | 95.9 | 97.5 | 98.3 | 98.3 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| < 600 ≥ 500 | 21.9 | 75.6 | 84.5 | 91.1 | 95.5 | 96.2 | 97.8 | 98.6 | 98.6 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| < 500 ≥ 400 | 21.9 | 75.6 | 84.5 | 91.1 | 95.5 | 96.2 | 97.8 | 98.6 | 98.6 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 400 ≥ 300 | 21.9 | 75.6 | 84.5 | 91.1 | 95.5 | 96.2 | 97.8 | 98.6 | 98.6 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 300 ≥ 200 | 21.9 | 75.6 | 84.5 | 91.1 | 95.5 | 96.2 | 97.8 | 98.6 | 98.6 | 99.5 | 99.5 | 99 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 200 ≥ 100 | 21.9 | 75.6 | 84.5 | 91.1 | 95.5 | 96.2 | 97.8 | 98.6 | 98.6 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 100 0 | 21.9 | 75.6 | 84.5 | 91.1 | 95.5 | 96.2 | 97.8 | 98.6 | 98.6 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 35982

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) APR (MONTH)

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

1200-1400 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 31.7 | 50.9 | 51.9 | 52.5 | 52.7 | 52.8 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| ≥ 20000 | 35.4 | 58.1 | 59.1 | 59.7 | 60.0 | 60.1 | 60.5 | 60.9 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 18000 | 35.4 | 58.1 | 59.2 | 59.8 | 60.1 | 60.2 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 16000 | 35.4 | 58.2 | 59.3 | 59.9 | 60.2 | 60.3 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 14000 | 36.0 | 59.3 | 60.6 | 61.3 | 61.6 | 61.7 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 12000 | 38.3 | 62.8 | 64.4 | 65.0 | 65.3 | 65.4 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 10000 | 41.7 | 71.0 | 72.9 | 73.7 | 74.2 | 74.3 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 9000 | 41.7 | 71.1 | 73.0 | 73.8 | 74.3 | 74.4 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 8000 | 43.1 | 74.8 | 76.7 | 77.6 | 78.1 | 78.1 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 7000 | 43.6 | 76.3 | 78.1 | 79.1 | 79.5 | 79.6 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 6000 | 44.6 | 79.4 | 81.2 | 82.1 | 82.6 | 82.7 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 5000 | 44.7 | 80.8 | 82.8 | 83.8 | 84.3 | 84.4 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 4500 | 44.8 | 81.1 | 83.1 | 84.1 | 84.6 | 84.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 4000 | 45.6 | 84.1 | 86.1 | 87.1 | 87.7 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 3500 | 45.7 | 84.6 | 86.7 | 87.7 | 88.2 | 88.4 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 3000 | 46.0 | 86.5 | 88.5 | 89.6 | 90.2 | 90.4 | 91.0 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 2500 | 46.9 | 89.0 | 91.1 | 92.2 | 92.8 | 93.0 | 93.6 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2000 | 47.7 | 90.6 | 92.7 | 94.0 | 94.6 | 94.8 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1800 | 47.8 | 91.2 | 93.3 | 94.6 | 95.3 | 95.5 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1500 | 48.1 | 91.8 | 93.9 | 95.3 | 96.0 | 96.2 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1200 | 48.1 | 91.9 | 94.3 | 95.7 | 96.6 | 96.8 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1000 | 48.1 | 92.1 | 94.5 | 96.0 | 96.9 | 97.1 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 48.1 | 92.2 | 94.6 | 96.1 | 97.0 | 97.2 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 48.2 | 92.4 | 94.8 | 96.3 | 97.2 | 97.4 | 98.1 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 700 | 48.2 | 92.4 | 94.8 | 96.3 | 97.2 | 97.4 | 98.1 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 600 | 48.2 | 92.9 | 95.4 | 96.9 | 97.8 | 98.0 | 98.9 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 48.3 | 93.1 | 95.6 | 97.3 | 98.2 | 98.4 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 48.3 | 93.1 | 95.6 | 97.4 | 98.3 | 98.5 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 48.3 | 93.1 | 95.6 | 97.4 | 98.3 | 98.5 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 48.3 | 93.1 | 95.6 | 97.4 | 98.3 | 98.5 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 48.3 | 93.1 | 95.6 | 97.4 | 98.3 | 98.5 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 48.3 | 93.1 | 95.6 | 97.4 | 98.3 | 98.5 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | APR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-1700 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 31.9 | 47.0 | 48.1 | 48.5 | 49.1 | 49.2 | 49.5 | 49.6 | 49.6 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| ≥ 20000 | 36.7 | 54.2 | 55.6 | 56.2 | 56.9 | 56.9 | 57.3 | 57.4 | 57.4 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 18000 | 36.9 | 54.4 | 55.7 | 56.4 | 57.0 | 57.1 | 57.5 | 57.6 | 57.6 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| ≥ 16000 | 36.9 | 54.4 | 55.8 | 56.5 | 57.1 | 57.2 | 57.6 | 57.7 | 57.7 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 14000 | 37.5 | 55.6 | 57.2 | 57.9 | 58.5 | 58.6 | 59.0 | 59.1 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 12000 | 39.3 | 58.7 | 60.4 | 61.0 | 61.7 | 61.8 | 62.1 | 62.2 | 62.2 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 10000 | 43.6 | 68.5 | 70.3 | 71.2 | 71.9 | 72.1 | 72.6 | 73.0 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 9000 | 43.6 | 68.6 | 70.4 | 71.3 | 72.0 | 72.2 | 72.7 | 73.1 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 8000 | 44.4 | 71.2 | 73.1 | 74.0 | 74.9 | 75.1 | 75.6 | 75.9 | 75.9 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 7000 | 44.5 | 71.7 | 73.5 | 74.4 | 75.4 | 75.6 | 76.0 | 76.4 | 76.4 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 6000 | 46.8 | 77.1 | 79.2 | 80.2 | 81.2 | 81.4 | 81.9 | 82.2 | 82.2 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 5000 | 48.0 | 79.5 | 81.6 | 82.8 | 83.9 | 84.2 | 84.6 | 85.0 | 85.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 4500 | 48.6 | 80.6 | 82.7 | 83.9 | 85.0 | 85.3 | 85.7 | 86.1 | 86.1 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 4000 | 50.1 | 84.2 | 86.2 | 87.5 | 88.7 | 89.1 | 89.5 | 89.9 | 89.9 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 3500 | 50.4 | 85.7 | 87.8 | 89.1 | 90.3 | 90.6 | 91.2 | 91.6 | 91.6 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 3000 | 50.5 | 86.6 | 88.6 | 89.9 | 91.3 | 91.7 | 92.2 | 92.8 | 92.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 2500 | 51.4 | 88.5 | 90.6 | 91.9 | 93.4 | 93.8 | 94.4 | 94.9 | 94.9 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 2000 | 52.0 | 90.0 | 92.1 | 93.4 | 94.9 | 95.3 | 95.8 | 96.4 | 96.4 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1800 | 52.0 | 90.0 | 92.1 | 93.4 | 94.9 | 95.3 | 95.8 | 96.4 | 96.4 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1500 | 52.0 | 90.4 | 92.5 | 93.8 | 95.5 | 95.9 | 96.5 | 97.0 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1200 | 52.1 | 90.6 | 92.8 | 94.1 | 95.7 | 96.2 | 96.8 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1000 | 52.2 | 91.0 | 93.1 | 94.4 | 96.2 | 96.7 | 97.2 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 52.2 | 91.0 | 93.1 | 94.4 | 96.2 | 96.7 | 97.2 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 52.2 | 91.4 | 93.5 | 94.9 | 96.7 | 97.1 | 97.8 | 98.4 | 98.4 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 52.2 | 91.6 | 93.7 | 95.1 | 96.9 | 97.3 | 98.1 | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 52.2 | 91.9 | 94.0 | 95.3 | 97.2 | 97.7 | 98.4 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 52.3 | 91.9 | 94.1 | 95.6 | 97.3 | 97.8 | 98.5 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 52.3 | 91.9 | 94.1 | 95.6 | 97.3 | 97.8 | 98.5 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 52.3 | 91.9 | 94.1 | 95.6 | 97.3 | 97.9 | 98.8 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 52.3 | 91.9 | 94.1 | 95.6 | 97.3 | 97.9 | 98.8 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 52.3 | 91.9 | 94.1 | 95.6 | 97.3 | 97.9 | 98.8 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 52.3 | 91.9 | 94.1 | 95.6 | 97.3 | 97.9 | 98.8 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) APR (MONTH)

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

1800-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 20.5 | 43.2 | 43.7 | 44.4 | 44.4 | 44.5 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 20000 | 23.8 | 49.4 | 50.0 | 50.8 | 50.9 | 51.2 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 18000 | 23.9 | 49.5 | 50.2 | 51.0 | 51.1 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 16000 | 23.9 | 49.5 | 50.2 | 51.0 | 51.1 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 14000 | 24.5 | 50.5 | 51.1 | 51.9 | 52.0 | 52.3 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 12000 | 25.2 | 51.9 | 52.6 | 53.4 | 53.6 | 53.9 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 10000 | 27.4 | 58.9 | 59.6 | 60.5 | 60.9 | 61.2 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 9000 | 27.6 | 59.1 | 59.8 | 60.6 | 61.1 | 61.4 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 8000 | 27.9 | 62.3 | 63.1 | 63.9 | 64.4 | 64.6 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 7000 | 27.9 | 63.1 | 63.9 | 64.7 | 65.3 | 65.6 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 6000 | 29.2 | 68.6 | 69.6 | 70.6 | 71.2 | 71.5 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 5000 | 60.4 | 75.2 | 76.6 | 77.7 | 78.5 | 78.8 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 4500 | 31.0 | 78.0 | 79.4 | 80.6 | 81.4 | 81.7 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 4000 | 32.0 | 83.1 | 84.9 | 86.2 | 87.1 | 87.5 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 3500 | 32.0 | 84.0 | 85.8 | 87.1 | 88.1 | 88.8 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 3000 | 32.4 | 85.8 | 87.8 | 89.3 | 90.3 | 90.9 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 2500 | 33.1 | 87.3 | 89.5 | 91.1 | 92.1 | 92.8 | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 2000 | 33.3 | 88.7 | 91.0 | 92.7 | 93.7 | 94.4 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1800 | 33.3 | 88.8 | 91.1 | 92.8 | 93.8 | 94.4 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1500 | 33.4 | 89.3 | 91.6 | 93.3 | 94.4 | 95.1 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1200 | 33.4 | 89.4 | 91.8 | 93.5 | 94.8 | 95.5 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1000 | 33.4 | 90.1 | 92.4 | 94.2 | 95.6 | 96.2 | 96.9 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | 33.4 | 90.1 | 92.4 | 94.3 | 95.6 | 96.3 | 97.0 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 800 | 33.4 | 90.1 | 92.5 | 94.6 | 96.0 | 96.7 | 97.9 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 33.4 | 90.2 | 92.6 | 94.7 | 96.1 | 96.8 | 98.0 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 33.4 | 90.6 | 93.1 | 95.2 | 96.7 | 97.3 | 98.5 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 33.4 | 90.8 | 93.2 | 95.4 | 96.9 | 97.5 | 98.7 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 33.4 | 90.8 | 93.2 | 95.4 | 96.9 | 97.5 | 98.7 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 33.4 | 90.8 | 93.2 | 95.4 | 96.9 | 97.7 | 98.9 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 33.4 | 90.8 | 93.2 | 95.4 | 96.9 | 97.7 | 98.9 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 33.4 | 90.8 | 93.2 | 95.4 | 96.9 | 97.7 | 98.9 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 33.4 | 90.8 | 93.2 | 95.4 | 96.9 | 97.7 | 98.9 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35783

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46742 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) APR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 13.4 | 52.7 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| ≥ 20000 | 14.0 | 54.3 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 18000 | 14.0 | 54.3 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 16000 | 14.0 | 54.3 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 14000 | 14.0 | 54.4 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 12000 | 14.2 | 55.2 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 10000 | 14.4 | 59.7 | 60.2 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 9000 | 14.4 | 59.7 | 60.2 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 8000 | 14.5 | 63.4 | 63.9 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 7000 | 14.6 | 63.9 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 6000 | 15.1 | 70.6 | 71.3 | 71.4 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥ 5000 | 15.4 | 77.1 | 77.8 | 77.9 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 4500 | 15.4 | 78.9 | 79.5 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 4000 | 15.6 | 87.0 | 87.8 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 3500 | 15.9 | 88.5 | 89.3 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 3000 | 16.1 | 90.6 | 91.9 | 92.0 | 92.0 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 2500 | 16.8 | 92.7 | 94.0 | 94.2 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 2000 | 16.8 | 94.0 | 95.3 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1800 | 16.8 | 94.0 | 95.3 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1500 | 16.9 | 94.2 | 95.6 | 95.9 | 96.0 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1200 | 16.9 | 94.5 | 96.2 | 96.5 | 96.6 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1000 | 16.9 | 94.7 | 96.6 | 97.0 | 97.2 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 900 | 16.9 | 94.7 | 96.6 | 97.0 | 97.2 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 800 | 16.9 | 94.8 | 96.8 | 97.5 | 97.7 | 97.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 700 | 16.9 | 94.8 | 96.8 | 97.5 | 97.7 | 97.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 16.9 | 95.1 | 97.0 | 97.8 | 98.1 | 98.2 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 16.9 | 95.4 | 97.3 | 98.1 | 98.3 | 98.5 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 16.9 | 95.4 | 97.4 | 98.1 | 98.4 | 98.6 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 16.9 | 95.6 | 97.8 | 98.5 | 98.8 | 99.2 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 16.9 | 95.6 | 97.8 | 98.5 | 98.8 | 99.2 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 16.9 | 95.6 | 97.8 | 98.5 | 98.8 | 99.2 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 16.9 | 95.6 | 97.8 | 98.5 | 98.8 | 99.2 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL ) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) APR (MONTH)

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

ALL (HOURS L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 15.4 | 42.8 | 45.2 | 46.4 | 47.5 | 47.7 | 48.4 | 48.7 | 48.7 | 49.1 | 49.1 | 49.2 | 49.3 | 49.3 | 49.3 | 49.3 |
| ≥ 20000 | 17.2 | 46.7 | 49.3 | 50.8 | 52.0 | 52.3 | 53.0 | 53.4 | 53.4 | 53.8 | 53.8 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 |
| ≥ 18000 | 17.3 | 46.8 | 49.4 | 50.8 | 52.0 | 52.3 | 53.1 | 53.4 | 53.4 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.1 |
| ≥ 16000 | 17.3 | 46.8 | 49.5 | 50.9 | 52.1 | 52.4 | 53.1 | 53.5 | 53.5 | 54.0 | 54.0 | 54.0 | 54.1 | 54.1 | 54.1 | 54.2 |
| ≥ 14000 | 17.8 | 47.4 | 50.2 | 51.7 | 52.9 | 53.2 | 53.9 | 54.3 | 54.3 | 54.8 | 54.8 | 54.9 | 55.0 | 55.0 | 55.0 | 55.0 |
| ≥ 12000 | 18.3 | 49.0 | 51.8 | 53.3 | 54.6 | 54.9 | 55.7 | 56.1 | 56.1 | 56.6 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.8 |
| ≥ 10000 | 19.7 | 54.4 | 57.6 | 59.4 | 61.0 | 61.4 | 62.3 | 62.8 | 62.8 | 63.4 | 63.4 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 9000 | 19.7 | 54.4 | 57.7 | 59.5 | 61.2 | 61.5 | 62.5 | 63.0 | 63.0 | 63.6 | 63.6 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 8000 | 20.1 | 57.2 | 60.7 | 62.6 | 64.5 | 64.8 | 65.9 | 66.4 | 66.4 | 67.1 | 67.1 | 67.2 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 7000 | 20.2 | 57.9 | 61.4 | 63.4 | 65.3 | 65.6 | 66.7 | 67.2 | 67.3 | 68.0 | 68.0 | 68.1 | 68.2 | 68.2 | 68.2 | 68.3 |
| ≥ 6000 | 20.9 | 62.6 | 66.4 | 68.4 | 70.5 | 70.9 | 72.0 | 72.6 | 72.6 | 73.4 | 73.4 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 5000 | 21.3 | 66.5 | 70.3 | 72.8 | 75.1 | 75.5 | 76.8 | 77.5 | 77.5 | 78.2 | 78.2 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 4500 | 21.5 | 68.0 | 72.1 | 74.5 | 76.7 | 77.2 | 78.6 | 79.2 | 79.2 | 80.0 | 80.0 | 80.1 | 80.3 | 80.3 | 80.3 | 80.4 |
| ≥ 4000 | 21.9 | 73.0 | 77.4 | 80.0 | 82.4 | 83.0 | 84.5 | 85.2 | 85.3 | 86.1 | 86.1 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 3500 | 22.1 | 74.1 | 78.7 | 81.3 | 83.8 | 84.4 | 86.0 | 86.7 | 86.8 | 87.6 | 87.6 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 3000 | 22.3 | 75.9 | 80.7 | 83.4 | 86.0 | 86.6 | 88.3 | 89.2 | 89.2 | 90.1 | 90.1 | 90.3 | 90.5 | 90.5 | 90.5 | 90.6 |
| ≥ 2500 | 22.9 | 77.6 | 82.7 | 85.4 | 88.1 | 88.8 | 90.4 | 91.3 | 91.4 | 92.3 | 92.3 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 2000 | 23.1 | 78.9 | 84.: | 86.9 | 89.7 | 90.4 | 92.0 | 93.0 | 93.0 | 94.0 | 94.0 | 94.1 | 94.3 | 94.3 | 94.3 | 94.4 |
| ≥ 1800 | 23.2 | 79.0 | 84.2 | 87.1 | 89.9 | 90.5 | 92.2 | 93.2 | 93.2 | 94.2 | 94.2 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1500 | 23.3 | 79.5 | 84.8 | 87.7 | 90.7 | 91.4 | 93.3 | 94.2 | 94.3 | 95.2 | 95.2 | 95.4 | 95.6 | 95.6 | 95.6 | 95.7 |
| ≥ 1200 | 23.3 | 79.8 | 85.2 | 88.2 | 91.3 | 91.9 | 93.9 | 94.6 | 94.9 | 95.8 | 95.8 | 96.0 | 96.2 | 96.2 | 96.2 | 96.3 |
| ≥ 1000 | 23.3 | 80.2 | 85.7 | 88.8 | 91.9 | 92.6 | 94.6 | 95.6 | 95.6 | 96.7 | 96.7 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 900 | 23.3 | 80.2 | 85.8 | 88.8 | 91.9 | 92.6 | 94.6 | 95.6 | 95.7 | 96.7 | 96.7 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 800 | 23.4 | 80.4 | 86.1 | 89.4 | 92.5 | 93.3 | 95.5 | 96.5 | 96.6 | 97.7 | 97.7 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 700 | 23.4 | 80.5 | 86.2 | 89.5 | 92.6 | 93.4 | 95.6 | 96.7 | 96.7 | 97.9 | 97.9 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 23.4 | 80.7 | 86.4 | 89.8 | 93.0 | 93.8 | 96.1 | 97.2 | 97.2 | 98.5 | 98.5 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 23.4 | 80.9 | 86.6 | 90.1 | 93.3 | 94.1 | 96.5 | 97.5 | 97.6 | 98.9 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 400 | 23.4 | 80.9 | 86.7 | 90.1 | 93.4 | 94.2 | 96.5 | 97.6 | 97.7 | 99.0 | 99.0 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 23.4 | 80.9 | 86.7 | 90.2 | 93.4 | 94.3 | 96.7 | 97.8 | 97.8 | 99.2 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 23.4 | 80.9 | 86.7 | 90.2 | 93.4 | 94.3 | 96.7 | 97.8 | 97.8 | 99.2 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 100 | 23.4 | 80.9 | 86.7 | 90.2 | 93.4 | 94.3 | 96.7 | 97.8 | 97.8 | 99.2 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 |
| 0 | 23.4 | 80.9 | 86.7 | 90.2 | 93.4 | 94.3 | 96.7 | 97.8 | 97.8 | 99.2 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8639

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-63 YEARS | MAY MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 14.5 | 62.7 | 62.8 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 20000 | 15.2 | 64.9 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 18000 | 15.6 | 65.3 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 16000 | 15.6 | 65.3 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 14000 | 15.9 | 65.9 | 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 |
| ≥ 12000 | 16.1 | 66.4 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 10000 | 16.6 | 70.4 | 70.5 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 9000 | 16.6 | 70.4 | 70.5 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 8000 | 16.7 | 72.9 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 7000 | 16.8 | 73.7 | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 6000 | 17.2 | 77.8 | 77.9 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 5000 | 18.0 | 82.3 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 4500 | 18.1 | 83.7 | 83.8 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 4000 | 18.7 | 89.4 | 89.8 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 3500 | 18.8 | 90.3 | 90.7 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 3000 | 18.8 | 92.2 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 2500 | 18.9 | 93.4 | 93.9 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 2000 | 19.0 | 94.4 | 95.1 | 95.5 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1800 | 19.0 | 94.5 | 95.2 | 95.6 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1500 | 19.0 | 94.7 | 95.4 | 96.0 | 96.6 | 96.6 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1200 | 19.0 | 94.8 | 95.5 | 96.1 | 96.8 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1000 | 19.0 | 95.3 | 96.0 | 96.5 | 97.4 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 900 | 19.0 | 95.8 | 96.5 | 97.0 | 97.9 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 19.0 | 96.3 | 97.0 | 97.6 | 98.5 | 98.5 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 | 19.0 | 96.4 | 97.1 | 97.8 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 19.0 | 96.4 | 97.1 | 97.8 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 19.0 | 96.8 | 97.6 | 98.2 | 99.3 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 19.0 | 96.8 | 97.6 | 98.2 | 99.3 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 19.0 | 96.8 | 97.6 | 98.2 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 19.0 | 96.8 | 97.6 | 98.2 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 19.0 | 96.8 | 97.6 | 98.2 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 19.0 | 96.8 | 97.6 | 98.2 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1216

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | MAY MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0800 HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 6.1 | 50.9 | 54.4 | 54.8 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 | 55.9 | 55.9 | 55.9 | 55.9 |
| ≥ 20000 | 6.3 | 52.9 | 56.5 | 57.2 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.3 | 58.3 | 58.3 | 58.3 |
| ≥ 18000 | 6.3 | 52.9 | 56.5 | 57.2 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.3 | 58.3 | 58.3 | 58.3 |
| ≥ 16000 | 6.3 | 52.9 | 56.5 | 57.2 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.3 | 58.3 | 58.3 | 58.3 |
| ≥ 14000 | 6.5 | 53.3 | 56.9 | 57.6 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 12000 | 6.5 | 54.0 | 57.6 | 58.3 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 10000 | 7.3 | 59.8 | 63.7 | 64.4 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.7 | 65.7 | 65.7 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 9000 | 7.3 | 59.9 | 63.8 | 64.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.8 | 65.8 | 65.8 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 8000 | 7.3 | 62.8 | 67.1 | 67.8 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 69.2 | 69.2 | 69.2 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 7000 | 7.3 | 63.1 | 67.4 | 68.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 | 69.4 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 6000 | 7.5 | 67.7 | 72.3 | 73.1 | 74.2 | 74.2 | 74.3 | 74.4 | 74.4 | 74.6 | 74.6 | 74.6 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 5000 | 7.8 | 72.0 | 77.0 | 77.8 | 78.9 | 78.9 | 79.0 | 79.1 | 79.1 | 79.4 | 79.4 | 79.4 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 4500 | 7.8 | 73.9 | 79.0 | 79.8 | 81.1 | 81.1 | 81.2 | 81.3 | 81.3 | 81.5 | 81.5 | 81.5 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 4000 | 8.0 | 78.9 | 84.9 | 86.1 | 87.5 | 87.5 | 87.6 | 87.7 | 87.7 | 88.0 | 88.0 | 88.0 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 3500 | 8.1 | 80.1 | 86.0 | 87.3 | 88.8 | 88.8 | 88.9 | 89.0 | 89.0 | 89.2 | 89.2 | 89.2 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 3000 | 8.1 | 82.3 | 88.3 | 89.5 | 91.4 | 91.4 | 91.5 | 91.6 | 91.6 | 91.8 | 91.8 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 2500 | 8.1 | 82.5 | 88.5 | 89.8 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 92.1 | 92.1 | 92.1 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 2000 | 8.2 | 83.5 | 89.5 | 90.8 | 92.7 | 92.7 | 92.8 | 92.9 | 92.9 | 93.2 | 93.2 | 93.2 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1800 | 8.2 | 83.6 | 89.7 | 90.9 | 92.8 | 92.9 | 93.0 | 93.1 | 93.1 | 93.4 | 93.4 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 1500 | 8.2 | 84.1 | 90.1 | 91.5 | 93.8 | 94.0 | 94.4 | 94.4 | 94.4 | 94.9 | 94.9 | 94.9 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1200 | 8.2 | 84.1 | 90.1 | 91.6 | 94.2 | 94.4 | 94.7 | 94.8 | 94.8 | 95.3 | 95.3 | 95.3 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1000 | 8.2 | 84.3 | 90.3 | 92.1 | 95.0 | 95.2 | 95.5 | 95.6 | 95.6 | 96.2 | 96.2 | 96.2 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 900 | 8.2 | 84.4 | 90.7 | 92.2 | 95.1 | 95.3 | 95.6 | 95.7 | 95.7 | 96.3 | 96.3 | 96.3 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 800 | 8.2 | 85.1 | 91.6 | 93.1 | 96.0 | 96.1 | 96.5 | 96.6 | 96.6 | 97.2 | 97.2 | 97.2 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 700 | 8.2 | 85.5 | 91.9 | 93.5 | 96.4 | 96.6 | 97.0 | 97.0 | 97.0 | 97.8 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 600 | 8.2 | 85.5 | 91.9 | 93.5 | 96.4 | 96.6 | 97.0 | 97.0 | 97.0 | 97.8 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 500 | 8.2 | 85.8 | 92.5 | 94.1 | 97.2 | 97.4 | 97.8 | 97.8 | 97.8 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 400 | 8.2 | 85.8 | 92.5 | 94.1 | 97.2 | 97.4 | 97.8 | 97.8 | 97.8 | 98.7 | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 300 | 8.2 | 85.8 | 92.5 | 94.2 | 97.3 | 97.5 | 97.9 | 98.0 | 98.0 | 98.9 | 98.9 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 8.2 | 85.8 | 92.5 | 94.2 | 97.3 | 97.5 | 97.9 | 98.0 | 98.0 | 98.9 | 98.9 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 8.2 | 85.8 | 92.5 | 94.2 | 97.3 | 97.5 | 97.9 | 98.0 | 98.0 | 98.9 | 98.9 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0 | 8.2 | 85.8 | 92.5 | 94.2 | 97.3 | 97.5 | 97.9 | 98.0 | 98.0 | 99.1 | 99.1 | 99.1 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TAI STATION NAME | 54-65 YEARS | MAY MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 3.5 | 17.3 | 24.1 | 27.6 | 31.3 | 31.7 | 34.0 | 34.6 | 34.6 | 35.9 | 35.9 | 35.9 | 36.5 | 36.5 | 36.5 | 36.6 |
| ≥ 20000 | 3.4 | 24.6 | 34.1 | 38.3 | 43.4 | 43.8 | 46.6 | 47.5 | 47.5 | 49.2 | 49.2 | 49.2 | 49.7 | 49.7 | 49.7 | 49.8 |
| ≥ 18000 | 3.4 | 24.7 | 34.1 | 38.4 | 43.5 | 43.9 | 46.8 | 47.7 | 47.7 | 49.4 | 49.4 | 49.4 | 49.9 | 49.9 | 49.9 | 50.0 |
| ≥ 16000 | 3.4 | 24.8 | 34.2 | 38.5 | 43.6 | 44.1 | 47.0 | 47.8 | 47.8 | 49.6 | 49.6 | 49.6 | 50.1 | 50.1 | 50.1 | 50.2 |
| ≥ 14000 | 3.6 | 26.4 | 36.2 | 40.9 | 46.2 | 46.8 | 49.7 | 50.6 | 50.6 | 52.3 | 52.3 | 52.3 | 52.9 | 52.9 | 52.9 | 53.0 |
| ≥ 12000 | 3.8 | 28.0 | 38.5 | 43.3 | 49.0 | 49.6 | 52.7 | 53.6 | 53.6 | 55.3 | 55.3 | 55.3 | 55.8 | 55.8 | 55.8 | 55.9 |
| ≥ 10000 | 6.4 | 31.7 | 43.8 | 49.7 | 56.7 | 57.3 | 60.4 | 61.4 | 61.4 | 63.2 | 63.2 | 63.3 | 63.8 | 63.8 | 63.8 | 63.9 |
| ≥ 9000 | 6.4 | 31.7 | 43.8 | 49.7 | 56.7 | 57.3 | 60.5 | 61.5 | 61.5 | 63.3 | 63.3 | 63.4 | 63.9 | 63.9 | 63.9 | 64.0 |
| ≥ 8000 | 6.5 | 32.9 | 45.3 | 51.5 | 58.8 | 59.7 | 63.3 | 64.2 | 64.2 | 66.3 | 66.3 | 66.4 | 66.9 | 66.9 | 66.9 | 67.0 |
| ≥ 7000 | 6.6 | 33.2 | 45.7 | 52.2 | 59.3 | 60.4 | 64.0 | 65.2 | 65.2 | 67.3 | 67.3 | 67.4 | 67.9 | 67.9 | 67.9 | 68.0 |
| ≥ 6000 | 6.6 | 35.0 | 43.8 | 55.6 | 63.4 | 64.4 | 68.8 | 70.2 | 70.5 | 72.8 | 72.8 | 72.9 | 73.5 | 73.5 | 73.5 | 73.7 |
| ≥ 5000 | 6.6 | 36.1 | 51.1 | 58.2 | 66.8 | 67.8 | 72.7 | 74.1 | 74.5 | 76.7 | 76.7 | 76.9 | 77.4 | 77.4 | 77.4 | 77.5 |
| ≥ 4500 | 6.7 | 36.6 | 51.9 | 59.1 | 67.7 | 68.8 | 73.9 | 75.4 | 75.7 | 78.1 | 78.1 | 78.3 | 78.9 | 78.9 | 78.9 | 79.0 |
| ≥ 4000 | 7.0 | 38.0 | 54.6 | 62.4 | 72.4 | 73.7 | 79.1 | 80.7 | 81.1 | 83.6 | 83.6 | 83.8 | 84.6 | 84.6 | 84.6 | 84.8 |
| ≥ 3500 | 7.1 | 38.8 | 55.5 | 63.4 | 73.6 | 74.9 | 80.4 | 82.0 | 82.3 | 85.0 | 85.0 | 85.2 | 86.2 | 86.2 | 86.2 | 86.4 |
| ≥ 3000 | 7.2 | 40.2 | 57.3 | 65.3 | 75.6 | 77.1 | 82.8 | 84.4 | 84.8 | 87.8 | 87.8 | 88.0 | 89.0 | 89.0 | 89.0 | 89.2 |
| ≥ 2500 | 7.4 | 41.2 | 58.7 | 66.8 | 77.2 | 78.7 | 84.5 | 86.1 | 86.5 | 89.6 | 89.6 | 89.8 | 90.8 | 90.8 | 90.8 | 90.9 |
| ≥ 2000 | 7.7 | 42.2 | 59.9 | 68.1 | 78.9 | 80.3 | 86.5 | 88.2 | 88.5 | 91.8 | 91.8 | 92.0 | 93.0 | 93.0 | 93.0 | 93.2 |
| ≥ 1800 | 7.7 | 42.4 | 60.2 | 68.5 | 79.2 | 80.6 | 86.8 | 88.5 | 88.9 | 92.2 | 92.2 | 92.4 | 93.4 | 93.4 | 93.4 | 93.5 |
| ≥ 1500 | 7.7 | 42.8 | 61.2 | 69.4 | 80.3 | 81.7 | 88.0 | 89.7 | 90.1 | 93.5 | 93.5 | 93.7 | 94.7 | 94.7 | 94.7 | 94.9 |
| ≥ 1200 | 7.7 | 43.1 | 61.6 | 69.8 | 80.7 | 82.2 | 88.4 | 90.1 | 90.5 | 94.0 | 94.0 | 94.2 | 95.2 | 95.2 | 95.2 | 95.3 |
| ≥ 1000 | 7.7 | 43.5 | 61.9 | 70.5 | 81.5 | 82.9 | 89.2 | 90.9 | 91.2 | 94.9 | 94.9 | 95.1 | 96.1 | 96.1 | 96.1 | 96.2 |
| ≥ 900 | 7.7 | 43.5 | 62.1 | 70.7 | 81.6 | 83.1 | 89.4 | 91.2 | 91.6 | 95.3 | 95.3 | 95.4 | 96.4 | 96.4 | 96.4 | 96.6 |
| ≥ 800 | 7.7 | 43.5 | 62.1 | 70.7 | 81.6 | 83.1 | 89.5 | 91.3 | 91.7 | 95.3 | 95.3 | 95.5 | 96.5 | 96.5 | 96.5 | 96.7 |
| ≥ 700 | 7.7 | 43.8 | 62.4 | 71.1 | 82.0 | 83.4 | 90.1 | 91.8 | 92.2 | 95.9 | 95.9 | 96.1 | 97.0 | 97.0 | 97.0 | 97.2 |
| ≥ 600 | 7.7 | 43.8 | 62.4 | 71.2 | 82.3 | 83.7 | 90.3 | 92.1 | 92.5 | 96.5 | 96.5 | 96.7 | 97.7 | 97.7 | 97.7 | 97.8 |
| ≥ 500 | 7.7 | 43.9 | 62.6 | 71.6 | 82.9 | 84.3 | 90.9 | 92.8 | 93.2 | 97.4 | 97.4 | 97.6 | 98.6 | 98.6 | 98.6 | 98.7 |
| ≥ 400 | 7.7 | 43.9 | 62.6 | 71.6 | 82.9 | 84.3 | 91.0 | 92.9 | 93.3 | 97.5 | 97.5 | 97.7 | 98.7 | 98.7 | 98.7 | 98.8 |
| ≥ 300 | 7.7 | 43.9 | 62.6 | 71.6 | 82.9 | 84.3 | 91.0 | 92.9 | 93.3 | 97.6 | 97.6 | 97.8 | 98.9 | 98.9 | 98.9 | 99.2 |
| ≥ 200 | 7.7 | 43.9 | 62.6 | 71.6 | 82.9 | 84.3 | 91.0 | 92.9 | 93.3 | 97.6 | 97.6 | 97.8 | 98.9 | 98.9 | 98.9 | 99.2 |
| ≥ 100 | 7.7 | 43.9 | 62.6 | 71.6 | 82.9 | 84.3 | 91.0 | 92.9 | 93.3 | 97.6 | 97.6 | 97.8 | 98.9 | 98.9 | 98.9 | 99.2 |
| 0 | 7.7 | 43.9 | 62.6 | 71.6 | 82.9 | 84.3 | 91.0 | 92.9 | 93.3 | 97.6 | 97.6 | 97.8 | 99.2 | 99.2 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAY (MONTH)

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

0900-1100 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¼ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 20.1 | 34.6 | 35.5 | 36.5 | 36.6 | 36.7 | 36.8 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| ≥ 20000 | 28.8 | 48.3 | 49.6 | 50.6 | 51.1 | 51.2 | 51.3 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 18000 | 28.9 | 48.7 | 49.7 | 50.8 | 51.3 | 51.3 | 51.4 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 16000 | 29.1 | 48.9 | 50.0 | 51.1 | 51.5 | 51.6 | 51.7 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| ≥ 14000 | 31.3 | 51.7 | 52.8 | 53.9 | 54.3 | 54.4 | 54.5 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| ≥ 12000 | 33.3 | 55.5 | 56.8 | 58.0 | 58.5 | 58.6 | 58.7 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 10000 | 36.0 | 64.1 | 65.9 | 67.4 | 68.1 | 68.2 | 68.3 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 9000 | 36.0 | 64.2 | 66.1 | 67.7 | 68.5 | 68.5 | 68.6 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 8000 | 36.9 | 67.2 | 69.2 | 70.8 | 71.6 | 71.7 | 71.8 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 7000 | 37.0 | 67.7 | 69.7 | 71.4 | 72.2 | 72.3 | 72.4 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 6000 | 37.9 | 69.8 | 72.2 | 74.2 | 75.1 | 75.2 | 75.3 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 5000 | 38.4 | 71.0 | 73.7 | 75.9 | 76.9 | 77.0 | 77.2 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 4500 | 38.5 | 71.3 | 74.2 | 76.4 | 77.4 | 77.5 | 77.7 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 4000 | 39.2 | 73.2 | 76.3 | 78.6 | 79.6 | 79.7 | 79.8 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 3500 | 39.2 | 73.2 | 76.4 | 78.9 | 79.8 | 79.9 | 80.1 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 3000 | 40.0 | 75.2 | 78.5 | 81.1 | 82.1 | 82.2 | 82.4 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 2500 | 43.0 | 81.0 | 84.4 | 87.2 | 88.2 | 88.3 | 88.6 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 2000 | 44.9 | 84.9 | 88.5 | 91.7 | 92.9 | 93.1 | 93.5 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1800 | 44.9 | 85.1 | 88.8 | 91.9 | 93.2 | 93.4 | 93.7 | 94.4 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1500 | 45.3 | 86.1 | 90.0 | 93.2 | 94.5 | 94.7 | 95.1 | 95.8 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1200 | 45.3 | 86.7 | 90.6 | 93.8 | 95.4 | 95.6 | 96.0 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1000 | 45.3 | 87.3 | 91.1 | 94.4 | 96.1 | 96.3 | 96.9 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 45.3 | 87.3 | 91.1 | 94.4 | 96.1 | 96.4 | 97.1 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 45.3 | 87.4 | 91.4 | 94.6 | 96.3 | 96.9 | 97.6 | 98.4 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 45.3 | 87.4 | 91.5 | 94.7 | 96.6 | 97.0 | 97.7 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 45.3 | 87.5 | 91.6 | 94.9 | 96.8 | 97.1 | 97.9 | 98.7 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 45.3 | 87.5 | 91.6 | 94.9 | 96.8 | 97.1 | 97.9 | 98.7 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 45.3 | 87.5 | 91.7 | 95.0 | 96.9 | 97.3 | 98.3 | 99.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 45.3 | 87.5 | 91.7 | 95.0 | 96.9 | 97.3 | 98.3 | 99.1 | 99.2 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 45.3 | 87.5 | 91.7 | 95.0 | 96.9 | 97.3 | 98.3 | 99.1 | 99.2 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 45.3 | 87.5 | 91.7 | 95.0 | 96.9 | 97.3 | 98.3 | 99.1 | 99.2 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| 0 | 45.3 | 87.5 | 91.7 | 95.0 | 96.9 | 97.3 | 98.3 | 99.1 | 99.2 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION — TAI-PAN FORMOSA/NEU-CHEU-TZE STATION NAME — 54-65 YEARS — MAY MONTH

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

1200-1400 HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5 16 | ≥¼ | ≥0 |
| NO CEILING | 37.5 | 43.1 | 43.4 | 43.4 | 43.4 | 43.5 | 43.5 | 43.5 | 43.5 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 |
| ≥ 20000 | 52.2 | 59.8 | 59.9 | 59.9 | 60.0 | 60.2 | 60.2 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 18000 | 52.5 | 59.9 | 60.2 | 60.3 | 60.4 | 60.6 | 60.6 | 60.7 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 16000 | 53.0 | 60.4 | 60.8 | 60.8 | 60.9 | 61.1 | 61.1 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 14000 | 57.3 | 65.0 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 12000 | 60.7 | 69.7 | 70.3 | 70.4 | 70.5 | 70.7 | 70.8 | 70.9 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 10000 | 65.8 | 78.0 | 78.7 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 9000 | 65.9 | 78.1 | 78.9 | 78.9 | 79.0 | 79.2 | 79.3 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 8000 | 67.5 | 80.7 | 81.5 | 81.5 | 81.6 | 81.8 | 81.9 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 7000 | 67.8 | 82.1 | 82.8 | 82.9 | 83.0 | 83.2 | 83.2 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 6000 | 68.5 | 83.4 | 84.2 | 84.3 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 5000 | 69.6 | 85.2 | 86.1 | 86.2 | 86.3 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 4500 | 69.9 | 86.1 | 87.1 | 87.3 | 87.4 | 87.5 | 87.6 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 4000 | 70.4 | 87.3 | 88.3 | 88.4 | 88.5 | 88.7 | 88.8 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 3500 | 70.5 | 87.5 | 88.4 | 88.6 | 88.7 | 88.9 | 89.0 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 3000 | 70.8 | 88.9 | 89.9 | 90.1 | 90.1 | 90.3 | 90.4 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 2500 | 73.0 | 91.8 | 92.8 | 93.0 | 93.1 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 2000 | 74.2 | 93.3 | 94.4 | 94.7 | 94.8 | 95.0 | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1800 | 74.3 | 93.7 | 94.8 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1500 | 74.6 | 94.5 | 95.6 | 96.1 | 96.4 | 96.6 | 96.7 | 96.8 | 96.8 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1200 | 74.9 | 94.9 | 96.0 | 96.5 | 96.8 | 97.0 | 97.0 | 97.1 | 97.1 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1000 | 75.1 | 95.3 | 96.4 | 97.0 | 97.2 | 97.4 | 97.5 | 97.6 | 97.6 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ [illegible] 0 | 75.1 | 95.3 | 96.4 | 97.0 | 97.2 | 97.5 | 97.6 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| [illegible] 0 | 75.3 | 95.6 | 96.8 | 97.3 | 97.7 | 98.1 | 98.2 | 98.3 | 98.3 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| [illegible] 0 | 75.3 | 95.6 | 96.8 | 97.3 | 97.8 | 98.2 | 98.3 | 98.4 | 98.4 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| [illegible] 0 | 75.3 | 95.6 | 96.8 | 97.3 | 97.9 | 98.4 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| [illegible] 0 | 75.3 | 95.6 | 96.8 | 97.3 | 98.0 | 98.5 | 98.6 | 98.8 | 98.8 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| [illegible] 0 | 75.3 | 95.7 | 96.9 | 97.4 | 98.1 | 98.7 | 98.7 | 99.0 | 99.0 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 75.3 | 95.7 | 96.9 | 97.4 | 98.1 | 98.7 | 98.7 | 99.0 | 99.0 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 75.3 | 95.7 | 96.9 | 97.4 | 98.1 | 98.7 | 98.7 | 99.0 | 99.0 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 75.3 | 95.7 | 96.9 | 97.4 | 98.1 | 98.7 | 98.7 | 99.0 | 99.0 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 75.3 | 95.7 | 96.9 | 97.4 | 98.1 | 98.7 | 98.7 | 99.0 | 99.0 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1115

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-WAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAY (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 36.5 | 41.4 | 41.4 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| ≥ 20000 | 50.8 | 56.9 | 56.9 | 57.0 | 57.0 | 57.3 | 57.3 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 18000 | 51.0 | 57.1 | 57.1 | 57.2 | 57.2 | 57.4 | 57.5 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 16000 | 51.8 | 57.9 | 57.9 | 58.0 | 58.0 | 58.2 | 58.3 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 14000 | 54.3 | 60.6 | 60.6 | 60.7 | 60.7 | 60.9 | 61.0 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 12000 | 57.1 | 63.9 | 63.9 | 64.0 | 64.0 | 64.2 | 64.3 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 10000 | 62.6 | 71.7 | 71.8 | 71.9 | 71.9 | 72.1 | 72.2 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 9000 | 62.7 | 71.8 | 71.9 | 72.0 | 72.0 | 72.2 | 72.3 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 8000 | 64.4 | 73.9 | 74.0 | 74.2 | 74.2 | 74.5 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 7000 | 65.1 | 74.9 | 75.0 | 75.2 | 75.2 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75. | |
| ≥ 6000 | 68.4 | 79.6 | 79.7 | 80.0 | 80.1 | 80.4 | 80.5 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 5000 | 69.6 | 81.6 | 81.9 | 82.2 | 82.3 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 4500 | 70.3 | 82.9 | 83.2 | 83.4 | 83.6 | 83.9 | 84.0 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 4000 | 72.2 | 85.8 | 86.0 | 86.3 | 86.5 | 86.7 | 86.8 | 86.9 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87. |
| ≥ 3500 | 72.8 | 86.7 | 87.2 | 87.5 | 87.6 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 3000 | 73.2 | 87.8 | 88.4 | 88.6 | 88.8 | 89.1 | 89.2 | 89.2 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 2500 | 74.8 | 91.1 | 91.7 | 92.0 | 92.2 | 92.5 | 92.6 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 2000 | 75.8 | 92.8 | 93.7 | 94.4 | 94.6 | 94.9 | 95.3 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1800 | 76.0 | 93.6 | 94.5 | 95.2 | 95.4 | 95.7 | 96.1 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1500 | 76.0 | 94.1 | 95.3 | 95.9 | 96.1 | 96.4 | 96.8 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1200 | 76.1 | 94.4 | 95.5 | 96.1 | 96.5 | 96.8 | 97.1 | 97.3 | 97.4 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1000 | 76.3 | 94.7 | 95.9 | 96.8 | 97.1 | 97.4 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900 | 76.4 | 94.9 | 96.1 | 97.0 | 97.4 | 97.7 | 98.0 | 98.2 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 76.4 | 95.0 | 96.2 | 97.2 | 97.6 | 98.1 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 | 76.4 | 95.0 | 96.4 | 97.4 | 97.8 | 98.3 | 98.7 | 98.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 76.4 | 95.1 | 96.5 | 97.5 | 97.8 | 98.4 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 76.4 | 95.2 | 96.6 | 97.6 | 97.9 | 98.5 | 99.1 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 76.4 | 95.2 | 96.6 | 97.6 | 97.9 | 98.5 | 99.1 | 99.4 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 76.4 | 95.2 | 96.6 | 97.6 | 97.9 | 98.5 | 99.1 | 99.4 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 76.4 | 95.2 | 96.6 | 97.6 | 97.9 | 98.5 | 99.1 | 99.4 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 76.4 | 95.2 | 96.6 | 97.6 | 97.9 | 98.5 | 99.1 | 99.4 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 76.4 | 95.2 | 96.6 | 97.6 | 97.9 | 98.5 | 99.1 | 99.4 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-63 (YEARS) MAY (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.7 | 40.5 | 40.5 | 40.7 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 |
| ≥ 20000 | 38.6 | 52.6 | 52.7 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| ≥ 18000 | 39.1 | 53.0 | 53.1 | 53.5 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 16000 | 39.4 | 53.4 | 53.5 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| ≥ 14000 | 40.3 | 54.4 | 54.5 | 54.9 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 12000 | 42.4 | 56.7 | 56.8 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 10000 | 46.7 | 64.1 | 64.3 | 64.8 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 9000 | 46.8 | 64.2 | 64.4 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 8000 | 47.8 | 68.0 | 68.3 | 68.7 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 7000 | 48.0 | 68.8 | 69.1 | 69.6 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 6000 | 50.9 | 73.6 | 73.8 | 74.4 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 5000 | 52.3 | 77.9 | 78.2 | 78.8 | 78.9 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 4500 | 52.7 | 78.9 | 79.3 | 79.9 | 80.1 | 80.2 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 4000 | 54.8 | 84.1 | 84.5 | 85.4 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 3500 | 56.1 | 86.3 | 86.9 | 88.0 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 3000 | 56.5 | 88.5 | 89.3 | 90.4 | 90.6 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 2500 | 57.3 | 90.5 | 91.4 | 92.5 | 92.7 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 2000 | 57.9 | 92.3 | 93.5 | 94.6 | 95.0 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1800 | 57.9 | 92.7 | 94.0 | 95.1 | 95.4 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1500 | 57.9 | 93.1 | 94.4 | 95.5 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1200 | 57.9 | 93.4 | 95.1 | 96.1 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1000 | 58.2 | 94.2 | 96.0 | 97.3 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900 | 58.2 | 94.2 | 96.0 | 97.3 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 58.2 | 94.2 | 96.1 | 97.6 | 98.1 | 98.3 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 58.2 | 94.2 | 96.1 | 97.8 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 58.2 | 94.4 | 96.3 | 98.0 | 98.7 | 99.0 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 58.2 | 94.4 | 96.3 | 98.0 | 98.7 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 58.2 | 94.4 | 96.3 | 98.1 | 98.8 | 99.2 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 58.2 | 94.4 | 96.3 | 98.1 | 98.8 | 99.2 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 58.2 | 94.4 | 96.3 | 98.1 | 98.8 | 99.2 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 58.2 | 94.4 | 96.3 | 98.1 | 98.8 | 99.2 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 58.2 | 94.4 | 96.3 | 98.1 | 98.8 | 99.2 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAY (MONTH)

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

2100-2300 (HOURS (L ST.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.1 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 20000 | 24.1 | 61.5 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 18000 | 24.5 | 61.9 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 16000 | 24.5 | 61.9 | 62.1 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 14000 | 25.2 | 63.0 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 12000 | 25.4 | 63.3 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 10000 | 27.0 | 67.3 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 9000 | 27.2 | 67.5 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 8000 | 28.1 | 71.2 | 71.4 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 7000 | 28.2 | 71.9 | 72.0 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 6000 | 28.7 | 76.8 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 5000 | 29.7 | 81.3 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 4500 | 29.9 | 82.6 | 82.8 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 4000 | 31.3 | 88.4 | 88.5 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 3500 | 32.1 | 90.8 | 91.0 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 3000 | 32.2 | 93.8 | 94.2 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 2500 | 32.2 | 95.1 | 95.4 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 2000 | 32.2 | 95.6 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1800 | 32.2 | 95.7 | 96.1 | 96.4 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1500 | 32.3 | 95.9 | 96.2 | 96.6 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1200 | 32.3 | 95.9 | 96.5 | 96.9 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1000 | 32.3 | 96.4 | 97.3 | 97.7 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 900 | 32.3 | 96.4 | 97.3 | 97.8 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 32.3 | 96.8 | 97.8 | 98.5 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 32.3 | 96.8 | 97.8 | 98.6 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 32.3 | 96.9 | 97.8 | 98.7 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 32.3 | 96.9 | 97.8 | 98.7 | 99.3 | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 32.3 | 96.9 | 97.8 | 98.7 | 99.3 | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 32.3 | 96.9 | 97.8 | 98.7 | 99.3 | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 32.3 | 96.9 | 97.8 | 98.7 | 99.3 | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 32.3 | 96.9 | 97.8 | 98.7 | 99.3 | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 32.3 | 96.9 | 97.8 | 98.7 | 99.3 | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) AV (MONTH)

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

ALL (HOURS (L.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.0 | 43.4 | 44.8 | 45.5 | 46.1 | 46.2 | 46.5 | 46.6 | 46.6 | 46.8 | 46.8 | 46.8 | 46.9 | 46.9 | 46.9 | 46.9 |
| ≥ 20000 | 27.7 | 52.7 | 54.5 | 55.4 | 56.2 | 56.3 | 56.7 | 56.9 | 56.9 | 57.1 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 |
| ≥ 18000 | 27.9 | 52.9 | 54.8 | 55.6 | 56.4 | 56.6 | 56.9 | 57.1 | 57.1 | 57.4 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 16000 | 28.1 | 53.2 | 55.0 | 55.9 | 56.7 | 56.9 | 57.2 | 57.4 | 57.4 | 57.7 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 |
| ≥ 14000 | 29.5 | 55.0 | 56.9 | 57.9 | 58.7 | 58.8 | 59.2 | 59.4 | 59.4 | 59.7 | 59.7 | 59.7 | 59.8 | 59.8 | 59.8 | 59.8 |
| ≥ 12000 | 30.9 | 57.2 | 59.2 | 60.2 | 61.1 | 61.2 | 61.7 | 61.9 | 61.9 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 10000 | 33.5 | 63.4 | 65.8 | 66.9 | 68.0 | 68.2 | 68.6 | 68.8 | 68.8 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 9000 | 33.6 | 63.5 | 65.9 | 67.0 | 68.2 | 68.3 | 68.8 | 69.0 | 69.0 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 8000 | 34.4 | 66.2 | 68.7 | 69.9 | 71.1 | 71.3 | 71.8 | 72.0 | 72.0 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.5 |
| ≥ 7000 | 34.6 | 66.9 | 69.4 | 70.7 | 71.9 | 72.1 | 72.6 | 72.8 | 72.8 | 73.1 | 73.1 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 6000 | 35.7 | 70.5 | 73.3 | 74.6 | 75.9 | 76.1 | 76.7 | 76.9 | 77.0 | 77.4 | 77.4 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 5000 | 36.5 | 73.4 | 76.5 | 77.9 | 79.3 | 79.5 | 80.2 | 80.5 | 80.5 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 4500 | 36.7 | 74.5 | 77.7 | 79.1 | 80.6 | 80.8 | 81.5 | 81.8 | 81.8 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 4000 | 37.7 | 78.1 | 81.6 | 83.3 | 84.9 | 85.1 | 85.9 | 86.2 | 86.2 | 86.6 | 86.6 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 3500 | 38.1 | 79.2 | 82.8 | 84.5 | 86.1 | 86.4 | 87.1 | 87.4 | 87.5 | 87.9 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 3000 | 38.3 | 81.1 | 84.8 | 86.6 | 88.3 | 88.5 | 89.3 | 89.6 | 89.7 | 90.1 | 90.1 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 2500 | 39.3 | 83.3 | 87.1 | 88.9 | 90.6 | 90.9 | 91.7 | 92.0 | 92.1 | 92.6 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 2000 | 40.0 | 84.9 | 88.8 | 90.8 | 92.6 | 92.9 | 93.8 | 94.1 | 94.2 | 94.6 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.9 |
| ≥ 1800 | 40.0 | 85.2 | 89.2 | 91.1 | 93.0 | 93.3 | 94.2 | 94.5 | 94.6 | 95.1 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1500 | 40.1 | 85.7 | 89.8 | 91.8 | 93.9 | 94.2 | 95.1 | 95.5 | 95.5 | 96.1 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.4 |
| ≥ 1200 | 40.2 | 85.9 | 90.1 | 92.1 | 94.3 | 94.6 | 95.6 | 95.9 | 96.0 | 96.6 | 96.6 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1000 | 40.2 | 86.4 | 90.6 | 92.8 | 95.0 | 95.3 | 96.4 | 96.8 | 96.8 | 97.5 | 97.5 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 900 | 40.3 | 86.5 | 90.8 | 92.9 | 95.2 | 95.5 | 96.6 | 97.0 | 97.0 | 97.7 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 40.3 | 86.7 | 91.1 | 93.3 | 95.6 | 96.0 | 97.2 | 97.5 | 97.6 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 40.3 | 86.8 | 91.3 | 93.5 | 95.8 | 96.2 | 97.4 | 97.8 | 97.8 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 40.3 | 86.9 | 91.3 | 93.6 | 96.0 | 96.4 | 97.6 | 98.0 | 98.0 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 40.3 | 87.0 | 91.5 | 93.8 | 96.3 | 96.7 | 97.9 | 98.3 | 98.4 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 40.3 | 87.0 | 91.5 | 93.8 | 96.3 | 96.7 | 98.0 | 98.4 | 98.5 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 40.3 | 87.0 | 91.5 | 93.8 | 96.3 | 96.8 | 98.0 | 98.5 | 98.5 | 99.4 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 200 | 40.3 | 87.0 | 91.5 | 93.8 | 96.3 | 96.8 | 98.0 | 98.5 | 98.5 | 99.4 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 100 | 40.3 | 87.0 | 91.5 | 93.8 | 96.3 | 96.8 | 98.0 | 98.5 | 98.5 | 99.4 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 |
| 0 | 40.3 | 87.0 | 91.5 | 93.8 | 96.3 | 96.8 | 98.0 | 98.5 | 98.5 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8928

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 13.1 | 47.6 | 47.6 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| ≥ 20000 | 14.9 | 54.2 | 54.2 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 18000 | 15.5 | 54.7 | 54.7 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| ≥ 16000 | 15.6 | 54.9 | 54.9 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 14000 | 16.3 | 56.0 | 56.0 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| ≥ 12000 | 16.8 | 57.4 | 57.4 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 10000 | 17.5 | 62.1 | 62.1 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 9000 | 17.5 | 62.2 | 62.2 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 8000 | 17.8 | 65.6 | 65.6 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 7000 | 17.8 | 66.4 | 66.4 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 6000 | 18.1 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 5000 | 18.7 | 73.1 | 73.2 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 4500 | 18.7 | 74.4 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 4000 | 18.8 | 80.6 | 81.1 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 3500 | 19.4 | 83.4 | 83.9 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 3000 | 19.6 | 87.6 | 88.3 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 2500 | 19.9 | 89.2 | 90.0 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 2000 | 20.1 | 90.9 | 91.9 | 92.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1800 | 20.1 | 91.3 | 92.3 | 93.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1500 | 20.1 | 92.2 | 93.4 | 94.2 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1200 | 20.1 | 92.7 | 94.1 | 95.1 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1000 | 20.1 | 93.1 | 94.7 | 95.8 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 900 | 20.1 | 93.1 | 94.7 | 95.8 | 97.5 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 20.1 | 93.2 | 94.8 | 96.0 | 97.8 | 97.9 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 20.1 | 93.4 | 95.0 | 96.7 | 98.4 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 600 | 20.1 | 93.6 | 95.2 | 96.9 | 98.7 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 20.1 | 93.6 | 95.2 | 96.9 | 98.8 | 98.9 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 20.1 | 93.6 | 95.2 | 96.9 | 98.8 | 98.9 | 99.4 | 99.4 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 20.1 | 93.6 | 95.2 | 96.9 | 98.8 | 98.9 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 20.1 | 93.6 | 95.2 | 96.9 | 98.8 | 98.9 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 20.1 | 93.6 | 95.2 | 96.9 | 98.8 | 98.9 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 20.1 | 93.6 | 95.2 | 96.9 | 98.8 | 98.9 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1060

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JUL MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 7.3 | 42.9 | 45.0 | 45.7 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 20000 | 8.7 | 49.4 | 51.7 | 52.4 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 18000 | 9.0 | 49.7 | 52.0 | 52.8 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.5 | 53.5 | 53.5 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 16000 | 9.1 | 49.8 | 52.1 | 52.9 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.6 | 53.6 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 |
| ≥ 14000 | 9.3 | 50.3 | 52.6 | 53.3 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 12000 | 9.8 | 51.7 | 54.0 | 54.8 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 10000 | 10.6 | 56.3 | 58.6 | 59.4 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 9000 | 10.6 | 56.4 | 58.7 | 59.5 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 8000 | 10.8 | 59.0 | 61.4 | 62.2 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 63.0 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 7000 | 10.8 | 59.3 | 61.7 | 62.5 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 6000 | 11.2 | 62.2 | 64.6 | 65.5 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 5000 | 11.9 | 66.5 | 69.0 | 69.8 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 4500 | 11.9 | 67.8 | 70.6 | 71.4 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.4 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 4000 | 11.9 | 74.0 | 77.3 | 78.3 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 3500 | 12.1 | 75.5 | 79.0 | 80.0 | 80.6 | 80.6 | 80.8 | 80.8 | 80.8 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 3000 | 12.3 | 78.3 | 82.4 | 84.0 | 85.0 | 85.0 | 85.4 | 85.4 | 85.4 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 2500 | 12.4 | 79.9 | 84.3 | 86.0 | 87.0 | 87.0 | 87.5 | 87.5 | 87.5 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 2000 | 12.8 | 82.9 | 87.5 | 90.0 | 91.4 | 91.4 | 91.9 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 1800 | 12.8 | 83.3 | 88.0 | 90.6 | 92.0 | 92.1 | 92.6 | 92.6 | 92.6 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 1500 | 12.9 | 84.2 | 89.3 | 92.1 | 93.6 | 93.7 | 94.3 | 94.3 | 94.3 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1200 | 12.9 | 84.8 | 90.0 | 93.0 | 94.4 | 94.5 | 95.1 | 95.2 | 95.2 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1000 | 12.9 | 85.7 | 91.1 | 94.4 | 96.1 | 96.3 | 96.9 | 97.0 | 97.0 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 900 | 12.9 | 85.7 | 91.1 | 94.4 | 96.1 | 96.3 | 96.9 | 97.0 | 97.0 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 800 | 12.9 | 85.8 | 91.2 | 94.5 | 96.4 | 96.6 | 97.5 | 97.6 | 97.6 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | 12.9 | 85.8 | 91.2 | 94.7 | 96.8 | 96.9 | 98.0 | 98.1 | 98.1 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 12.9 | 86.2 | 91.6 | 95.3 | 97.3 | 97.6 | 98.7 | 98.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 12.9 | 86.2 | 91.6 | 95.3 | 97.7 | 98.0 | 99.2 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 12.9 | 86.2 | 91.6 | 95.3 | 97.7 | 98.0 | 99.2 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 12.9 | 86.2 | 91.6 | 95.3 | 97.8 | 98.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 12.9 | 86.2 | 91.6 | 95.3 | 97.8 | 98.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 12.9 | 86.2 | 91.6 | 95.3 | 97.8 | 98.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 12.9 | 86.2 | 91.6 | 95.3 | 97.8 | 98.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1060

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUN (MONTH)

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

0600-0800 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 4.4 | 15.9 | 19.7 | 20.6 | 22.3 | 22.4 | 23.0 | 23.2 | 23.2 | 23.3 | 23.3 | 23.3 | 23.3 | 23.3 | 23.3 | 23.3 |
| ≥ 20000 | 9.4 | 30.9 | 37.0 | 39.3 | 42.0 | 42.3 | 43.1 | 43.4 | 43.4 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 |
| ≥ 18000 | 9.4 | 31.1 | 37.2 | 39.4 | 42.2 | 42.5 | 43.2 | 43.6 | 43.6 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 |
| ≥ 16000 | 9.4 | 31.1 | 37.2 | 39.4 | 42.2 | 42.5 | 43.2 | 43.5 | 43.6 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 |
| ≥ 14000 | 9.7 | 32.5 | 38.7 | 41.0 | 43.8 | 44.1 | 44.8 | 45.2 | 45.2 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| ≥ 12000 | 10.6 | 34.4 | 41.5 | 43.8 | 46.9 | 47.1 | 47.9 | 48.2 | 48.2 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| ≥ 10000 | 11.3 | 39.5 | 48.9 | 51.8 | 55.5 | 55.7 | 56.6 | 56.9 | 56.9 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 9000 | 11.3 | 39.6 | 49.0 | 51.9 | 55.6 | 55.8 | 56.7 | 57.0 | 57.0 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 8000 | 11.5 | 41.2 | 50.9 | 54.0 | 58.1 | 58.4 | 59.4 | 59.8 | 59.8 | 60.2 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 7000 | 11.5 | 41.8 | 51.5 | 54.5 | 58.7 | 59.0 | 60.0 | 60.4 | 60.4 | 60.7 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 6000 | 11.7 | 43.4 | 53.5 | 56.7 | 61.0 | 61.3 | 62.5 | 62.9 | 62.9 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 5000 | 11.9 | 45.2 | 55.4 | 58.8 | 63.2 | 63.5 | 64.9 | 65.3 | 65.3 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 4500 | 11.9 | 46.2 | 57.0 | 60.6 | 65.2 | 65.6 | 67.0 | 67.4 | 67.4 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 4000 | 12.2 | 48.8 | 60.2 | 64.2 | 69.2 | 69.7 | 71.8 | 72.1 | 72.1 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 3500 | 12.4 | 49.6 | 61.1 | 65.1 | 70.2 | 70.7 | 72.6 | 73.1 | 73.1 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 3000 | 12.7 | 51.4 | 63.5 | 67.6 | 73.1 | 73.7 | 75.9 | 76.3 | 76.3 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 2500 | 13.4 | 54.7 | 67.6 | 72.2 | 78.2 | 78.8 | 81.2 | 81.6 | 81.6 | 82.1 | 82.1 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 2000 | 14.0 | 58.1 | 71.4 | 76.8 | 83.6 | 84.3 | 86.9 | 87.3 | 87.3 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 1800 | 14.2 | 58.6 | 71.9 | 77.4 | 84.4 | 85.0 | 87.7 | 88.1 | 88.2 | 88.9 | 88.9 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 1500 | 14.3 | 59.6 | 73.3 | 79.3 | 86.5 | 87.1 | 90.6 | 91.0 | 91.1 | 91.9 | 91.9 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 1200 | 14.3 | 60.2 | 74.1 | 80.1 | 87.5 | 88.1 | 91.8 | 92.2 | 92.3 | 93.2 | 93.2 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1000 | 14.3 | 60.6 | 74.7 | 80.9 | 88.4 | 89.2 | 93.0 | 93.4 | 93.5 | 94.6 | 94.6 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 900 | 14.3 | 60.9 | 75.0 | 81.4 | 89.0 | 89.7 | 93.5 | 94.0 | 94.1 | 95.2 | 95.2 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 800 | 14.3 | 61.1 | 75.4 | 81.8 | 89.8 | 90.6 | 94.5 | 95.0 | 95.1 | 96.2 | 96.2 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 700 | 14.3 | 61.2 | 75.6 | 82.0 | 90.1 | 90.8 | 94.8 | 95.3 | 95.4 | 96.5 | 96.5 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 600 | 14.3 | 61.2 | 75.8 | 82.4 | 90.8 | 91.6 | 95.6 | 96.0 | 96.1 | 97.3 | 97.3 | 97.9 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 500 | 14.3 | 61.2 | 76.0 | 82.6 | 91.3 | 92.0 | 96.2 | 96.7 | 96.8 | 98.1 | 98.1 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 14.3 | 61.2 | 76.0 | 82.6 | 91.5 | 92.2 | 96.4 | 96.9 | 97.0 | 98.3 | 98.3 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 14.3 | 61.2 | 76.0 | 82.6 | 91.5 | 92.2 | 96.4 | 96.9 | 97.0 | 98.3 | 98.3 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 14.3 | 61.2 | 76.0 | 82.6 | 91.5 | 92.2 | 96.4 | 96.9 | 97.0 | 98.3 | 98.3 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 14.3 | 61.2 | 76.0 | 82.6 | 91.5 | 92.2 | 96.4 | 96.9 | 97.0 | 98.3 | 98.3 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 |
| 0 | 14.3 | 61.2 | 76.0 | 82.6 | 91.5 | 92.2 | 96.4 | 96.9 | 97.0 | 98.3 | 98.3 | 99.1 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZU STATION NAME | 54-65 YEARS | J MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 13.1 | 19.4 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 |
| ≥ 20000 | 28.4 | 39.9 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 |
| ≥ 18000 | 28.8 | 40.3 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 |
| ≥ 16000 | 28.8 | 40.3 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 |
| ≥ 14000 | 30.8 | 42.7 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 |
| ≥ 12000 | 34.6 | 48.2 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 |
| ≥ 10000 | 38.1 | 54.6 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 9000 | 38.1 | 54.6 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 8000 | 39.2 | 57.1 | 57.6 | 57.7 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 7000 | 39.8 | 58.1 | 58.5 | 58.6 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 6000 | 40.7 | 59.8 | 60.6 | 60.7 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 5000 | 41.1 | 61.3 | 62.2 | 62.3 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 4500 | 41.2 | 61.9 | 62.9 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 4000 | 42.0 | 63.7 | 64.8 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 3500 | 42.0 | 64.1 | 65.4 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 3000 | 42.6 | 66.5 | 68.1 | 68.4 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 2500 | 46.8 | 74.8 | 76.8 | 77.4 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 2000 | 49.8 | 83.3 | 85.6 | 86.5 | 87.0 | 87.1 | 87.2 | 87.2 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 1800 | 50.0 | 84.9 | 86.3 | 87.1 | 87.8 | 87.9 | 88.1 | 88.1 | 88.3 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 1500 | 50.5 | 86.2 | 88.9 | 89.9 | 90.6 | 90.7 | 91.4 | 91.7 | 91.9 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1200 | 50.9 | 87.2 | 90.0 | 91.2 | 92.0 | 92.1 | 93.0 | 93.3 | 93.6 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1000 | 50.9 | 87.6 | 90.3 | 91.7 | 92.5 | 92.6 | 93.5 | 94.4 | 94.7 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 900 | 50.9 | 87.7 | 90.6 | 91.8 | 92.7 | 92.8 | 94.0 | 94.6 | 94.9 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 800 | 50.9 | 87.9 | 90.7 | 92.1 | 93.1 | 93.2 | 94.4 | 95.2 | 95.5 | 96.2 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 700 | 50.9 | 88.0 | 90.8 | 92.4 | 93.4 | 93.6 | 94.8 | 95.6 | 95.8 | 96.9 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 600 | 50.9 | 88.0 | 91.2 | 92.9 | 94.4 | 94.5 | 95.8 | 96.7 | 96.9 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 50.9 | 88.1 | 91.3 | 93.0 | 94.6 | 94.8 | 96.2 | 97.0 | 97.3 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 50.9 | 88.1 | 91.4 | 93.1 | 94.8 | 95.0 | 96.4 | 97.2 | 97.5 | 99.4 | 99.4 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 50.9 | 88.1 | 91.4 | 93.1 | 94.8 | 95.0 | 96.4 | 97.2 | 97.5 | 99.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 50.9 | 88.1 | 91.4 | 93.1 | 94.8 | 95.0 | 96.4 | 97.2 | 97.5 | 99.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 50.9 | 88.1 | 91.4 | 93.1 | 94.8 | 95.0 | 96.4 | 97.2 | 97.5 | 99.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 50.9 | 88.1 | 91.4 | 93.1 | 94.8 | 95.0 | 96.4 | 97.2 | 97.5 | 99.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1000

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUN (MONTH)

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

1200-1400 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 19.0 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 |
| ≥ 20000 | 39.2 | 44.5 | 44.7 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 |
| ≥ 18000 | 40.0 | 45.5 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| ≥ 16000 | 40.2 | 45.6 | 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 | 45.8 |
| ≥ 14000 | 43.4 | 49.2 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| ≥ 12000 | 46.9 | 53.4 | 53.5 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.5 | 53.6 | 53.6 |
| ≥ 10000 | 52.3 | 60.2 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 9000 | 52.4 | 60.3 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 8000 | 54.1 | 62.8 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 7000 | 54.4 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 6000 | 55.4 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 5000 | 56.1 | 65.7 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 4500 | 56.7 | 66.6 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 4000 | 58.1 | 68.8 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 3500 | 58.3 | 69.3 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 3000 | 59.5 | 71.1 | 71.5 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 2500 | 64.4 | 78.5 | 78.9 | 79.4 | 79.6 | 79.7 | 79.8 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 2000 | 68.3 | 87.3 | 87.9 | 88.5 | 88.7 | 88.8 | 88.9 | 89.0 | 89.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 1800 | 68.5 | 87.9 | 88.5 | 89.3 | 89.5 | 89.6 | 89.8 | 90.2 | 90.2 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 1500 | 68.9 | 89.4 | 90.4 | 91.1 | 91.5 | 91.6 | 91.8 | 92.1 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 1200 | 68.9 | 89.8 | 90.9 | 91.9 | 92.2 | 92.3 | 92.7 | 93.1 | 93.1 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1000 | 69.0 | 90.4 | 91.6 | 92.6 | 93.0 | 93.1 | 93.9 | 94.4 | 94.4 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 900 | 69.0 | 90.6 | 91.8 | 92.8 | 93.1 | 93.2 | 94.1 | 94.5 | 94.5 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 800 | 69.0 | 91.0 | 92.3 | 93.5 | 94.0 | 94.1 | 94.9 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 700 | 69.0 | 91.2 | 92.6 | 93.8 | 94.4 | 94.4 | 95.3 | 95.8 | 95.8 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 600 | 69.0 | 91.5 | 93.3 | 94.5 | 95.3 | 95.4 | 96.3 | 96.9 | 96.9 | 97.8 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 500 | 69.0 | 91.5 | 93.4 | 94.7 | 95.7 | 95.8 | 97.0 | 97.6 | 97.6 | 98.6 | 98.6 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 69.0 | 91.5 | 93.4 | 94.7 | 95.7 | 95.8 | 97.1 | 97.7 | 97.7 | 98.7 | 98.7 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 69.0 | 91.5 | 93.4 | 94.7 | 95.7 | 95.8 | 97.1 | 97.8 | 97.8 | 99.0 | 99.0 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 69.0 | 91.5 | 93.4 | 94.8 | 95.9 | 96.0 | 97.3 | 98.0 | 98.0 | 99.2 | 99.2 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 69.0 | 91.5 | 93.4 | 94.8 | 95.9 | 96.0 | 97.3 | 98.0 | 98.0 | 99.2 | 99.2 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 69.0 | 91.5 | 93.4 | 94.8 | 95.9 | 96.0 | 97.3 | 98.0 | 98.0 | 99.2 | 99.2 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080



DATA PROCESSING FORMS 33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-MAN FORMOSA/NEU-CHEU-TZ STATION NAME | 54-65 YEARS | JAN MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 16.4 | 17.3 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 |
| ≥ 20000 | 37.3 | 40.6 | 40.6 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| ≥ 18000 | 38.1 | 41.4 | 41.4 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| ≥ 16000 | 38.5 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 |
| ≥ 14000 | 41.1 | 44.7 | 44.7 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 |
| ≥ 12000 | 44.3 | 48.3 | 48.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| ≥ 10000 | 50.1 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 9000 | 50.3 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 8000 | 51.8 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 7000 | 52.5 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 6000 | 54.5 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 5000 | 56.0 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 4500 | 56.7 | 65.8 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 4000 | 58.1 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 3500 | 58.3 | 70.3 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 3000 | 59.4 | 72.6 | 72.8 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 2500 | 63.6 | 78.6 | 78.9 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 2000 | 67.4 | 86.2 | 86.6 | 87.4 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 1800 | 67.7 | 86.9 | 87.2 | 88.4 | 88.9 | 89.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 1500 | 68.6 | 88.8 | 89.4 | 90.8 | 91.5 | 91.9 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 1200 | 68.8 | 89.7 | 90.7 | 92.2 | 93.0 | 93.3 | 93.8 | 93.8 | 93.8 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1000 | 68.9 | 90.2 | 91.2 | 93.0 | 93.7 | 94.1 | 94.9 | 95.1 | 95.1 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 900 | 68.9 | 90.5 | 91.5 | 93.3 | 94.1 | 94.4 | 95.3 | 95.5 | 95.5 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 800 | 68.9 | 90.6 | 91.7 | 93.8 | 94.8 | 95.2 | 96.1 | 96.3 | 96.3 | 96.6 | 96.6 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 700 | 68.9 | 91.1 | 92.1 | 94.6 | 95.6 | 96.0 | 96.9 | 97.1 | 97.1 | 97.5 | 97.5 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 600 | 68.9 | 91.1 | 92.3 | 94.9 | 96.0 | 96.4 | 97.3 | 97.5 | 97.7 | 98.2 | 98.2 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 68.9 | 91.2 | 92.5 | 95.4 | 96.6 | 96.9 | 98.0 | 98.1 | 98.3 | 98.9 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 400 | 68.9 | 91.2 | 92.5 | 95.4 | 96.6 | 96.9 | 98.0 | 98.1 | 98.3 | 98.9 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 300 | 68.9 | 91.3 | 92.6 | 95.5 | 96.7 | 97.0 | 98.1 | 98.3 | 98.5 | 99.2 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 68.9 | 91.3 | 92.6 | 95.5 | 96.7 | 97.0 | 98.1 | 98.3 | 98.5 | 99.2 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 68.9 | 91.3 | 92.6 | 95.5 | 96.7 | 97.0 | 98.1 | 98.3 | 98.5 | 99.2 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 68.9 | 91.3 | 92.6 | 95.5 | 96.7 | 97.0 | 98.1 | 98.3 | 98.5 | 99.2 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUN (MONTH)

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

1400-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 12.6 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 13.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 |
| ≥ 20000 | 30.9 | 37.9 | 37.9 | 37.9 | 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 | 31.0 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 |
| ≥ 16000 | 32.2 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 |
| ≥ 14000 | 33.7 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 |
| ≥ 12000 | 34.6 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 |
| ≥ 10000 | 40.7 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 9000 | 40.8 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 8000 | 41.9 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 7000 | 42.1 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| ≥ 6000 | 43.6 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 5000 | 45.9 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 4500 | 46.7 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 4000 | 47.9 | 73.4 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 3500 | 48.1 | 75.3 | 75.4 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 3000 | 48.9 | 79.3 | 79.5 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 2500 | 51.2 | 84.0 | 84.4 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 2000 | 53.0 | 89.2 | 90.1 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 1800 | 53.2 | 89.8 | 90.8 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 1500 | 53.5 | 91.2 | 92.3 | 93.1 | 93.3 | 93.3 | 93.3 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 1200 | 53.8 | 92.2 | 93.7 | 94.6 | 94.9 | 94.9 | 95.2 | 95.2 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1000 | 53.9 | 92.9 | 94.4 | 95.4 | 95.8 | 95.8 | 96.6 | 96.6 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 900 | 53.9 | 93.0 | 94.5 | 95.5 | 95.9 | 95.9 | 96.9 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 800 | 53.9 | 93.3 | 95.1 | 96.1 | 96.7 | 96.7 | 97.8 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | 53.9 | 93.3 | 95.1 | 96.6 | 97.1 | 97.1 | 98.2 | 98.2 | 98.3 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 53.9 | 93.5 | 95.3 | 96.8 | 97.3 | 97.3 | 98.5 | 98.5 | 98.6 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 500 | 53.9 | 93.5 | 95.3 | 96.8 | 97.4 | 97.4 | 98.7 | 98.7 | 98.8 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥ 400 | 53.9 | 93.5 | 95.3 | 96.8 | 97.5 | 97.5 | 98.8 | 98.8 | 98.9 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥ 300 | 53.9 | 93.5 | 95.5 | 96.9 | 97.7 | 97.7 | 99.0 | 99.0 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 53.9 | 93.5 | 95.5 | 96.9 | 97.7 | 97.7 | 99.0 | 99.0 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 53.9 | 93.5 | 95.5 | 96.9 | 97.7 | 97.7 | 99.0 | 99.0 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| 0 | 53.9 | 93.5 | 95.5 | 96.9 | 97.7 | 97.7 | 99.0 | 99.0 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUN (MONTH)

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

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 19.9 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 |
| ≥ 20000 | 24.7 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| ≥ 18000 | 25.2 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| ≥ 16000 | 25.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| ≥ 14000 | 25.6 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| ≥ 12000 | 26.1 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 10000 | 28.5 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 9000 | 28.9 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 8000 | 29.7 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 7000 | 29.9 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 6000 | 30.5 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 5000 | 31.3 | 70.7 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 4500 | 31.8 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 4000 | 32.3 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 3500 | 32.8 | 83.1 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 3000 | 33.1 | 86.2 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 2500 | 33.3 | 88.1 | 88.8 | 88.9 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 2000 | 33.5 | 91.2 | 91.9 | 92.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 1800 | 33.5 | 91.5 | 92.2 | 92.6 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 1500 | 33.5 | 92.4 | 93.3 | 94.1 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1200 | 33.5 | 93.3 | 94.4 | 95.6 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1000 | 33.5 | 94.0 | 95.1 | 96.4 | 97.0 | 97.2 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 900 | 33.5 | 94.3 | 95.4 | 96.8 | 97.5 | 97.7 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 33.5 | 94.4 | 95.5 | 96.9 | 97.7 | 97.9 | 98.3 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 33.5 | 94.4 | 95.6 | 97.3 | 98.1 | 98.3 | 98.8 | 98.8 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 33.5 | 94.4 | 95.6 | 97.3 | 98.1 | 98.3 | 99.0 | 99.0 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 33.5 | 94.4 | 95.6 | 97.3 | 98.1 | 98.4 | 99.1 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 33.5 | 94.4 | 95.6 | 97.3 | 98.1 | 98.4 | 99.1 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 33.5 | 94.4 | 95.6 | 97.3 | 98.1 | 98.4 | 99.1 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 33.5 | 94.4 | 95.6 | 97.3 | 98.1 | 98.4 | 99.1 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 33.5 | 94.4 | 95.6 | 97.3 | 98.1 | 98.4 | 99.1 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 33.5 | 94.4 | 95.6 | 97.3 | 98.1 | 98.4 | 99.1 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMAT 33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUN (MONTH)

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

ALL (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 13.2 | 27.5 | 28.2 | 28.4 | 28.7 | 28.7 | 28.8 | 28.8 | 28.8 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 |
| ≥ 20000 | 24.2 | 43.2 | 44.3 | 44.7 | 45.1 | 45.1 | 45.2 | 45.2 | 45.2 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| ≥ 18000 | 24.7 | 43.7 | 44.8 | 45.2 | 45.6 | 45.7 | 45.8 | 45.8 | 45.8 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| ≥ 16000 | 24.9 | 43.9 | 45.0 | 45.4 | 45.8 | 45.9 | 45.9 | 46.0 | 46.0 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 |
| ≥ 14000 | 26.3 | 45.7 | 46.8 | 47.2 | 47.6 | 47.7 | 47.7 | 47.8 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| ≥ 12000 | 28.0 | 48.4 | 49.7 | 50.1 | 50.5 | 50.6 | 50.6 | 50.7 | 50.7 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| ≥ 10000 | 31.1 | 55.1 | 56.6 | 57.3 | 57.7 | 57.7 | 57.8 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 9000 | 31.2 | 55.3 | 56.8 | 57.3 | 57.8 | 57.9 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 8000 | 32.1 | 58.0 | 59.6 | 60.1 | 60.7 | 60.8 | 60.9 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 7000 | 32.3 | 58.7 | 60.3 | 60.8 | 61.4 | 61.4 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 6000 | 33.2 | 61.2 | 62.9 | 63.4 | 64.1 | 64.1 | 64.2 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 5000 | 34.1 | 64.2 | 66.0 | 66.6 | 67.2 | 67.2 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 4500 | 34.4 | 65.6 | 67.5 | 68.1 | 68.8 | 68.8 | 69.0 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 4000 | 35.2 | 69.9 | 72.0 | 72.7 | 73.5 | 73.5 | 73.8 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 3500 | 35.4 | 71.3 | 73.5 | 74.2 | 75.0 | 75.1 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 3000 | 36.0 | 74.1 | 76.6 | 77.5 | 78.4 | 78.5 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 2500 | 38.1 | 78.5 | 81.2 | 82.3 | 83.4 | 83.5 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 2000 | 39.9 | 83.6 | 86.6 | 88.0 | 89.4 | 89.5 | 89.9 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 1800 | 40.0 | 84.2 | 87.2 | 88.7 | 90.1 | 90.3 | 90.7 | 90.8 | 90.9 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 1500 | 40.3 | 85.5 | 88.8 | 90.6 | 92.1 | 92.3 | 93.0 | 93.1 | 93.2 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1200 | 40.4 | 86.3 | 89.7 | 91.7 | 93.3 | 93.5 | 94.3 | 94.5 | 94.5 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1000 | 40.4 | 86.8 | 90.4 | 92.5 | 94.3 | 94.5 | 95.5 | 95.8 | 95.8 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 900 | 40.4 | 87.0 | 90.6 | 92.7 | 94.5 | 94.7 | 95.8 | 96.1 | 96.1 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 800 | 40.4 | 87.2 | 90.8 | 93.1 | 95.0 | 95.3 | 96.5 | 96.7 | 96.8 | 97.3 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 700 | 40.4 | 87.3 | 91.0 | 93.5 | 95.5 | 95.7 | 97.0 | 97.2 | 97.3 | 97.9 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 600 | 40.4 | 87.4 | 91.3 | 93.9 | 96.0 | 96.2 | 97.6 | 97.8 | 97.9 | 98.6 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 40.4 | 87.5 | 91.4 | 94.0 | 96.3 | 96.5 | 98.0 | 98.2 | 98.3 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 400 | 40.4 | 87.5 | 91.4 | 94.0 | 96.3 | 96.6 | 98.0 | 98.3 | 98.4 | 99.3 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 40.4 | 87.5 | 91.4 | 94.0 | 96.4 | 96.6 | 98.1 | 98.4 | 98.5 | 99.4 | 99.4 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 40.4 | 87.5 | 91.4 | 94.0 | 96.4 | 96.7 | 98.1 | 98.4 | 98.5 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 40.4 | 87.5 | 91.4 | 94.0 | 96.4 | 96.7 | 98.1 | 98.4 | 98.5 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| 0 | 40.4 | 87.5 | 91.4 | 94.0 | 96.4 | 96.7 | 98.1 | 98.4 | 98.5 | 99.4 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8640

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHU-TZE (STATION NAME) 54-65 (YEARS) JUL (MONTH)

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

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 22.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 20000 | 25.1 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 18000 | 25.3 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 16000 | 25.3 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 14000 | 25.4 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 12000 | 25.6 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 10000 | 26.2 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 9000 | 26.2 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 8000 | 26.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 7000 | 26.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 6000 | 26.6 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 5000 | 26.6 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 4500 | 26.7 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 4000 | 27.5 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 3500 | 27.6 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 3000 | 28.2 | 89.6 | 89.8 | 89.8 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 2500 | 28.9 | 91.9 | 92.2 | 92.5 | 92.7 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 2000 | 28.9 | 93.1 | 93.6 | 94.3 | 94.6 | 94.6 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1800 | 28.7 | 93.2 | 93.7 | 94.4 | 94.7 | 94.7 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1500 | 28.7 | 93.6 | 94.4 | 95.2 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1200 | 28.8 | 94.0 | 94.8 | 95.6 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1000 | 28.8 | 94.4 | 95.3 | 96.1 | 97.2 | 97.2 | 97.8 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 29.0 | 94.8 | 95.6 | 96.6 | 97.7 | 97.7 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 29.0 | 95.1 | 95.9 | 96.9 | 98.4 | 98.4 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 29.0 | 95.1 | 95.9 | 97.0 | 98.5 | 98.5 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 29.0 | 95.1 | 95.9 | 97.2 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 29.0 | 95.1 | 95.9 | 97.3 | 98.9 | 98.9 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 29.0 | 95.1 | 95.9 | 97.3 | 98.9 | 98.9 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 29.0 | 95.1 | 95.9 | 97.3 | 98.9 | 98.9 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 29.0 | 95.1 | 95.9 | 97.3 | 98.9 | 98.9 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 29.0 | 95.1 | 95.9 | 97.3 | 98.9 | 98.9 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 29.0 | 95.1 | 95.9 | 97.3 | 98.9 | 98.9 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JUL MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0900 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 16.9 | 64.0 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 20000 | 18.6 | 70.0 | 71.7 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 18000 | 18.6 | 70.0 | 71.7 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 16000 | 18.6 | 70.1 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 14000 | 18.6 | 70.3 | 72.0 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 12000 | 18.9 | 71.0 | 72.7 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 10000 | 19.1 | 73.5 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 9000 | 19.1 | 73.5 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 8000 | 19.1 | 75.0 | 76.7 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 7000 | 19.1 | 75.1 | 76.8 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 6000 | 19.4 | 76.6 | 78.5 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 5000 | 19.9 | 78.8 | 80.5 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 4500 | 19.9 | 79.7 | 81.5 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 4000 | 20.2 | 83.3 | 85.4 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 3500 | 20.4 | 84.5 | 86.6 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 3000 | 20.6 | 86.7 | 89.0 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 2500 | 21.1 | 88.3 | 90.5 | 91.0 | 91.1 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 2000 | 21.4 | 91.1 | 93.9 | 94.8 | 95.0 | 95.0 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1800 | 21.4 | 91.1 | 93.9 | 94.8 | 95.0 | 95.0 | 95.5 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1500 | 21.4 | 91.6 | 94.5 | 95.4 | 95.7 | 95.7 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1200 | 21.5 | 91.8 | 95.1 | 96.1 | 96.6 | 96.6 | 97.5 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1000 | 21.5 | 91.8 | 95.2 | 96.3 | 97.0 | 97.0 | 97.9 | 97.9 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900 | 21.5 | 91.9 | 95.3 | 96.4 | 97.1 | 97.1 | 98.0 | 98.0 | 98.0 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 800 | 21.5 | 92.0 | 95.3 | 96.5 | 97.5 | 97.5 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 21.5 | 92.0 | 95.3 | 96.5 | 97.8 | 97.8 | 98.8 | 98.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 21.5 | 92.0 | 95.3 | 96.6 | 98.0 | 98.0 | 99.1 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 21.5 | 92.0 | 95.3 | 96.6 | 98.0 | 98.0 | 99.1 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 21.5 | 92.0 | 95.3 | 96.6 | 98.0 | 98.0 | 99.1 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 21.5 | 92.0 | 95.3 | 96.6 | 98.0 | 98.0 | 99.1 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 21.5 | 92.0 | 95.3 | 96.6 | 98.0 | 98.0 | 99.1 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 21.5 | 92.0 | 95.3 | 96.6 | 98.0 | 98.0 | 99.1 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0 | 21.5 | 92.0 | 95.3 | 96.6 | 98.0 | 98.0 | 99.1 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM AFL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TAI (STATION NAME) 54-65 (YEARS) JUL (MONTH)

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

0600-0800 (HOURS (L.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 10.2 | 29.0 | 36.9 | 38.4 | 41.3 | 41.5 | 41.8 | 42.0 | 42.0 | 42.3 | 42.3 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 20000 | 14.0 | 44.4 | 55.2 | 57.8 | 61.9 | 62.1 | 62.5 | 62.9 | 62.9 | 63.4 | 63.4 | 63.6 | 63.7 | 63.7 | 63.7 | 63.8 |
| ≥ 18000 | 14.0 | 44.7 | 55.5 | 58.1 | 62.2 | 62.4 | 62.8 | 63.2 | 63.2 | 63.7 | 63.7 | 63.9 | 64.0 | 64.0 | 64.0 | 64.1 |
| ≥ 16000 | 14.0 | 45.0 | 55.7 | 58.3 | 62.3 | 62.6 | 63.1 | 63.4 | 63.4 | 64.0 | 64.0 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 |
| ≥ 14000 | 14.5 | 46.2 | 57.6 | 60.3 | 64.4 | 64.6 | 65.1 | 65.4 | 65.4 | 65.9 | 65.9 | 66.1 | 66.2 | 66.2 | 66.2 | 66.3 |
| ≥ 12000 | 15.1 | 47.3 | 58.8 | 61.6 | 65.9 | 66.0 | 66.5 | 66.8 | 66.8 | 67.4 | 67.4 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 10000 | 15.2 | 51.0 | 63.3 | 66.4 | 70.7 | 70.9 | 71.3 | 72.0 | 72.0 | 72.5 | 72.5 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 9000 | 15.2 | 51.0 | 63.3 | 66.4 | 70.7 | 70.9 | 71.3 | 72.0 | 72.0 | 72.5 | 72.5 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 8000 | 15.4 | 52.1 | 64.4 | 67.6 | 72.0 | 72.2 | 72.8 | 73.4 | 73.4 | 73.9 | 73.9 | 74.1 | 74.2 | 74.2 | 74.2 | 74.3 |
| ≥ 7000 | 15.4 | 52.2 | 64.5 | 67.7 | 72.1 | 72.3 | 72.8 | 73.5 | 73.5 | 74.0 | 74.0 | 74.2 | 74.3 | 74.3 | 74.3 | 74.4 |
| ≥ 6000 | 15.5 | 52.9 | 65.4 | 68.6 | 73.1 | 73.3 | 73.8 | 74.5 | 74.5 | 75.0 | 75.0 | 75.2 | 75.3 | 75.3 | 75.3 | 75.4 |
| ≥ 5000 | 15.9 | 54.0 | 66.6 | 70.1 | 74.6 | 74.7 | 75.3 | 75.9 | 75.9 | 76.4 | 76.4 | 76.6 | 76.7 | 76.7 | 76.7 | 76.8 |
| ≥ 4500 | 16.1 | 54.7 | 67.3 | 70.8 | 75.4 | 75.6 | 76.2 | 76.8 | 76.8 | 77.3 | 77.3 | 77.5 | 77.6 | 77.6 | 77.6 | 77.7 |
| ≥ 4000 | 16.3 | 56.5 | 69.8 | 73.7 | 78.7 | 78.9 | 79.7 | 80.4 | 80.4 | 80.9 | 80.9 | 81.1 | 81.2 | 81.2 | 81.2 | 81.3 |
| ≥ 3500 | 16.4 | 57.0 | 70.3 | 74.3 | 79.2 | 79.4 | 80.4 | 81.0 | 81.0 | 81.5 | 81.5 | 81.7 | 81.8 | 81.8 | 81.8 | 81.9 |
| ≥ 3000 | 16.6 | 59.5 | 73.5 | 77.6 | 82.6 | 82.9 | 83.9 | 84.5 | 84.5 | 85.0 | 85.0 | 85.2 | 85.3 | 85.3 | 85.3 | 85.4 |
| ≥ 2500 | 16.7 | 61.3 | 76.0 | 80.5 | 85.6 | 85.8 | 87.0 | 87.6 | 87.6 | 88.2 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 |
| ≥ 2000 | 17.2 | 64.4 | 79.6 | 84.2 | 89.4 | 89.7 | 91.2 | 91.8 | 91.8 | 92.4 | 92.4 | 92.6 | 92.8 | 92.8 | 92.8 | 92.9 |
| ≥ 1800 | 17.2 | 64.6 | 79.7 | 84.5 | 89.7 | 90.0 | 91.5 | 92.1 | 92.1 | 92.7 | 92.7 | 92.8 | 93.1 | 93.1 | 93.1 | 93.2 |
| ≥ 1500 | 17.2 | 65.0 | 80.3 | 85.5 | 91.1 | 91.4 | 93.5 | 94.3 | 94.3 | 95.1 | 95.1 | 95.3 | 95.5 | 95.5 | 95.5 | 95.6 |
| ≥ 1200 | 17.2 | 65.1 | 80.5 | 85.8 | 91.8 | 92.0 | 94.3 | 95.3 | 95.3 | 96.3 | 96.3 | 96.5 | 96.8 | 96.8 | 96.8 | 96.9 |
| ≥ 1000 | 17.3 | 65.2 | 80.7 | 86.1 | 92.3 | 92.6 | 95.1 | 96.1 | 96.1 | 97.1 | 97.1 | 97.3 | 97.6 | 97.6 | 97.6 | 97.7 |
| ≥ 900 | 17.3 | 65.2 | 80.7 | 86.1 | 92.3 | 92.6 | 95.1 | 96.1 | 96.1 | 97.1 | 97.1 | 97.3 | 97.6 | 97.6 | 97.6 | 97.7 |
| ≥ 800 | 17.3 | 65.3 | 80.9 | 86.5 | 92.8 | 93.1 | 95.7 | 96.8 | 96.8 | 98.0 | 98.0 | 98.2 | 98.9 | 98.9 | 98.9 | 99.0 |
| ≥ 700 | 17.3 | 65.3 | 80.9 | 86.6 | 93.0 | 93.3 | 95.9 | 97.0 | 97.0 | 98.2 | 98.2 | 98.4 | 99.1 | 99.1 | 99.1 | 99.2 |
| ≥ 600 | 17.3 | 65.3 | 80.9 | 86.6 | 93.0 | 93.3 | 96.0 | 97.0 | 97.0 | 98.5 | 98.5 | 98.7 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 500 | 17.3 | 65.3 | 80.9 | 86.6 | 93.0 | 93.3 | 96.0 | 97.0 | 97.0 | 98.5 | 98.5 | 98.7 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 400 | 17.3 | 65.3 | 80.9 | 86.6 | 93.0 | 93.3 | 96.0 | 97.0 | 97.0 | 98.5 | 98.5 | 98.7 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 300 | 17.3 | 65.3 | 80.9 | 86.6 | 93.1 | 93.4 | 96.2 | 97.3 | 97.3 | 98.8 | 98.8 | 99.0 | 99.8 | 99.8 | 99.8 | 100.0 |
| ≥ 200 | 17.3 | 65.3 | 80.9 | 86.6 | 93.1 | 93.4 | 96.2 | 97.3 | 97.3 | 98.8 | 98.8 | 99.0 | 99.8 | 99.8 | 99.8 | 100.0 |
| ≥ 100 | 17.3 | 65.3 | 80.9 | 86.6 | 93.1 | 93.4 | 96.2 | 97.3 | 97.3 | 98.8 | 98.8 | 99.0 | 99.8 | 99.8 | 99.8 | 100.0 |
| ≥ 0 | 17.3 | 65.3 | 80.9 | 86.6 | 93.1 | 93.4 | 96.2 | 97.3 | 97.3 | 98.8 | 98.8 | 99.0 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 25.7 | 32.4 | 32.7 | 32.9 | 33.0 | 33.0 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 |
| ≥ 20000 | 38.7 | 50.4 | 50.7 | 50.9 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| ≥ 18000 | 38.7 | 50.4 | 50.7 | 50.9 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| ≥ 16000 | 38.8 | 50.6 | 50.9 | 51.1 | 51.2 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| ≥ 14000 | 40.1 | 52.3 | 52.6 | 52.8 | 52.9 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| ≥ 12000 | 41.4 | 54.2 | 54.6 | 54.7 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| ≥ 10000 | 44.0 | 58.2 | 58.5 | 58.7 | 58.8 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 9000 | 44.0 | 58.2 | 58.5 | 58.7 | 58.8 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 8000 | 44.4 | 59.1 | 59.5 | 59.7 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 7000 | 44.4 | 59.4 | 59.8 | 59.9 | 60.0 | 60.0 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 6000 | 44.9 | 60.1 | 60.5 | 60.7 | 60.8 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 5000 | 45.0 | 60.8 | 61.2 | 61.4 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| ≥ 4500 | 45.4 | 61.7 | 62.1 | 62.3 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 4000 | 46.0 | 63.4 | 63.9 | 64.1 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 3500 | 46.4 | 64.1 | 64.5 | 64.7 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 3000 | 48.3 | 67.7 | 68.1 | 68.4 | 68.6 | 68.6 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 2500 | 54.4 | 77.4 | 78.1 | 78.5 | 78.9 | 78.9 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 2000 | 59.0 | 88.2 | 89.0 | 89.3 | 89.7 | 89.7 | 90.1 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 1800 | 59.1 | 88.8 | 89.7 | 90.1 | 90.5 | 90.5 | 90.9 | 91.0 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 1500 | 60.0 | 91.0 | 91.9 | 92.5 | 93.1 | 93.1 | 93.8 | 94.0 | 94.0 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1200 | 60.1 | 91.5 | 92.7 | 93.4 | 94.2 | 94.2 | 95.2 | 95.3 | 95.3 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1000 | 60.1 | 91.8 | 93.0 | 93.9 | 94.8 | 94.8 | 96.0 | 96.1 | 96.1 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | 60.1 | 91.8 | 93.0 | 94.1 | 95.0 | 95.0 | 96.1 | 96.3 | 96.3 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 800 | 60.1 | 91.9 | 93.3 | 94.4 | 95.6 | 95.6 | 97.0 | 97.1 | 97.1 | 98.4 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 60.1 | 92.0 | 93.4 | 94.5 | 95.7 | 95.7 | 97.0 | 97.2 | 97.2 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 60.1 | 92.0 | 93.4 | 94.6 | 95.8 | 95.8 | 97.3 | 97.5 | 97.5 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 60.1 | 92.0 | 93.4 | 94.6 | 95.9 | 95.9 | 97.5 | 97.7 | 97.7 | 99.2 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥ 400 | 60.1 | 92.0 | 93.4 | 94.6 | 95.9 | 95.9 | 97.5 | 97.8 | 97.8 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.8 |
| ≥ 300 | 60.1 | 92.0 | 93.4 | 94.6 | 95.9 | 96.0 | 97.6 | 97.8 | 97.8 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.9 |
| ≥ 200 | 60.1 | 92.0 | 93.4 | 94.6 | 95.9 | 96.0 | 97.6 | 97.8 | 97.8 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 |
| ≥ 100 | 60.1 | 92.0 | 93.4 | 94.6 | 95.9 | 96.0 | 97.6 | 97.8 | 97.8 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 |
| 0 | 60.1 | 92.0 | 93.4 | 94.6 | 95.9 | 96.0 | 97.6 | 97.8 | 97.8 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-63 (YEARS) JUL (MONTH)

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

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5 16 | ≥¼ | ≥0 |
| NO CEILING | 31.7 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| ≥ 20000 | 49.5 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| IV ≥ 18000 | 49.5 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| 16000 | 50.0 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| IV ≥ 14000 | 51.1 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| 12000 | 52.9 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| IV ≥ 10000 | 56.1 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| 9000 | 56.2 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| IV ≥ 8000 | 56.7 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| 7000 | 57.2 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| IV ≥ 6000 | 57.4 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| 5000 | 57.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| IV ≥ 4500 | 58.1 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| 4000 | 58.7 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| IV ≥ 3500 | 58.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| 3000 | 60.8 | 69.5 | 69.8 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| IV ≥ 2500 | 70.3 | 81.1 | 81.7 | 81.8 | 81.8 | 81.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| 2000 | 70.7 | 90.8 | 91.8 | 91.9 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV ≥ 1800 | 77.1 | 91.5 | 92.5 | 92.7 | 92.7 | 92.7 | 93.0 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 1500 | 77.2 | 92.3 | 93.8 | 94.4 | 94.4 | 94.4 | 94.7 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV ≥ 1200 | 77.2 | 92.7 | 94.3 | 94.9 | 95.0 | 95.1 | 95.5 | 95.7 | 95.7 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 |
| 1000 | 77.2 | 92.7 | 94.4 | 95.1 | 95.4 | 95.5 | 96.0 | 96.2 | 96.2 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| IV ≥ 900 | 77.2 | 92.7 | 94.4 | 95.1 | 95.4 | 95.5 | 96.0 | 96.2 | 96.2 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| 800 | 77.2 | 92.7 | 94.6 | 95.5 | 95.9 | 96.0 | 96.9 | 97.3 | 97.3 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV ≥ 700 | 77.2 | 92.7 | 94.6 | 95.5 | 95.9 | 96.0 | 96.9 | 97.4 | 97.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| 600 | 77.2 | 92.7 | 94.6 | 95.5 | 96.0 | 96.1 | 97.2 | 97.8 | 97.8 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV ≥ 500 | 77.2 | 92.7 | 94.6 | 95.5 | 96.0 | 96.1 | 97.5 | 98.1 | 98.1 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 |
| 400 | 77.2 | 92.7 | 94.6 | 95.5 | 96.0 | 96.1 | 97.8 | 98.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV ≥ 300 | 77.2 | 92.7 | 94.6 | 95.5 | 96.0 | 96.1 | 97.8 | 98.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| 200 | 77.2 | 92.7 | 94.6 | 95.5 | 96.0 | 96.1 | 97.8 | 98.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV ≥ 100 | 77.2 | 92.7 | 94.6 | 95.5 | 96.0 | 96.1 | 97.8 | 98.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| 0 | 77.2 | 92.7 | 94.6 | 95.5 | 96.0 | 96.1 | 97.8 | 98.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 33787

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUL (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 27.6 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 |
| ≥ 20000 | 46.1 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 |
| ≥ 18000 | 46.3 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 16000 | 47.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 14000 | 48.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 12000 | 50.[illegible] | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.[illegible] | 54.0 | 54.0 |
| ≥ 10000 | 54.6 | 56.[illegible] | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| ≥ 9000 | 55.0 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 8000 | 56.4 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 7000 | 56.8 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 6000 | 58.1 | 62.6 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 5000 | 58.3 | 63.4 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 4500 | 58.9 | 64.4 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 4000 | 60.6 | 67.1 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 3500 | 60.9 | 67.8 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 3000 | 63.3 | 70.7 | 71.1 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 2500 | 70.1 | 79.7 | 80.1 | 80.2 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 2000 | 77.1 | 89.4 | 90.4 | 90.8 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 1800 | 77.8 | 90.6 | 91.7 | 92.1 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1500 | 78.0 | 91.4 | 92.7 | 93.6 | 94.5 | 94.5 | 94.8 | 94.8 | 94.9 | 95.3 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1200 | 78.0 | 91.7 | 93.5 | 94.4 | 95.4 | 95.4 | 95.8 | 95.8 | 95.9 | 96.6 | 96.5 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | 78.0 | 91.7 | 93.5 | 94.4 | 95.8 | 95.8 | 96.1 | 96.2 | 96.3 | 97.2 | 97.2 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 900 | 78.0 | 91.7 | 93.5 | 94.4 | 95.8 | 95.8 | 96.1 | 96.2 | 96.3 | 97.2 | 97.2 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 800 | 78.0 | 91.7 | 93.5 | 94.4 | 95.8 | 96.1 | 96.6 | 96.9 | 97.0 | 97.8 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | 78.0 | 91.7 | 93.5 | 94.4 | 95.8 | 96.1 | 96.7 | 97.0 | 97.0 | 97.9 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 600 | 78.0 | 91.8 | 93.5 | 94.7 | 96.1 | 96.3 | 97.0 | 97.2 | 97.3 | 98.4 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 78.0 | 91.8 | 93.5 | 94.7 | 96.1 | 96.5 | 97.5 | 97.8 | 97.8 | 98.9 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 78.0 | 91.8 | 93.5 | 94.7 | 96.1 | 96.5 | 97.6 | 97.8 | 97.9 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 78.0 | 91.8 | 93.5 | 94.7 | 96.1 | 96.5 | 97.6 | 97.8 | 97.9 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 78.0 | 91.8 | 93.5 | 94.7 | 96.1 | 96.5 | 97.7 | 97.9 | 98.0 | 99.2 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 78.0 | 91.8 | 93.5 | 94.7 | 96.1 | 96.5 | 97.7 | 97.9 | 98.0 | 99.2 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 |
| 0 | 78.0 | 91.8 | 93.5 | 94.7 | 96.1 | 96.5 | 97.7 | 97.9 | 98.0 | 99.2 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116



DATA PROCESSING FORMS 33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-MAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUL (MONTH)

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

1400-2000 (HOURS L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 19.7 | 23.4 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 |
| ≥ 20000 | 34.3 | 41.7 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 |
| ≥ 18000 | 34.3 | 41.7 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 |
| ≥ 16000 | 34.3 | 41.7 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 |
| ≥ 14000 | 35.3 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| ≥ 12000 | 36.6 | 44.3 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| ≥ 10000 | 43.3 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| ≥ 9000 | 43.5 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| ≥ 8000 | 44.3 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 7000 | 44.6 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| ≥ 6000 | 46.7 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 5000 | 48.1 | 62.5 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 4500 | 49.0 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 4000 | 51.6 | 71.4 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 3500 | 51.7 | 72.0 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 3000 | 52.8 | 74.4 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 2500 | 56.9 | 82.6 | 83.2 | 83.3 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 2000 | 60.6 | 88.9 | 89.8 | 90.0 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 1800 | 61.1 | 89.8 | 90.8 | 90.9 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 1500 | 61.3 | 90.9 | 91.9 | 92.5 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 1200 | 61.3 | 91.6 | 92.9 | 93.8 | 95.3 | 95.3 | 95.4 | 95.5 | 95.5 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1000 | 61.3 | 92.4 | 93.5 | 94.6 | 96.4 | 96.5 | 96.8 | 96.9 | 96.9 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | 61.3 | 92.4 | 93.5 | 94.7 | 96.5 | 96.6 | 96.9 | 97.0 | 97.0 | 97.3 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 800 | 61.3 | 92.7 | 94.0 | 95.2 | 97.0 | 97.1 | 97.6 | 97.8 | 97.8 | 98.2 | 98.2 | 98.3 | 96.5 | 98.5 | 98.5 | 98.5 |
| ≥ 700 | 61.3 | 92.7 | 94.1 | 95.3 | 97.0 | 97.2 | 97.7 | 97.8 | 97.8 | 98.3 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 61.3 | 93.0 | 94.4 | 95.6 | 97.4 | 97.7 | 98.2 | 98.4 | 98.4 | 98.8 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 61.3 | 93.1 | 94.4 | 95.8 | 97.6 | 97.8 | 98.4 | 98.6 | 98.6 | 99.0 | 99.0 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 61.3 | 93.1 | 94.4 | 95.8 | 97.6 | 97.8 | 98.4 | 98.6 | 98.6 | 99.0 | 99.0 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 61.3 | 93.1 | 94.4 | 95.8 | 97.6 | 97.8 | 98.4 | 98.6 | 98.6 | 99.2 | 99.2 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 61.3 | 93.1 | 94.4 | 95.8 | 97.6 | 97.8 | 98.5 | 98.7 | 98.7 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 61.3 | 93.1 | 94.4 | 95.8 | 97.6 | 97.8 | 98.5 | 98.7 | 98.7 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 61.3 | 93.1 | 94.4 | 95.8 | 97.6 | 97.8 | 98.5 | 98.7 | 98.7 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUL (MONTH)

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

2100-2300 (HOURS (L.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 27.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 |
| ≥ 20000 | 30.8 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 18000 | 30.8 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 16000 | 30.9 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| ≥ 14000 | 31.5 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 12000 | 32.3 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 10000 | 34.1 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 9000 | 34.3 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 8000 | 34.6 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 7000 | 34.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 6000 | 35.8 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 5000 | 36.3 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 4500 | 36.6 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 4000 | 38.0 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 3500 | 38.0 | 83.6 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 3000 | 38.8 | 86.1 | 86.3 | 86.6 | 86.6 | 86.6 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 2500 | 39.2 | 89.1 | 89.5 | 90.1 | 90.4 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 2000 | 39.6 | 91.7 | 92.3 | 92.9 | 93.3 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1800 | 39.7 | 92.5 | 93.1 | 93.8 | 94.3 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 1500 | 39.7 | 92.7 | 93.5 | 94.4 | 94.8 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1200 | 39.8 | 93.8 | 94.8 | 95.8 | 96.6 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1000 | 39.8 | 94.5 | 95.6 | 96.6 | 97.7 | 97.7 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | 39.8 | 94.5 | 95.6 | 96.6 | 97.7 | 97.7 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 39.8 | 94.9 | 96.0 | 97.1 | 98.2 | 98.2 | 98.9 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 39.8 | 95.0 | 96.1 | 97.3 | 98.4 | 98.4 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 39.8 | 95.1 | 96.1 | 97.4 | 98.5 | 98.5 | 99.2 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 39.8 | 95.1 | 96.1 | 97.4 | 98.5 | 98.5 | 99.2 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 39.8 | 95.1 | 96.1 | 97.4 | 98.5 | 98.5 | 99.2 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 39.8 | 95.1 | 96.1 | 97.4 | 98.5 | 98.5 | 99.2 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 39.8 | 95.1 | 96.1 | 97.4 | 98.5 | 98.5 | 99.2 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 39.8 | 95.1 | 96.1 | 97.4 | 98.5 | 98.5 | 99.2 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 39.8 | 95.1 | 96.1 | 97.4 | 98.5 | 98.5 | 99.2 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING / DRAFT

33742

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) ALL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¼ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 22.7 | 40.9 | 42.1 | 42.3 | 42.7 | 42.7 | 42.8 | 42.8 | 42.8 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 |
| ≥ 20000 | 32.1 | 54.6 | 56.2 | 56.6 | 57.1 | 57.1 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 18000 | 32.2 | 54.7 | 56.3 | 56.7 | 57.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.5 |
| ≥ 16000 | 32.4 | 55.0 | 56.6 | 57.0 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 14000 | 33.2 | 56.0 | 57.7 | 58.1 | 58.6 | 58.6 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 12000 | 34.2 | 57.6 | 59.3 | 59.7 | 60.2 | 60.3 | 60.3 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 10000 | 36.6 | 62.1 | 63.9 | 64.3 | 64.9 | 64.9 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 9000 | 36.7 | 62.2 | 64.0 | 64.5 | 65.0 | 65.1 | 65.1 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 8000 | 37.1 | 63.6 | 65.5 | 65.9 | 66.5 | 66.5 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 7000 | 37.3 | 64.0 | 65.8 | 66.3 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 6000 | 38.0 | 65.6 | 67.4 | 67.9 | 68.5 | 68.5 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 5000 | 38.5 | 67.2 | 69.1 | 69.6 | 70.2 | 70.2 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 4500 | 38.8 | 68.3 | 70.3 | 70.8 | 71.4 | 71.4 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 4000 | 39.9 | 72.2 | 74.3 | 74.8 | 75.5 | 75.5 | 75.6 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 3500 | 40.0 | 73.0 | 75.1 | 75.6 | 76.3 | 76.3 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 3000 | 41.2 | 75.5 | 77.8 | 78.5 | 79.2 | 79.2 | 79.4 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 2500 | 44.7 | 81.4 | 83.9 | 84.7 | 85.6 | 85.6 | 85.9 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 2000 | 47.5 | 87.2 | 90.0 | 91.0 | 92.0 | 92.0 | 92.4 | 92.5 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1800 | 47.8 | 87.8 | 90.6 | 91.7 | 92.7 | 92.7 | 93.1 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1500 | 47.9 | 88.6 | 91.7 | 92.9 | 94.1 | 94.1 | 94.8 | 94.9 | 94.9 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1200 | 48.0 | 89.0 | 92.3 | 93.7 | 95.1 | 95.2 | 95.9 | 96.1 | 96.1 | 96.6 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | 48.0 | 89.3 | 92.6 | 94.2 | 95.8 | 95.9 | 96.8 | 97.0 | 97.0 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 900 | 48.0 | 89.4 | 92.7 | 94.3 | 95.9 | 96.0 | 96.9 | 97.1 | 97.1 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 98.0 |
| ≥ 800 | 48.0 | 89.5 | 92.9 | 94.6 | 96.4 | 96.5 | 97.5 | 97.8 | 97.8 | 98.6 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 48.0 | 89.6 | 93.0 | 94.6 | 96.5 | 96.6 | 97.6 | 97.9 | 98.0 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 600 | 48.0 | 89.6 | 93.0 | 94.8 | 96.7 | 96.8 | 97.9 | 98.2 | 98.2 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 48.0 | 89.6 | 93.0 | 94.8 | 96.7 | 96.9 | 98.1 | 98.4 | 98.4 | 99.2 | 99.2 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 48.0 | 89.6 | 93.0 | 94.8 | 96.7 | 96.9 | 98.1 | 98.5 | 98.5 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 48.0 | 89.6 | 93.0 | 94.8 | 96.8 | 96.9 | 98.2 | 98.5 | 98.5 | 99.4 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 48.0 | 89.6 | 93.0 | 94.8 | 96.8 | 96.9 | 98.2 | 98.5 | 98.5 | 99.5 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 48.0 | 89.6 | 93.0 | 94.8 | 96.8 | 96.9 | 98.2 | 98.5 | 98.5 | 99.5 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 48.0 | 89.6 | 93.0 | 94.8 | 96.8 | 96.9 | 98.2 | 98.5 | 98.5 | 99.5 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8928

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 16.6 | 54.1 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 20000 | 19.1 | 60.4 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 19000 | 19.1 | 60.4 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 16000 | 19.1 | 60.5 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 14000 | 19.7 | 61.2 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 12000 | 20.1 | 61.9 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 10000 | 21.1 | 66.7 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 9000 | 21.1 | 66.7 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 8000 | 21.2 | 68.7 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 7000 | 21.3 | 69.2 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 6000 | 21.4 | 71.2 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥ 5000 | 22.1 | 74.5 | 74.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 4500 | 22.1 | 74.8 | 75.4 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 4000 | 22.3 | 80.0 | 80.5 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 3500 | 22.4 | 81.9 | 82.8 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 3000 | 22.5 | 85.6 | 86.5 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 2500 | 22.6 | 88.0 | 89.0 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 2000 | 22.6 | 88.8 | 90.2 | 90.9 | 91.9 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 1800 | 22.6 | 89.4 | 90.8 | 91.6 | 92.5 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1500 | 22.6 | 90.5 | 92.4 | 93.3 | 94.2 | 94.2 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1200 | 22.6 | 90.9 | 93.2 | 94.3 | 95.6 | 95.6 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1000 | 22.6 | 91.2 | 93.6 | 94.8 | 96.3 | 96.3 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | 22.6 | 91.2 | 93.6 | 94.8 | 96.3 | 96.3 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | 22.6 | 91.2 | 93.6 | 94.8 | 96.3 | 96.3 | 97.7 | 97.7 | 97.7 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 22.6 | 91.2 | 93.7 | 95.1 | 96.7 | 96.7 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 22.6 | 91.2 | 93.7 | 95.2 | 96.8 | 96.8 | 98.3 | 98.3 | 98.3 | 98.9 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 22.6 | 91.2 | 93.7 | 95.2 | 96.8 | 96.8 | 98.3 | 98.3 | 98.3 | 98.9 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 22.6 | 91.3 | 93.8 | 95.5 | 97.2 | 97.2 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 22.6 | 91.3 | 93.8 | 95.5 | 97.2 | 97.2 | 98.7 | 98.7 | 98.7 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 22.6 | 91.3 | 93.8 | 95.5 | 97.2 | 97.2 | 98.7 | 98.7 | 98.7 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 22.6 | 91.3 | 93.8 | 95.5 | 97.2 | 97.2 | 98.7 | 98.7 | 98.7 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 22.6 | 91.3 | 93.8 | 95.5 | 97.2 | 97.2 | 98.7 | 98.7 | 98.7 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | AUG MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0500 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 10.6 | 51.8 | 53.0 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 20000 | 12.8 | 58.2 | 59.5 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| < 18000 | 12.8 | 58.3 | 59.6 | 59.7 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| ≥ 16000 | 12.8 | 58.4 | 59.7 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| < 14000 | 12.8 | 58.5 | 59.7 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 12000 | 13.7 | 59.8 | 61.1 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| < 10000 | 13.8 | 64.7 | 66.3 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 9000 | 13.8 | 64.7 | 66.3 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| < 8000 | 13.8 | 66.4 | 68.0 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 7000 | 13.8 | 66.8 | 68.5 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| < 6000 | 13.8 | 68.7 | 70.4 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 5000 | 14.4 | 72.8 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| < 4500 | 14.4 | 73.7 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 4000 | 14.6 | 79.1 | 81.0 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| < 3500 | 14.8 | 81.0 | 82.9 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 3000 | 14.8 | 83.0 | 85.3 | 85.9 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| < 2500 | 15.1 | 85.0 | 87.4 | 88.4 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 2000 | 15.5 | 86.3 | 88.9 | 90.2 | 90.7 | 90.7 | 91.2 | 91.2 | 91.2 | 91.6 | 91.6 | 91.6 | 91.9 | 91.9 | 91.9 | 91.9 |
| < 1800 | 15.5 | 86.4 | 88.9 | 90.3 | 90.7 | 90.7 | 91.3 | 91.3 | 91.3 | 91.7 | 91.7 | 91.7 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 1500 | 15.5 | 87.5 | 90.4 | 92.2 | 92.9 | 92.9 | 93.4 | 93.4 | 93.4 | 93.9 | 93.9 | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 |
| < 1200 | 15.5 | 88.1 | 91.6 | 93.6 | 94.7 | 94.8 | 95.4 | 95.4 | 95.4 | 96.0 | 96.0 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1000 | 15.8 | 88.3 | 92.0 | 94.0 | 95.4 | 95.5 | 96.4 | 96.4 | 96.4 | 97.0 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 |
| < 900 | 15.5 | 88.3 | 92.0 | 94.0 | 95.4 | 95.5 | 96.4 | 96.4 | 96.4 | 97.0 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 800 | 15.5 | 88.3 | 92.1 | 94.2 | 95.7 | 95.8 | 97.5 | 97.5 | 97.5 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 |
| < 700 | 15.5 | 88.4 | 92.3 | 94.5 | 96.1 | 96.2 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 15.5 | 88.4 | 92.3 | 94.8 | 96.4 | 96.5 | 98.3 | 98.3 | 98.3 | 98.9 | 98.9 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 |
| < 500 | 15.5 | 88.4 | 92.3 | 94.8 | 96.4 | 96.5 | 98.3 | 98.3 | 98.3 | 98.9 | 98.9 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 15.5 | 88.6 | 92.5 | 95.0 | 96.9 | 96.9 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 |
| < 300 | 15.5 | 88.6 | 92.5 | 95.1 | 96.9 | 97.0 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 15.5 | 88.6 | 92.5 | 95.1 | 96.9 | 97.0 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 100 | 15.5 | 88.6 | 92.5 | 95.1 | 96.9 | 97.0 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 0 | 15.5 | 88.6 | 92.5 | 95.1 | 96.9 | 97.0 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113



DATA PROCESSING FORMS 55782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) AUG (MONTH)

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

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 2.8 | 21.1 | 29.4 | 31.8 | 34.0 | 34.0 | 35.1 | 35.6 | 35.6 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.8 |
| ≥ 20000 | 5.5 | 32.7 | 43.3 | 47.3 | 51.1 | 51.1 | 53.0 | 53.5 | 53.5 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.9 |
| ≥ 18000 | 5.6 | 33.1 | 43.7 | 47.6 | 51.5 | 51.5 | 53.4 | 53.9 | 53.9 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.3 |
| ≥ 16000 | 5.6 | 33.2 | 43.8 | 47.7 | 51.6 | 51.6 | 53.5 | 54.0 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.4 |
| ≥ 14000 | 5.8 | 33.7 | 44.7 | 48.7 | 52.6 | 52.6 | 54.4 | 55.0 | 55.0 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 12000 | 5.9 | 35.2 | 46.9 | 50.9 | 54.8 | 54.8 | 56.7 | 57.2 | 57.2 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.6 |
| ≥ 10000 | 6.6 | 38.9 | 51.9 | 56.5 | 60.9 | 60.9 | 63.0 | 63.5 | 63.5 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.0 |
| ≥ 9000 | 6.6 | 39.0 | 52.0 | 56.6 | 61.1 | 61.1 | 63.2 | 63.7 | 63.7 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.2 |
| ≥ 8000 | 6.6 | 40.7 | 54.4 | 59.4 | 64.2 | 64.2 | 66.2 | 66.8 | 66.8 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 |
| ≥ 7000 | 6.7 | 41.1 | 54.7 | 59.9 | 64.7 | 64.7 | 66.8 | 67.3 | 67.3 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 6000 | 7.0 | 42.1 | 56.9 | 62.4 | 67.6 | 67.6 | 69.8 | 70.4 | 70.4 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.9 |
| ≥ 5000 | 7.4 | 44.0 | 59.5 | 65.1 | 70.5 | 70.5 | 72.8 | 73.4 | 73.4 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 4500 | 7.4 | 44.3 | 59.9 | 65.7 | 71.1 | 71.1 | 73.4 | 74.0 | 74.0 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 |
| ≥ 4000 | 7.5 | 46.6 | 63.1 | 69.1 | 75.0 | 75.0 | 77.5 | 78.3 | 78.3 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 |
| ≥ 3500 | 7.6 | 47.4 | 64.0 | 70.3 | 76.5 | 76.5 | 79.3 | 80.1 | 80.1 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 |
| ≥ 3000 | 7.6 | 48.2 | 64.8 | 71.2 | 77.7 | 77.7 | 80.6 | 81.3 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 |
| ≥ 2500 | 7.6 | 49.9 | 67.0 | 73.6 | 80.4 | 80.6 | 83.5 | 84.3 | 84.3 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.2 |
| ≥ 2000 | 8.0 | 51.8 | 70.1 | 76.8 | 84.2 | 84.5 | 87.7 | 88.5 | 88.5 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.4 |
| ≥ 1800 | 8.0 | 51.8 | 70.4 | 77.1 | 84.5 | 84.7 | 88.1 | 88.9 | 88.9 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 |
| ≥ 1500 | 8.1 | 52.7 | 71.4 | 78.4 | 85.9 | 86.2 | 89.8 | 90.7 | 90.7 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.6 |
| ≥ 1200 | 8.1 | 53.5 | 72.6 | 79.8 | 87.5 | 87.8 | 91.6 | 92.5 | 92.5 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.5 |
| ≥ 1000 | 8.1 | 53.8 | 73.0 | 80.7 | 88.7 | 88.9 | 92.8 | 93.6 | 93.8 | 94.7 | 94.7 | 94.7 | 94.9 | 94.9 | 94.9 | 95.1 |
| ≥ 900 | 8.1 | 54.1 | 73.3 | 81.0 | 88.9 | 89.2 | 93.1 | 94.1 | 94.1 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.3 |
| ≥ 800 | 8.1 | 54.4 | 73.9 | 81.6 | 90.0 | 90.3 | 94.3 | 95.4 | 95.4 | 96.9 | 96.9 | 96.9 | 97.3 | 97.3 | 97.3 | 97.5 |
| ≥ 700 | 8.1 | 54.4 | 73.9 | 81.7 | 90.1 | 90.4 | 94.4 | 95.5 | 95.5 | 97.1 | 97.1 | 97.1 | 97.6 | 97.6 | 97.6 | 97.8 |
| ≥ 600 | 8.1 | 54.4 | 73.9 | 82.0 | 90.6 | 90.8 | 95.2 | 96.3 | 96.3 | 98.2 | 98.2 | 98.2 | 98.7 | 98.7 | 98.7 | 98.8 |
| ≥ 500 | 8.1 | 54.4 | 74.0 | 82.1 | 90.7 | 90.9 | 95.4 | 96.5 | 96.5 | 98.4 | 98.4 | 98.4 | 98.8 | 98.8 | 98.8 | 99.0 |
| ≥ 400 | 8.1 | 54.4 | 74.0 | 82.4 | 91.0 | 91.3 | 96.0 | 97.1 | 97.1 | 99.0 | 99.0 | 99.1 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥ 300 | 8.1 | 54.4 | 74.0 | 82.5 | 91.1 | 91.4 | 96.2 | 97.3 | 97.3 | 99.2 | 99.2 | 99.3 | 99.8 | 99.8 | 99.8 | 100.0 |
| ≥ 200 | 8.1 | 54.4 | 74.0 | 82.5 | 91.1 | 91.4 | 96.2 | 97.3 | 97.3 | 99.2 | 99.2 | 99.3 | 99.8 | 99.8 | 99.8 | 100.0 |
| ≥ 100 | 8.1 | 54.4 | 74.0 | 82.5 | 91.1 | 91.4 | 96.2 | 97.3 | 97.3 | 99.2 | 99.2 | 99.3 | 99.8 | 99.8 | 99.8 | 100.0 |
| 0 | 8.1 | 54.4 | 74.0 | 82.5 | 91.1 | 91.4 | 96.2 | 97.3 | 97.3 | 99.2 | 99.2 | 99.3 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) 10 (MONTH)

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

0900-1100 (HOURS (E.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 17.2 | 24.9 | 25.0 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| ≥ 20000 | 29.6 | 45.0 | 45.1 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| ≥ 18000 | 29.6 | 45.0 | 45.1 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| ≥ 16000 | 29.6 | 45.1 | 45.2 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| ≥ 14000 | 30.0 | 45.9 | 46.0 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| ≥ 12000 | 32.0 | 48.5 | 48.6 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 |
| ≥ 10000 | 35.1 | 55.0 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 9000 | 35.3 | 55.2 | 55.4 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 8000 | 35.6 | 56.7 | 57.1 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 7000 | 35.9 | 57.3 | 57.8 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 6000 | 36.7 | 59.1 | 59.7 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥ 5000 | 37.0 | 60.4 | 61.1 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 4500 | 37.1 | 61.2 | 62.0 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 4000 | 37.7 | 63.1 | 64.2 | 64.7 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 3500 | 38.3 | 64.2 | 65.4 | 66.0 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 3000 | 39.5 | 66.7 | 68.0 | 68.6 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 2500 | 43.1 | 73.9 | 75.7 | 76.3 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 2000 | 48.3 | 83.2 | 87.2 | 87.9 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 1800 | 48.6 | 86.0 | 88.1 | 88.8 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 1500 | 48.9 | 87.8 | 90.0 | 91.0 | 91.6 | 91.6 | 91.8 | 91.8 | 91.8 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 1200 | 48.9 | 88.6 | 91.4 | 92.5 | 93.4 | 93.6 | 93.8 | 93.9 | 93.9 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1000 | 48.9 | 88.6 | 91.4 | 92.7 | 93.6 | 93.9 | 94.2 | 94.4 | 94.4 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 900 | 48.9 | 88.6 | 91.4 | 92.7 | 93.6 | 93.9 | 94.2 | 94.4 | 94.4 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 800 | 49.0 | 88.8 | 91.6 | 93.2 | 94.3 | 94.6 | 95.0 | 95.3 | 95.4 | 96.6 | 96.6 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 700 | 49.0 | 89.0 | 91.9 | 93.4 | 94.7 | 95.0 | 95.3 | 95.7 | 95.8 | 97.0 | 97.0 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 600 | 49.0 | 89.0 | 91.9 | 93.6 | 95.1 | 95.5 | 96.0 | 96.4 | 96.5 | 97.8 | 97.8 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 500 | 49.0 | 89.1 | 92.1 | 93.8 | 95.2 | 95.7 | 96.5 | 96.9 | 96.9 | 98.4 | 98.4 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 400 | 49.0 | 89.1 | 92.1 | 94.1 | 95.8 | 96.2 | 97.3 | 97.7 | 97.8 | 99.2 | 99.2 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 49.0 | 89.1 | 92.1 | 94.1 | 95.9 | 96.3 | 97.4 | 97.8 | 97.8 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 49.0 | 89.1 | 92.1 | 94.1 | 95.9 | 96.3 | 97.4 | 97.8 | 97.8 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 49.0 | 89.1 | 92.1 | 94.1 | 95.9 | 96.3 | 97.4 | 97.8 | 97.8 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 49.0 | 89.1 | 92.1 | 94.1 | 95.9 | 96.3 | 97.4 | 97.8 | 97.8 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113



DATA PROCESSING FORMS 33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) AUG (MONTH)

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

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 25.4 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 |
| ≥ 20000 | 43.3 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| ≥ 18000 | 43.5 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| ≥ 16000 | 43.8 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| ≥ 14000 | 45.5 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 12000 | 48.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| ≥ 10000 | 51.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| ≥ 9000 | 51.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 8000 | 53.2 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 7000 | 53.7 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 6000 | 54.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 5000 | 54.9 | 61.6 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 4500 | 55.0 | 61.8 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 4000 | 55.8 | 63.2 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 3500 | 56.3 | 64.2 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 3000 | 58.0 | 66.6 | 67.3 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 2500 | 65.3 | 76.7 | 77.6 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 2000 | 71.7 | 87.2 | 88.9 | 89.2 | 89.2 | 89.2 | 89.4 | 89.5 | 89.5 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 1800 | 71.8 | 88.0 | 89.7 | 90.1 | 90.1 | 90.1 | 90.3 | 90.4 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 1500 | 72.1 | 88.8 | 90.9 | 91.7 | 91.8 | 91.8 | 92.0 | 92.1 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 1200 | 72.1 | 89.2 | 91.6 | 92.6 | 92.7 | 92.7 | 92.9 | 93.1 | 93.1 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1000 | 72.1 | 89.3 | 91.9 | 93.0 | 93.1 | 93.1 | 93.3 | 93.8 | 93.8 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 900 | 72.1 | 89.3 | 91.9 | 93.0 | 93.3 | 93.3 | 93.4 | 94.0 | 94.0 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 800 | 72.1 | 89.7 | 92.1 | 93.6 | 94.0 | 94.0 | 94.2 | 94.9 | 94.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 700 | 72.1 | 89.8 | 92.3 | 93.8 | 94.2 | 94.2 | 94.4 | 95.1 | 95.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 600 | 72.1 | 89.9 | 92.5 | 94.1 | 94.6 | 94.8 | 95.1 | 96.0 | 96.0 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 500 | 72.1 | 90.0 | 92.5 | 94.4 | 95.1 | 95.2 | 95.6 | 96.4 | 96.4 | 98.0 | 98.0 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 72.1 | 90.0 | 92.5 | 94.5 | 95.2 | 95.5 | 96.2 | 97.0 | 97.0 | 98.7 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 300 | 72.1 | 90.0 | 92.5 | 94.5 | 95.2 | 95.5 | 96.6 | 97.4 | 97.4 | 99.1 | 99.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 72.1 | 90.0 | 92.5 | 94.5 | 95.2 | 95.5 | 96.6 | 97.4 | 97.4 | 99.1 | 99.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥ 100 | 72.1 | 90.0 | 92.5 | 94.5 | 95.2 | 95.5 | 96.6 | 97.4 | 97.4 | 99.1 | 99.1 | 99.2 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 72.1 | 90.0 | 92.5 | 94.5 | 95.2 | 95.5 | 96.6 | 97.4 | 97.4 | 99.1 | 99.1 | 99.2 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-HAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | AUG MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 24.3 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 |
| ≥ 20000 | 41.9 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 |
| ≥ 18000 | 42.0 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 |
| ≥ 16000 | 42.3 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| ≥ 14000 | 44.9 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 |
| ≥ 12000 | 48.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| 10000 | 52.7 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 9000 | 52.9 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| ≥ 8000 | 54.4 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 7000 | 54.7 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| ≥ 6000 | 55.8 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 5000 | 57.1 | 63.1 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 4500 | 57.5 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 4000 | 58.8 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 3500 | 59.7 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 3000 | 61.8 | 70.6 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 2500 | 66.9 | 78.3 | 78.9 | 79.0 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 2000 | 71.7 | 86.3 | 87.2 | 87.4 | 87.9 | 87.9 | 87.9 | 88.1 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 1800 | 71.8 | 86.7 | 87.8 | 88.1 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 1500 | 72.3 | 88.6 | 90.1 | 90.7 | 91.6 | 91.6 | 91.7 | 91.9 | 91.9 | 92.3 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 1200 | 72.3 | 88.9 | 90.6 | 91.2 | 92.4 | 92.4 | 92.7 | 92.9 | 92.9 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1000 | 72.3 | 89.3 | 91.0 | 91.7 | 93.1 | 93.1 | 93.7 | 93.9 | 93.9 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 900 | 72.6 | 89.6 | 91.3 | 92.0 | 93.4 | 93.4 | 94.0 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 800 | 72.6 | 90.1 | 91.9 | 92.9 | 94.2 | 94.2 | 95.0 | 95.2 | 95.2 | 96.1 | 96.1 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 700 | 72.6 | 90.4 | 92.2 | 93.3 | 94.6 | 94.7 | 95.4 | 95.8 | 95.8 | 96.9 | 96.9 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 600 | 72.6 | 90.6 | 92.5 | 93.5 | 94.9 | 95.0 | 95.8 | 96.1 | 96.1 | 97.4 | 97.4 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 500 | 72.6 | 90.7 | 92.6 | 93.9 | 95.2 | 95.3 | 96.1 | 96.5 | 96.5 | 97.8 | 97.8 | 97.8 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 400 | 72.6 | 90.7 | 92.7 | 94.0 | 95.5 | 95.7 | 96.6 | 97.0 | 97.0 | 98.3 | 98.3 | 98.3 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 300 | 72.6 | 90.7 | 92.7 | 94.0 | 95.7 | 95.9 | 96.9 | 97.4 | 97.4 | 98.7 | 98.7 | 98.7 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 72.6 | 90.7 | 92.7 | 94.0 | 95.7 | 95.9 | 96.9 | 97.4 | 97.4 | 98.7 | 98.7 | 98.7 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥ 100 | 72.6 | 90.7 | 92.7 | 94.0 | 95.7 | 95.9 | 96.9 | 97.4 | 97.4 | 98.7 | 98.7 | 98.7 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 72.6 | 90.7 | 92.7 | 94.0 | 95.7 | 95.9 | 96.9 | 97.4 | 97.4 | 98.7 | 98.7 | 98.7 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) AUG (MONTH)

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

1800-2000 (HOURS (E.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 14.9 | 19.6 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| ≥ 20000 | 28.8 | 37.6 | 37.8 | 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 |
| ≥ 18000 | 29.0 | 37.8 | 37.9 | 38.1 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 |
| ≥ 16000 | 29.4 | 38.5 | 38.7 | 38.8 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| ≥ 14000 | 30.1 | 39.2 | 39.4 | 39.6 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 |
| ≥ 12000 | 32.1 | 41.5 | 41.8 | 42.0 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| ≥ 10000 | 37.1 | 48.5 | 48.7 | 48.8 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 |
| ≥ 9000 | 37.2 | 48.7 | 48.8 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 8000 | 39.3 | 53.1 | 53.2 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| ≥ 7000 | 39.6 | 53.9 | 54.0 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 6000 | 41.6 | 57.0 | 57.2 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 5000 | 43.6 | 61.1 | 61.3 | 61.5 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 4500 | 44.6 | 63.1 | 63.6 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 4000 | 46.0 | 67.4 | 67.9 | 68.1 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 3500 | 46.5 | 69.0 | 69.6 | 69.8 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 3000 | 48.1 | 72.1 | 73.0 | 73.3 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 2500 | 50.4 | 78.4 | 79.7 | 80.0 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 2000 | 52.7 | 84.9 | 86.7 | 87.1 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 1800 | 52.8 | 85.8 | 87.8 | 88.3 | 88.9 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 1500 | 53.0 | 87.8 | 90.4 | 91.1 | 91.8 | 91.8 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 1200 | 53.0 | 88.0 | 91.3 | 92.3 | 93.3 | 93.3 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1000 | 53.0 | 88.1 | 91.5 | 92.5 | 93.7 | 93.7 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 900 | 53.0 | 88.1 | 91.5 | 92.5 | 93.7 | 93.7 | 94.6 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 800 | 53.0 | 88.4 | 92.1 | 93.2 | 94.4 | 94.4 | 95.3 | 95.6 | 95.6 | 96.0 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 700 | 53.0 | 88.4 | 92.1 | 93.3 | 94.6 | 94.6 | 95.6 | 95.9 | 95.9 | 96.2 | 96.2 | 96.3 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 600 | 53.0 | 88.4 | 92.2 | 93.3 | 94.7 | 94.7 | 95.7 | 96.0 | 96.0 | 96.3 | 96.3 | 96.4 | 97.1 | 97.1 | 97.1 | 97.3 |
| ≥ 500 | 53.0 | 88.6 | 92.4 | 93.7 | 95.1 | 95.1 | 96.0 | 96.4 | 96.4 | 96.9 | 96.9 | 97.0 | 98.1 | 98.1 | 98.1 | 98.3 |
| ≥ 400 | 53.0 | 88.7 | 92.5 | 93.8 | 95.2 | 95.2 | 96.4 | 96.9 | 97.0 | 97.6 | 97.6 | 97.7 | 99.1 | 99.1 | 99.1 | 99.3 |
| ≥ 300 | 53.0 | 88.7 | 92.5 | 93.8 | 95.5 | 95.5 | 96.7 | 97.1 | 97.3 | 98.1 | 98.1 | 98.2 | 99.7 | 99.7 | 99.7 | 99.9 |
| ≥ 200 | 53.0 | 88.7 | 92.5 | 93.8 | 95.5 | 95.5 | 96.7 | 97.1 | 97.3 | 98.1 | 98.1 | 98.2 | 99.7 | 99.7 | 99.7 | 100.0 |
| ≥ 100 | 53.0 | 88.7 | 92.5 | 93.8 | 95.5 | 95.5 | 96.7 | 97.1 | 97.3 | 98.1 | 98.1 | 98.2 | 99.7 | 99.7 | 99.7 | 100.0 |
| ≥ 0 | 53.0 | 88.7 | 92.5 | 93.8 | 95.5 | 95.5 | 96.7 | 97.1 | 97.3 | 98.1 | 98.1 | 98.2 | 99.7 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1112

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35787

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) AUG (MONTH)

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

2100-2300 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 16.1 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| ≥ 20000 | 22.9 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| ≥ 18000 | 23.0 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| ≥ 16000 | 23.1 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| ≥ 14000 | 23.6 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 12000 | 24.5 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 10000 | 26.1 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 9000 | 26.1 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 8000 | 26.8 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 7000 | 27.4 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 6000 | 27.9 | 67.7 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 5000 | 28.9 | 70.7 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 4500 | 29.5 | 72.2 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 4000 | 30.5 | 77.2 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 3500 | 30.7 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 3000 | 30.7 | 82.6 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 2500 | 30.7 | 85.6 | 86.5 | 86.8 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 2000 | 30.7 | 88.8 | 90.1 | 90.4 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 1800 | 30.7 | 90.3 | 91.7 | 92.0 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 1500 | 30.7 | 90.8 | 92.6 | 93.1 | 93.6 | 93.6 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1200 | 30.8 | 91.3 | 93.4 | 94.1 | 95.1 | 95.1 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1000 | 30.8 | 91.6 | 93.8 | 94.5 | 95.6 | 95.6 | 96.0 | 96.1 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 900 | 30.8 | 91.7 | 93.9 | 94.6 | 95.7 | 95.7 | 96.1 | 96.2 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 800 | 30.8 | 91.9 | 94.1 | 94.9 | 96.0 | 96.2 | 96.7 | 96.8 | 96.8 | 97.7 | 97.7 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 700 | 30.8 | 91.9 | 94.1 | 95.1 | 96.3 | 96.5 | 96.9 | 97.0 | 97.0 | 97.9 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 600 | 30.8 | 91.9 | 94.2 | 95.2 | 96.4 | 96.6 | 97.0 | 97.1 | 97.1 | 98.0 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 500 | 30.8 | 92.0 | 94.2 | 95.3 | 96.5 | 96.7 | 97.1 | 97.2 | 97.2 | 98.1 | 98.1 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 400 | 30.8 | 92.1 | 94.3 | 95.4 | 96.7 | 96.9 | 97.6 | 97.8 | 97.9 | 98.8 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 30.8 | 92.1 | 94.3 | 95.5 | 97.0 | 97.3 | 97.9 | 98.2 | 98.3 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 30.8 | 92.1 | 94.3 | 95.5 | 97.0 | 97.3 | 97.9 | 98.2 | 98.3 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 30.8 | 92.1 | 94.3 | 95.5 | 97.0 | 97.3 | 97.9 | 98.2 | 98.3 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 30.8 | 92.1 | 94.3 | 95.5 | 97.0 | 97.3 | 97.9 | 98.2 | 98.3 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-63 (YEARS) AUG (MONTH)

ALL (HOURS (L.S.T.))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 16.2 | 33.4 | 34.6 | 35.0 | 35.2 | 35.2 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.5 |
| ≥ 20000 | 25.5 | 47.2 | 48.8 | 49.3 | 49.8 | 49.8 | 50.1 | 50.1 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| ≥ 18000 | 25.6 | 47.4 | 48.9 | 49.5 | 50.0 | 50.0 | 50.2 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 16000 | 25.7 | 47.6 | 49.1 | 49.7 | 50.2 | 50.2 | 50.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| ≥ 14000 | 26.5 | 48.6 | 50.2 | 50.7 | 51.2 | 51.2 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 12000 | 28.1 | 50.6 | 52.3 | 52.9 | 53.4 | 53.4 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| ≥ 10000 | 30.5 | 55.9 | 57.8 | 58.4 | 59.0 | 59.0 | 59.2 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 9000 | 30.6 | 55.9 | 57.9 | 58.5 | 59.1 | 59.1 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 8000 | 31.4 | 58.3 | 60.3 | 61.0 | 61.6 | 61.6 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 7000 | 31.7 | 58.9 | 60.9 | 61.7 | 62.3 | 62.3 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 6000 | 32.3 | 60.9 | 63.1 | 63.9 | 64.6 | 64.6 | 64.8 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 5000 | 33.2 | 63.5 | 66.0 | 66.8 | 67.5 | 67.5 | 67.8 | 67.9 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 4500 | 33.4 | 64.3 | 66.9 | 67.7 | 68.4 | 68.4 | 68.7 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 4000 | 34.1 | 67.8 | 70.5 | 71.4 | 72.3 | 72.3 | 72.6 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 3500 | 34.5 | 69.3 | 72.1 | 73.1 | 74.0 | 74.0 | 74.3 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 3000 | 35.4 | 71.9 | 74.9 | 75.9 | 76.9 | 76.9 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.5 |
| ≥ 2500 | 37.7 | 77.0 | 80.2 | 81.4 | 82.5 | 82.5 | 82.9 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 2000 | 40.2 | 82.4 | 86.1 | 87.5 | 88.8 | 88.9 | 89.4 | 89.6 | 89.6 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 1800 | 40.2 | 83.1 | 86.9 | 88.3 | 89.7 | 89.7 | 90.3 | 90.4 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 |
| ≥ 1500 | 40.4 | 84.3 | 88.5 | 90.2 | 91.7 | 91.7 | 92.4 | 92.6 | 92.6 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1200 | 40.4 | 84.6 | 89.5 | 91.3 | 93.1 | 93.2 | 94.0 | 94.2 | 94.2 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1000 | 40.4 | 85.1 | 89.8 | 91.7 | 93.7 | 93.8 | 94.8 | 95.0 | 95.0 | 95.5 | 95.5 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 900 | 40.4 | 85.1 | 89.9 | 91.8 | 93.8 | 93.9 | 94.9 | 95.2 | 95.2 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 800 | 40.5 | 85.3 | 90.2 | 92.3 | 94.4 | 94.5 | 95.7 | 96.0 | 96.1 | 97.0 | 97.0 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 40.5 | 85.4 | 90.3 | 92.5 | 94.7 | 94.8 | 96.0 | 96.4 | 96.4 | 97.3 | 97.3 | 97.4 | 97.7 | 97.7 | 97.7 | 97.8 |
| ≥ 600 | 40.5 | 85.5 | 90.4 | 92.7 | 94.9 | 95.1 | 96.4 | 96.8 | 96.8 | 97.9 | 97.9 | 97.9 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 500 | 40.5 | 85.5 | 90.5 | 92.9 | 95.1 | 95.3 | 96.7 | 97.1 | 97.1 | 98.2 | 98.2 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 400 | 40.5 | 85.6 | 90.6 | 93.1 | 95.4 | 95.6 | 97.2 | 97.6 | 97.7 | 98.8 | 98.8 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 40.5 | 85.6 | 90.6 | 93.1 | 95.6 | 95.8 | 97.4 | 97.8 | 97.9 | 99.1 | 99.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 200 | 40.5 | 85.6 | 90.6 | 93.1 | 95.6 | 95.8 | 97.4 | 97.8 | 97.9 | 99.1 | 99.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 100 | 40.5 | 85.6 | 90.6 | 93.1 | 95.6 | 95.8 | 97.4 | 97.8 | 97.9 | 99.1 | 99.1 | 99.1 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 40.5 | 85.6 | 90.6 | 93.1 | 95.6 | 95.8 | 97.4 | 97.8 | 97.9 | 99.1 | 99.1 | 99.1 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8903

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FURMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | SEP MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 7.6 | 51.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 20000 | 8.1 | 58.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| 18000 | 8.1 | 58.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 16000 | 8.1 | 58.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 14000 | 8.1 | 58.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 12000 | 8.1 | 58.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 10000 | 9.2 | 64.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 9000 | 9.2 | 64.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 8000 | 9.4 | 68.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 7000 | 9.4 | 68.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 6000 | 9.5 | 70.8 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 5000 | 9.9 | 74.3 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 4500 | 9.9 | 74.8 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 4000 | 10.2 | 81.4 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 3500 | 10.4 | 84.1 | 85.6 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 3000 | 10.7 | 88.0 | 89.7 | 89.9 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 2500 | 10.7 | 90.2 | 92.6 | 93.1 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 2000 | 10.8 | 91.2 | 93.6 | 94.1 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1800 | 10.8 | 91.2 | 93.6 | 94.1 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1500 | 10.9 | 91.5 | 93.9 | 94.4 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1200 | 11.2 | 92.9 | 95.5 | 96.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1000 | 11.2 | 93.1 | 95.7 | 97.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 11.2 | 93.1 | 95.8 | 97.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 11.2 | 93.1 | 95.9 | 97.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 700 | 11.2 | 93.4 | 96.2 | 97.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 11.2 | 93.4 | 96.2 | 97.5 | 98.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 11.2 | 93.4 | 96.2 | 97.5 | 98.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 11.2 | 93.4 | 96.2 | 97.5 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 11.2 | 93.4 | 96.2 | 97.8 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 11.2 | 93.4 | 96.2 | 97.8 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 11.2 | 93.4 | 96.2 | 97.8 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 11.2 | 93.4 | 96.2 | 97.8 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | SEP MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 6.1 | 54.5 | 56.9 | 57.3 | 58.1 | 58.2 | 58.9 | 58.9 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 20000 | 6.5 | 59.5 | 62.0 | 62.8 | 63.8 | 63.9 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 18000 | 6.5 | 59.5 | 62.0 | 62.8 | 63.8 | 63.9 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 16000 | 6.5 | 59.5 | 62.0 | 62.8 | 63.8 | 63.9 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 14000 | 6.5 | 59.8 | 62.3 | 63.1 | 64.1 | 64.2 | 64.8 | 64.8 | 64.8 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 12000 | 6.7 | 60.6 | 63.1 | 63.9 | 64.9 | 65.0 | 65.6 | 65.6 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 10000 | 6.9 | 63.7 | 66.3 | 67.0 | 68.1 | 68.1 | 68.8 | 68.8 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 9000 | 6.9 | 63.8 | 66.5 | 67.2 | 68.2 | 68.3 | 69.0 | 69.0 | 69.0 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 8000 | 6.9 | 65.5 | 68.2 | 69.1 | 70.1 | 70.2 | 70.9 | 70.9 | 70.9 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 7000 | 6.9 | 65.8 | 68.5 | 69.4 | 70.5 | 70.6 | 71.3 | 71.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥ 6000 | 7.0 | 68.7 | 71.5 | 72.4 | 73.4 | 73.5 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 5000 | 7.3 | 71.7 | 74.5 | 75.8 | 76.9 | 76.9 | 77.7 | 77.7 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 4500 | 7.3 | 72.4 | 75.6 | 76.6 | 77.6 | 77.7 | 78.4 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 4000 | 7.9 | 77.4 | 80.8 | 82.0 | 83.4 | 83.5 | 84.3 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 3500 | 8.0 | 78.6 | 82.3 | 83.8 | 85.3 | 85.4 | 86.1 | 86.1 | 86.1 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 3000 | 8.1 | 82.0 | 86.6 | 88.1 | 90.1 | 90.2 | 91.0 | 91.0 | 91.0 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 2500 | 8.1 | 83.6 | 88.2 | 89.8 | 92.0 | 92.1 | 93.0 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 2000 | 8.1 | 84.6 | 89.4 | 90.9 | 93.3 | 93.4 | 94.4 | 94.5 | 94.5 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1800 | 8.1 | 84.6 | 89.4 | 91.1 | 93.5 | 93.6 | 94.5 | 94.7 | 94.7 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1500 | 8.1 | 84.6 | 89.6 | 91.7 | 94.1 | 94.2 | 95.3 | 95.6 | 95.6 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1200 | 8.1 | 85.4 | 90.9 | 93.5 | 96.3 | 96.4 | 97.5 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1000 | 8.1 | 85.4 | 90.9 | 93.5 | 96.3 | 96.4 | 97.7 | 98.0 | 98.0 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 900 | 8.1 | 85.4 | 90.9 | 93.5 | 96.3 | 96.4 | 97.7 | 98.0 | 98.0 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 800 | 8.1 | 85.5 | 91.0 | 93.6 | 96.4 | 96.5 | 98.0 | 98.2 | 98.2 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 8.1 | 85.5 | 91.0 | 93.6 | 96.4 | 96.5 | 98.2 | 98.5 | 98.5 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 8.1 | 85.5 | 91.0 | 93.6 | 96.4 | 96.5 | 98.2 | 98.5 | 98.5 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 8.1 | 85.5 | 91.0 | 93.6 | 96.4 | 96.5 | 98.3 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 |
| ≥ 400 | 8.1 | 85.5 | 91.0 | 93.6 | 96.4 | 96.5 | 98.3 | 98.6 | 98.6 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 300 | 8.1 | 85.5 | 91.0 | 93.7 | 96.5 | 96.6 | 98.4 | 98.7 | 98.7 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 200 | 8.1 | 85.5 | 91.0 | 93.7 | 96.5 | 96.6 | 98.4 | 98.7 | 98.7 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 100 | 8.1 | 85.5 | 91.0 | 93.7 | 96.5 | 96.6 | 98.4 | 98.7 | 98.7 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 |
| 0 | 8.1 | 85.5 | 91.0 | 93.7 | 96.5 | 96.6 | 98.4 | 98.7 | 98.7 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TAI STATION NAME | 54-65 YEARS | SEP MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 2.0 | 16.1 | 23.3 | 27.0 | 31.9 | 32.2 | 35.5 | 36.9 | 36.9 | 38.0 | 38.0 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 |
| ≥ 20000 | 3.0 | 24.1 | 34.2 | 41.1 | 48.1 | 48.6 | 53.7 | 55.9 | 56.0 | 57.2 | 57.2 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 18000 | 3.0 | 24.1 | 34.2 | 41.1 | 48.1 | 48.6 | 53.7 | 55.9 | 56.0 | 57.2 | 57.2 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 16000 | 3.0 | 24.2 | 34.3 | 41.2 | 48.1 | 48.7 | 53.8 | 56.0 | 56.1 | 57.3 | 57.3 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 14000 | 3.1 | 24.3 | 34.4 | 41.4 | 48.3 | 48.9 | 54.0 | 56.2 | 56.3 | 57.6 | 57.6 | 57.8 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 12000 | 3.7 | 25.3 | 35.7 | 42.8 | 49.9 | 50.6 | 55.9 | 58.2 | 58.3 | 59.6 | 59.6 | 59.9 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥ 10000 | 4.1 | 28.4 | 40.3 | 45.8 | 57.0 | 57.7 | 63.7 | 66.1 | 66.2 | 67.7 | 67.7 | 68.0 | 68.1 | 68.1 | 68.1 | 68.2 |
| ≥ 9000 | 4.1 | 28.4 | 40.3 | 48.9 | 57.3 | 58.0 | 64.1 | 66.5 | 66.6 | 68.1 | 68.1 | 68.3 | 68.5 | 68.5 | 68.5 | 68.6 |
| ≥ 8000 | 4.1 | 29.1 | 41.3 | 50.3 | 59.4 | 60.1 | 66.5 | 69.0 | 69.1 | 70.9 | 70.9 | 71.2 | 71.4 | 71.4 | 71.4 | 71.5 |
| ≥ 7000 | 4.1 | 29.4 | 41.7 | 50.7 | 59.9 | 60.6 | 67.1 | 69.7 | 69.8 | 71.8 | 71.8 | 72.0 | 72.2 | 72.2 | 72.2 | 72.3 |
| ≥ 6000 | 4.2 | 30.2 | 42.9 | 52.3 | 62.0 | 62.8 | 69.3 | 72.1 | 72.2 | 74.5 | 74.5 | 74.8 | 75.1 | 75.1 | 75.1 | 75.2 |
| ≥ 5000 | 4.4 | 31.6 | 44.9 | 54.9 | 64.6 | 65.5 | 72.2 | 74.8 | 74.9 | 77.4 | 77.4 | 77.7 | 78.0 | 78.0 | 78.0 | 78.1 |
| ≥ 4500 | 4.4 | 31.9 | 45.5 | 55.7 | 65.6 | 66.4 | 73.1 | 75.8 | 75.9 | 78.5 | 78.5 | 78.8 | 79.1 | 79.1 | 79.1 | 79.2 |
| ≥ 4000 | 4.4 | 34.2 | 48.6 | 59.1 | 69.2 | 70.0 | 77.7 | 80.4 | 80.5 | 83.1 | 83.1 | 83.3 | 83.7 | 83.7 | 83.7 | 83.8 |
| ≥ 3500 | 4.4 | 34.2 | 48.7 | 59.4 | 69.6 | 70.5 | 78.3 | 81.0 | 81.1 | 83.7 | 83.7 | 84.0 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 3000 | 4.4 | 35.2 | 49.9 | 60.7 | 71.7 | 72.5 | 80.5 | 83.2 | 83.3 | 86.0 | 86.0 | 86.4 | 86.8 | 86.8 | 86.8 | 86.9 |
| ≥ 2500 | 4.8 | 36.2 | 51.3 | 62.1 | 73.2 | 74.1 | 82.2 | 85.1 | 85.2 | 88.1 | 88.1 | 88.4 | 88.8 | 88.8 | 88.8 | 88.9 |
| ≥ 2000 | 5.0 | 37.3 | 53.0 | 64.0 | 75.2 | 76.0 | 84.4 | 87.4 | 87.6 | 90.6 | 90.6 | 91.0 | 91.4 | 91.4 | 91.4 | 91.5 |
| ≥ 1800 | 5.0 | 37.6 | 53.3 | 64.4 | 75.7 | 76.6 | 85.0 | 88.0 | 88.1 | 91.2 | 91.2 | 91.6 | 91.9 | 91.9 | 91.9 | 92.0 |
| ≥ 1500 | 5.0 | 38.0 | 54.0 | 65.2 | 76.6 | 77.4 | 86.0 | 89.0 | 89.2 | 92.4 | 92.4 | 92.8 | 93.3 | 93.3 | 93.3 | 93.4 |
| ≥ 1200 | 5.0 | 38.4 | 54.4 | 66.3 | 78.1 | 78.9 | 87.8 | 90.8 | 91.0 | 94.3 | 94.3 | 94.6 | 95.2 | 95.2 | 95.2 | 95.3 |
| ≥ 1000 | 5.0 | 38.7 | 54.8 | 66.9 | 78.9 | 79.7 | 88.9 | 92.0 | 92.2 | 95.7 | 95.7 | 96.3 | 96.9 | 96.9 | 96.9 | 97.0 |
| ≥ 900 | 5.0 | 38.7 | 54.8 | 66.9 | 78.9 | 79.7 | 88.9 | 92.0 | 92.2 | 95.7 | 95.7 | 96.3 | 96.9 | 96.9 | 96.9 | 97.0 |
| ≥ 800 | 5.0 | 39.0 | 55.1 | 67.2 | 79.4 | 80.2 | 89.4 | 92.5 | 92.7 | 96.3 | 96.3 | 96.9 | 97.5 | 97.5 | 97.5 | 97.7 |
| ≥ 700 | 5.0 | 39.2 | 55.3 | 67.4 | 79.5 | 80.4 | 89.8 | 93.0 | 93.1 | 96.6 | 96.8 | 97.3 | 98.0 | 98.0 | 98.0 | 98.1 |
| ≥ 600 | 5.0 | 39.3 | 55.6 | 67.7 | 79.8 | 80.6 | 90.2 | 93.3 | 93.5 | 97.2 | 97.2 | 97.8 | 98.6 | 98.6 | 98.6 | 99.0 |
| ≥ 500 | 5.0 | 39.3 | 55.6 | 67.8 | 79.9 | 80.7 | 90.4 | 93.5 | 93.7 | 97.4 | 97.4 | 98.0 | 98.8 | 98.8 | 98.8 | 99.2 |
| ≥ 400 | 5.0 | 39.3 | 55.6 | 67.8 | 80.0 | 80.8 | 90.6 | 93.8 | 94.0 | 97.7 | 97.7 | 98.2 | 99.1 | 99.1 | 99.1 | 99.4 |
| ≥ 300 | 5.0 | 39.3 | 55.6 | 67.8 | 80.0 | 80.8 | 90.6 | 93.8 | 94.0 | 97.8 | 97.8 | 98.3 | 99.2 | 99.2 | 99.2 | 99.6 |
| ≥ 200 | 5.0 | 39.3 | 55.6 | 67.8 | 80.0 | 80.8 | 90.6 | 93.8 | 94.0 | 97.8 | 97.8 | 98.3 | 99.2 | 99.2 | 99.2 | 99.6 |
| ≥ 100 | 5.0 | 39.3 | 55.6 | 67.8 | 80.0 | 80.8 | 90.6 | 93.8 | 94.0 | 97.8 | 97.8 | 98.3 | 99.2 | 99.2 | 99.2 | 99.6 |
| 0 | 5.0 | 39.3 | 55.6 | 67.8 | 80.0 | 80.8 | 90.6 | 93.8 | 94.0 | 97.8 | 97.8 | 98.4 | 99.3 | 99.3 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

33783

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) SEP (MONTH)

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

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 13.2 | 29.4 | 31.0 | 32.4 | 32.7 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 |
| ≥ 20000 | 21.6 | 46.8 | 48.8 | 50.2 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| ≥ 18000 | 21.6 | 46.8 | 48.8 | 50.2 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| ≥ 16000 | 21.6 | 47.0 | 49.2 | 50.6 | 50.9 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| ≥ 14000 | 22.1 | 47.9 | 50.1 | 51.7 | 52.0 | 52.1 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| ≥ 12000 | 24.4 | 51.8 | 54.2 | 55.8 | 56.4 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 10000 | 25.8 | 57.6 | 60.8 | 62.8 | 63.5 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 9000 | 25.8 | 57.6 | 60.8 | 62.8 | 63.5 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 8000 | 25.9 | 59.0 | 62.4 | 64.5 | 65.3 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 7000 | 26.2 | 59.6 | 63.1 | 65.2 | 66.0 | 66.2 | 66.3 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 6000 | 26.3 | 60.1 | 63.8 | 66.0 | 67.1 | 67.3 | 67.4 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 5000 | 26.5 | 61.8 | 65.7 | 68.0 | 69.2 | 69.4 | 69.4 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 4500 | 26.7 | 62.0 | 66.0 | 68.2 | 69.4 | 69.6 | 69.7 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 4000 | 27.3 | 64.3 | 68.2 | 70.7 | 71.9 | 72.1 | 72.2 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 3500 | 27.3 | 64.5 | 68.6 | 71.2 | 72.5 | 72.7 | 72.8 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 3000 | 27.5 | 65.5 | 69.6 | 72.3 | 73.7 | 73.9 | 74.1 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 2500 | 31.7 | 73.4 | 80.0 | 82.7 | 84.1 | 84.3 | 84.4 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 2000 | 34.1 | 84.1 | 89.1 | 91.8 | 93.3 | 93.5 | 93.7 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1800 | 34.1 | 84.8 | 89.7 | 92.4 | 94.0 | 94.2 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 1500 | 34.2 | 85.3 | 90.4 | 93.1 | 94.6 | 94.8 | 95.2 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1200 | 34.2 | 85.6 | 90.9 | 94.2 | 95.9 | 96.1 | 96.6 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1000 | 34.2 | 85.8 | 91.1 | 94.4 | 96.2 | 96.5 | 97.1 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 900 | 34.3 | 85.9 | 91.2 | 94.5 | 96.3 | 96.6 | 97.2 | 97.4 | 97.4 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 34.3 | 86.0 | 91.3 | 94.7 | 96.6 | 96.9 | 97.5 | 97.7 | 97.7 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 700 | 34.3 | 86.0 | 91.3 | 94.7 | 96.6 | 96.9 | 97.8 | 98.0 | 98.0 | 98.4 | 98.4 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 34.3 | 86.0 | 91.4 | 94.8 | 96.8 | 97.0 | 98.0 | 98.2 | 98.2 | 98.7 | 98.7 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 34.3 | 86.0 | 91.4 | 94.8 | 96.8 | 97.0 | 98.2 | 98.5 | 98.5 | 99.0 | 99.0 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 34.3 | 86.0 | 91.4 | 94.8 | 96.8 | 97.0 | 98.2 | 98.8 | 98.8 | 99.3 | 99.3 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 34.3 | 86.0 | 91.4 | 94.8 | 96.8 | 97.0 | 98.2 | 98.9 | 98.9 | 99.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 34.3 | 86.0 | 91.4 | 94.8 | 96.8 | 97.0 | 98.2 | 98.9 | 98.9 | 99.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 34.3 | 86.0 | 91.4 | 94.8 | 96.8 | 97.0 | 98.2 | 98.9 | 98.9 | 99.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 34.3 | 86.0 | 91.4 | 94.8 | 96.8 | 97.0 | 98.2 | 98.9 | 98.9 | 99.4 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZU (STATION NAME) 54-65 (YEARS) SEP (MONTH)

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

1200-1400 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 22.6 | 31.2 | 31.4 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 |
| ≥ 20000 | 34.4 | 48.1 | 48.4 | 48.6 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| ≥ 18000 | 34.4 | 48.1 | 48.4 | 48.6 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| ≥ 16000 | 34.5 | 48.4 | 48.7 | 48.9 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 |
| ≥ 14000 | 36.0 | 50.0 | 50.3 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| ≥ 12000 | 38.4 | 53.5 | 53.9 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 10000 | 40.2 | 58.7 | 59.1 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 9000 | 40.2 | 58.9 | 59.3 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 8000 | 40.7 | 60.7 | 61.4 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| ≥ 7000 | 41.0 | 61.3 | 61.9 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 6000 | 41.6 | 62.7 | 63.3 | 63.6 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 5000 | 41.9 | 63.9 | 64.5 | 64.8 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 4500 | 42.0 | 64.7 | 65.4 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 4000 | 42.4 | 65.8 | 66.5 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 3500 | 42.7 | 66.3 | 67.0 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 3000 | 44.1 | 69.0 | 69.8 | 70.6 | 70.7 | 70.7 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 2500 | 52.9 | 82.9 | 83.7 | 84.5 | 84.8 | 84.8 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 2000 | 57.2 | 91.6 | 92.9 | 93.8 | 94.4 | 94.4 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1800 | 57.4 | 92.4 | 93.8 | 94.7 | 95.6 | 95.6 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1500 | 57.7 | 93.2 | 94.6 | 95.6 | 96.5 | 96.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1200 | 57.7 | 93.7 | 95.2 | 96.3 | 97.3 | 97.3 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 1000 | 57.7 | 93.8 | 95.4 | 96.5 | 97.6 | 97.6 | 98.1 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 900 | 57.7 | 93.8 | 95.4 | 96.5 | 97.6 | 97.6 | 98.1 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 800 | 57.7 | 93.8 | 95.4 | 96.7 | 97.9 | 97.9 | 98.6 | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 57.7 | 93.8 | 95.4 | 96.7 | 97.9 | 97.9 | 98.6 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 57.7 | 93.8 | 95.4 | 96.7 | 97.9 | 97.9 | 98.7 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 57.7 | 93.8 | 95.4 | 96.7 | 97.9 | 97.9 | 98.7 | 98.8 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 57.7 | 93.8 | 95.4 | 96.7 | 97.9 | 97.9 | 98.7 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 57.7 | 93.8 | 95.4 | 96.7 | 97.9 | 97.9 | 98.7 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 57.7 | 93.8 | 95.4 | 96.7 | 97.9 | 97.9 | 98.7 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 57.7 | 93.8 | 95.4 | 96.7 | 97.9 | 97.9 | 98.7 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 57.7 | 93.8 | 95.4 | 96.7 | 97.9 | 97.9 | 98.7 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FOR ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) SEP (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 22.2 | 29.2 | 30.0 | 30.2 | 30.4 | 30.4 | 30.5 | 30.5 | 30.5 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| ≥ 20000 | 36.0 | 46.1 | 47.6 | 47.8 | 48.7 | 48.7 | 48.9 | 48.9 | 48.9 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 |
| ≥ 18000 | 36.0 | 46.1 | 47.6 | 47.8 | 48.7 | 48.7 | 48.9 | 48.9 | 48.9 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 |
| ≥ 16000 | 36.2 | 46.3 | 47.8 | 48.0 | 48.9 | 48.9 | 49.1 | 49.1 | 49.1 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| ≥ 14000 | 38.1 | 48.3 | 49.8 | 50.0 | 50.9 | 50.9 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| ≥ 12000 | 39.9 | 50.6 | 52.0 | 52.2 | 53.2 | 53.2 | 53.4 | 53.4 | 53.4 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 10000 | 42.2 | 54.5 | 56.0 | 56.5 | 57.5 | 57.5 | 57.7 | 57.7 | 57.7 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 9000 | 42.5 | 54.8 | 56.3 | 56.8 | 57.8 | 57.8 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 8000 | 43.2 | 57.3 | 58.9 | 59.4 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 7000 | 43.9 | 58.3 | 59.9 | 60.5 | 61.5 | 61.5 | 61.7 | 61.7 | 61.7 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 6000 | 44.9 | 60.3 | 62.1 | 62.7 | 63.7 | 63.7 | 63.9 | 63.9 | 63.9 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 5000 | 45.9 | 62.3 | 64.4 | 65.0 | 66.0 | 66.0 | 66.2 | 66.2 | 66.2 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 4500 | 46.2 | 64.0 | 65.8 | 66.6 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 4000 | 47.1 | 66.8 | 68.6 | 69.5 | 70.6 | 70.6 | 70.8 | 70.8 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 3500 | 47.5 | 68.1 | 70.1 | 71.0 | 72.0 | 72.0 | 72.3 | 72.3 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 3000 | 49.5 | 71.9 | 74.0 | 75.0 | 76.0 | 76.0 | 76.5 | 76.5 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 2500 | 55.1 | 81.4 | 83.8 | 85.1 | 86.1 | 86.2 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 2000 | 56.9 | 87.1 | 90.1 | 91.6 | 92.6 | 92.7 | 93.3 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1800 | 56.9 | 87.6 | 90.6 | 92.1 | 93.2 | 93.3 | 94.1 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1500 | 57.1 | 88.8 | 92.0 | 93.7 | 95.1 | 95.2 | 96.0 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1200 | 57.2 | 89.3 | 92.5 | 94.4 | 96.0 | 96.1 | 97.1 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1000 | 57.3 | 89.4 | 92.7 | 94.6 | 96.3 | 96.4 | 97.8 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900 | 57.3 | 89.4 | 92.7 | 94.6 | 96.3 | 96.4 | 97.8 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 57.3 | 89.4 | 92.8 | 94.7 | 96.4 | 96.5 | 98.0 | 98.2 | 98.2 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 | 57.3 | 89.4 | 92.8 | 94.7 | 96.4 | 96.5 | 98.0 | 98.2 | 98.2 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 57.3 | 89.4 | 92.8 | 94.7 | 96.4 | 96.5 | 98.1 | 98.3 | 98.3 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 57.3 | 89.4 | 92.8 | 94.7 | 96.4 | 96.5 | 98.1 | 98.3 | 98.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 57.3 | 89.4 | 92.8 | 94.7 | 96.4 | 96.5 | 98.1 | 98.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 300 | 57.3 | 89.4 | 92.8 | 94.7 | 96.4 | 96.5 | 98.1 | 98.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 57.3 | 89.4 | 92.8 | 94.7 | 96.4 | 96.5 | 98.1 | 98.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 57.3 | 89.4 | 92.8 | 94.7 | 96.4 | 96.5 | 98.1 | 98.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| 0 | 57.3 | 89.4 | 92.8 | 94.7 | 96.4 | 96.5 | 98.1 | 98.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35792

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | SEP MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 10.4 | 26.3 | 27.3 | 27.6 | 27.7 | 27.7 | 27.8 | 27.8 | 27.8 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 |
| ≥ 20000 | 17.7 | 40.4 | 41.9 | 42.5 | 43.2 | 43.2 | 43.4 | 43.4 | 43.4 | 43.8 | 43.8 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 |
| ≥ 18000 | 17.8 | 40.6 | 42.1 | 42.7 | 43.4 | 43.4 | 43.6 | 43.6 | 43.6 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 |
| ≥ 16000 | 18.0 | 40.7 | 42.3 | 42.9 | 43.6 | 43.6 | 43.9 | 43.8 | 43.8 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| ≥ 14000 | 18.5 | 41.8 | 43.3 | 43.9 | 44.6 | 44.6 | 44.8 | 44.8 | 44.8 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| ≥ 12000 | 19.8 | 43.5 | 45.1 | 45.6 | 46.4 | 46.4 | 46.7 | 46.7 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| ≥ 10000 | 22.0 | 49.7 | 51.6 | 52.1 | 52.9 | 53.0 | 53.2 | 53.2 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 9000 | 22.1 | 49.8 | 51.7 | 52.2 | 53.0 | 53.1 | 53.3 | 53.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| ≥ 8000 | 22.7 | 52.0 | 54.0 | 54.5 | 55.3 | 55.4 | 55.6 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 7000 | 23.0 | 52.4 | 54.4 | 54.9 | 55.6 | 55.7 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 6000 | 24.7 | 57.0 | 59.3 | 59.9 | 60.6 | 60.7 | 61.0 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| ≥ 5000 | 25.9 | 60.8 | 63.1 | 63.9 | 64.8 | 64.9 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 4500 | 26.6 | 62.6 | 65.1 | 65.8 | 66.8 | 66.9 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 4000 | 27.6 | 69.2 | 71.9 | 73.1 | 74.1 | 74.2 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 3500 | 28.2 | 71.2 | 73.9 | 75.2 | 76.4 | 76.5 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 3000 | 29.3 | 74.7 | 77.8 | 79.2 | 80.6 | 80.7 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 2500 | 30.6 | 80.1 | 83.3 | 84.7 | 86.4 | 86.5 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 2000 | 31.5 | 85.4 | 89.2 | 90.8 | 92.8 | 93.1 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1800 | 31.5 | 85.5 | 89.5 | 91.2 | 93.1 | 93.5 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1500 | 31.6 | 86.3 | 90.7 | 92.6 | 94.5 | 94.9 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1200 | 31.7 | 87.1 | 91.7 | 93.8 | 96.0 | 96.4 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1000 | 31.7 | 87.1 | 91.8 | 93.9 | 96.1 | 96.5 | 97.8 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 31.7 | 87.1 | 91.9 | 94.0 | 96.2 | 96.6 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 31.7 | 87.1 | 91.9 | 94.0 | 96.2 | 96.6 | 98.1 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 700 | 31.7 | 87.1 | 91.9 | 94.0 | 96.2 | 96.6 | 98.1 | 98.2 | 98.2 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 31.7 | 87.1 | 91.9 | 94.0 | 96.4 | 96.8 | 98.3 | 98.5 | 98.5 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 31.7 | 87.2 | 91.9 | 94.3 | 96.7 | 97.0 | 98.6 | 98.8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 31.7 | 87.2 | 91.9 | 94.3 | 96.7 | 97.0 | 98.6 | 98.8 | 98.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 31.7 | 87.2 | 91.9 | 94.3 | 96.7 | 97.0 | 98.6 | 98.8 | 98.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 31.7 | 87.2 | 91.9 | 94.3 | 96.7 | 97.0 | 98.6 | 98.8 | 98.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 31.7 | 87.2 | 91.9 | 94.3 | 96.7 | 97.0 | 98.6 | 98.8 | 98.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 31.7 | 87.2 | 91.9 | 94.3 | 96.7 | 97.0 | 98.6 | 98.8 | 98.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) SEP (MONTH)

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

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 11.9 | 43.3 | 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 | 43.6 |
| ≥ 20000 | 13.8 | 51.5 | 51.6 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 18000 | 13.9 | 51.6 | 51.7 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 16000 | 14.3 | 51.9 | 52.0 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| ≥ 14000 | 14.4 | 52.2 | 52.3 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 12000 | 15.0 | 53.6 | 53.7 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| ≥ 10000 | 16.0 | 59.4 | 59.4 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 9000 | 16.0 | 59.4 | 59.4 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 8000 | 16.0 | 62.7 | 62.8 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 7000 | 16.0 | 63.0 | 63.1 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 6000 | 16.5 | 66.7 | 67.0 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 5000 | 17.0 | 70.6 | 71.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 4500 | 17.2 | 72.1 | 72.9 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 4000 | 17.7 | 79.0 | 79.9 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 3500 | 17.8 | 81.9 | 82.9 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 3000 | 18.0 | 85.6 | 87.5 | 88.2 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 2500 | 18.0 | 89.0 | 90.9 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 2000 | 18.3 | 91.1 | 93.1 | 94.1 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1800 | 18.3 | 91.2 | 93.1 | 94.2 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1500 | 18.3 | 91.9 | 94.0 | 95.0 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1200 | 18.4 | 92.5 | 94.8 | 96.3 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1000 | 18.4 | 92.5 | 94.8 | 96.7 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 18.4 | 92.5 | 94.8 | 96.7 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 18.4 | 92.5 | 94.8 | 96.7 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 18.4 | 92.5 | 94.8 | 96.7 | 97.9 | 97.9 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 18.4 | 92.5 | 94.8 | 96.7 | 98.1 | 98.1 | 98.9 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 18.4 | 92.5 | 95.0 | 96.9 | 98.4 | 98.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 18.4 | 92.5 | 95.0 | 96.9 | 98.5 | 98.5 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 18.4 | 92.5 | 95.0 | 96.9 | 98.5 | 98.5 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 18.4 | 92.5 | 95.0 | 96.9 | 98.5 | 98.5 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 18.4 | 92.5 | 95.0 | 96.9 | 98.5 | 98.5 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 18.4 | 92.3 | 95.0 | 96.9 | 98.5 | 98.5 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) SEP (MONTH)

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

ALL (HOURS (L.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 12.0 | 35.2 | 37.0 | 37.8 | 38.6 | 38.7 | 39.2 | 39.3 | 39.4 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 |
| ≥ 20000 | 17.6 | 46.9 | 49.2 | 50.5 | 51.8 | 51.9 | 52.6 | 52.9 | 52.9 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| ≥ 18000 | 17.7 | 46.9 | 49.3 | 50.5 | 51.8 | 51.9 | 52.7 | 52.9 | 53.0 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 16000 | 17.8 | 47.1 | 49.5 | 50.7 | 52.0 | 52.1 | 52.8 | 53.1 | 53.1 | 53.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| ≥ 14000 | 18.4 | 47.8 | 50.2 | 51.5 | 52.8 | 52.9 | 53.7 | 53.9 | 54.0 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 12000 | 19.5 | 49.7 | 52.2 | 53.5 | 54.8 | 54.9 | 55.8 | 56.1 | 56.1 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 10000 | 20.8 | 54.6 | 57.4 | 59.0 | 60.5 | 60.6 | 61.5 | 61.8 | 61.8 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 9000 | 20.8 | 54.7 | 57.5 | 59.1 | 60.6 | 60.7 | 61.6 | 62.0 | 62.0 | 62.2 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 8000 | 21.1 | 56.8 | 59.8 | 61.5 | 63.1 | 63.2 | 64.2 | 64.5 | 64.5 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 7000 | 21.3 | 57.3 | 60.3 | 62.0 | 63.6 | 63.8 | 64.7 | 65.1 | 65.1 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 6000 | 21.8 | 59.6 | 62.8 | 64.6 | 66.3 | 66.4 | 67.4 | 67.8 | 67.8 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 5000 | 22.4 | 62.1 | 65.6 | 67.5 | 69.2 | 69.4 | 70.4 | 70.7 | 70.7 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 4500 | 22.5 | 63.1 | 66.6 | 68.5 | 70.3 | 70.4 | 71.4 | 71.8 | 71.8 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 4000 | 23.1 | 67.2 | 70.9 | 73.1 | 75.0 | 75.1 | 76.3 | 76.6 | 76.6 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 3500 | 23.3 | 68.6 | 72.4 | 74.6 | 76.6 | 76.7 | 77.9 | 78.3 | 78.3 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 3000 | 23.9 | 71.5 | 75.6 | 78.0 | 80.2 | 80.4 | 81.6 | 82.0 | 82.0 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 2500 | 26.5 | 77.3 | 81.7 | 84.2 | 86.6 | 86.7 | 88.1 | 88.4 | 88.5 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 2000 | 27.7 | 81.6 | 86.3 | 88.9 | 91.4 | 91.6 | 93.0 | 93.4 | 93.4 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1800 | 27.8 | 81.8 | 86.7 | 89.3 | 91.9 | 92.1 | 93.5 | 93.9 | 93.9 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 |
| ≥ 1500 | 27.9 | 82.5 | 87.4 | 90.2 | 92.8 | 93.0 | 94.5 | 95.0 | 95.0 | 95.5 | 95.5 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1200 | 27.9 | 83.1 | 88.2 | 91.4 | 94.3 | 94.5 | 96.2 | 96.7 | 96.7 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | 28.0 | 83.2 | 88.4 | 91.7 | 94.7 | 94.9 | 96.7 | 97.2 | 97.3 | 97.9 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 900 | 28.0 | 83.3 | 88.4 | 91.7 | 94.7 | 94.9 | 96.7 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 28.0 | 83.3 | 88.5 | 91.9 | 94.9 | 95.1 | 97.0 | 97.5 | 97.5 | 98.3 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 28.0 | 83.4 | 88.6 | 91.9 | 94.9 | 95.1 | 97.2 | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 |
| ≥ 600 | 28.0 | 83.4 | 88.6 | 92.0 | 95.1 | 95.3 | 97.5 | 98.0 | 98.0 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 500 | 28.0 | 83.4 | 88.7 | 92.0 | 95.2 | 95.4 | 97.6 | 98.1 | 98.2 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 400 | 28.0 | 83.4 | 88.7 | 92.0 | 95.2 | 95.4 | 97.7 | 98.3 | 98.3 | 99.4 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 28.0 | 83.4 | 88.7 | 92.1 | 95.2 | 95.4 | 97.7 | 98.4 | 98.4 | 99.5 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 28.0 | 83.4 | 88.7 | 92.1 | 95.2 | 95.4 | 97.7 | 98.4 | 98.4 | 99.5 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 28.0 | 83.4 | 88.7 | 92.1 | 95.2 | 95.4 | 97.7 | 98.4 | 98.4 | 99.5 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 28.0 | 83.4 | 88.7 | 92.1 | 95.2 | 95.4 | 97.7 | 98.4 | 98.4 | 99.5 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8640

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 5.8 | 73.7 | 73.9 | 74.4 | 74.4 | 74.4 | 74.9 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 20000 | 5.8 | 74.9 | 75.2 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 18000 | 5.8 | 74.9 | 75.2 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 16000 | 5.8 | 74.9 | 75.2 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 14000 | 5.8 | 75.0 | 75.3 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 12000 | 5.8 | 75.5 | 75.8 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 10000 | 7.1 | 79.8 | 80.1 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 9000 | 7.1 | 79.8 | 80.1 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 8000 | 7.3 | 81.7 | 82.0 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 7000 | 7.3 | 82.1 | 82.3 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 6000 | 7.9 | 84.3 | 84.6 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 5000 | 7.9 | 87.1 | 87.5 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 4500 | 7.9 | 88.8 | 89.2 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 4000 | 8.2 | 92.7 | 93.2 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 3500 | 8.4 | 93.7 | 94.3 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 3000 | 8.4 | 95.4 | 96.0 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 2500 | 8.4 | 96.2 | 96.8 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 2000 | 8.4 | 96.7 | 97.2 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 1800 | 8.4 | 97.0 | 97.5 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1500 | 8.4 | 97.0 | 97.7 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1200 | 8.4 | 97.3 | 97.9 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1000 | 8.4 | 97.6 | 98.2 | 98.8 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 8.4 | 97.7 | 98.3 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 8.4 | 97.8 | 98.4 | 99.0 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 8.4 | 97.8 | 98.4 | 99.0 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 8.4 | 97.8 | 98.4 | 99.0 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 8.4 | 98.0 | 98.7 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 8.4 | 98.0 | 98.7 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 8.4 | 98.0 | 98.7 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 8.4 | 98.0 | 98.7 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 100 | 8.4 | 98.0 | 98.7 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| 0 | 8.4 | 98.0 | 98.7 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) OCT (MONTH)

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

0300-0500 (HOURS L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 3.0 | 65.1 | 70.0 | 71.0 | 72.0 | 72.0 | 72.8 | 72.8 | 72.8 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 20000 | 3.0 | 66.8 | 71.7 | 72.7 | 73.7 | 73.7 | 74.5 | 74.6 | 74.6 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 18000 | 3.0 | 66.8 | 71.7 | 72.7 | 73.7 | 73.7 | 74.5 | 74.6 | 74.6 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 16000 | 3.0 | 66.8 | 71.7 | 72.7 | 73.7 | 73.7 | 74.5 | 74.6 | 74.6 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 14000 | 3.0 | 66.8 | 71.7 | 72.7 | 73.7 | 73.7 | 74.5 | 74.6 | 74.6 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 12000 | 3.0 | 67.4 | 72.2 | 73.2 | 74.2 | 74.2 | 75.0 | 75.1 | 75.1 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 10000 | 3.3 | 70.0 | 75.1 | 76.2 | 77.2 | 77.2 | 78.0 | 78.0 | 78.0 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 9000 | 3.3 | 70.2 | 75.3 | 76.3 | 77.3 | 77.3 | 78.1 | 78.2 | 78.2 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 8000 | 3.3 | 71.2 | 76.3 | 77.4 | 78.4 | 78.4 | 79.2 | 79.3 | 79.3 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 7000 | 3.4 | 71.3 | 76.5 | 77.6 | 78.6 | 78.6 | 79.4 | 79.5 | 79.5 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 6000 | 3.5 | 73.2 | 78.4 | 79.5 | 80.5 | 80.5 | 81.3 | 81.4 | 81.4 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 5000 | 3.6 | 76.6 | 81.9 | 83.0 | 84.0 | 84.0 | 84.8 | 84.9 | 84.9 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 4500 | 3.7 | 77.9 | 83.2 | 84.5 | 85.5 | 85.5 | 86.3 | 86.4 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 4000 | 3.8 | 81.4 | 86.7 | 88.3 | 89.3 | 89.3 | 90.2 | 90.3 | 90.3 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 3500 | 3.9 | 81.8 | 87.2 | 88.7 | 89.8 | 89.8 | 90.7 | 90.8 | 90.8 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 3000 | 3.9 | 85.4 | 91.0 | 92.6 | 93.7 | 93.7 | 94.6 | 94.7 | 94.7 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 2500 | 3.9 | 85.9 | 91.7 | 93.2 | 94.4 | 94.4 | 95.3 | 95.3 | 95.3 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 2000 | 3.9 | 86.0 | 91.8 | 93.3 | 94.4 | 94.4 | 95.3 | 95.4 | 95.4 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1800 | 3.9 | 86.3 | 92.0 | 93.5 | 94.7 | 94.7 | 95.6 | 95.7 | 95.7 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1500 | 3.9 | 86.6 | 92.3 | 93.8 | 95.0 | 95.0 | 95.9 | 96.0 | 96.0 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1200 | 3.9 | 87.3 | 93.0 | 94.5 | 95.7 | 95.7 | 96.6 | 96.7 | 96.7 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1000 | 3.9 | 87.4 | 93.3 | 94.8 | 96.0 | 96.0 | 96.9 | 97.0 | 97.0 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.6 |
| ≥ 900 | 3.9 | 87.4 | 93.4 | 94.9 | 96.1 | 96.1 | 97.0 | 97.0 | 97.0 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 |
| ≥ 800 | 3.9 | 87.5 | 93.5 | 95.0 | 96.1 | 96.2 | 97.1 | 97.2 | 97.2 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 700 | 3.9 | 87.7 | 93.7 | 95.3 | 96.4 | 96.5 | 97.4 | 97.5 | 97.5 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 |
| ≥ 600 | 3.9 | 87.7 | 93.7 | 95.3 | 96.4 | 96.5 | 97.4 | 97.5 | 97.5 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 |
| ≥ 500 | 3.9 | 88.1 | 94.2 | 95.8 | 97.0 | 97.0 | 97.9 | 98.0 | 98.0 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 |
| ≥ 400 | 3.9 | 88.2 | 94.4 | 96.1 | 97.3 | 97.4 | 98.3 | 98.4 | 98.4 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 |
| ≥ 300 | 3.9 | 88.2 | 94.4 | 96.3 | 97.7 | 97.8 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 200 | 3.9 | 88.2 | 94.4 | 96.3 | 97.7 | 97.8 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.7 |
| ≥ 100 | 3.9 | 88.2 | 94.4 | 96.3 | 97.7 | 97.8 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.7 |
| 0 | 3.9 | 88.2 | 94.4 | 96.3 | 97.7 | 97.8 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) OCT (MONTH)

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

0600-0800 HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | .2 | 10.6 | 22.1 | 30.1 | 39.7 | 41.5 | 47.4 | 50.6 | 50.9 | 54.6 | 54.6 | 55.4 | 55.7 | 55.7 | 55.7 | 55.8 |
| ≥ 20000 | .2 | 12.4 | 25.8 | 34.1 | 44.4 | 46.9 | 53.0 | 57.5 | 57.8 | 62.0 | 62.0 | 63.3 | 63.6 | 63.6 | 63.6 | 63.8 |
| ≥ 18000 | .2 | 12.4 | 25.9 | 34.2 | 44.5 | 47.0 | 53.7 | 57.6 | 57.9 | 62.1 | 62.1 | 63.4 | 63.7 | 63.7 | 63.7 | 64.0 |
| ≥ 16000 | .2 | 12.4 | 25.9 | 34.2 | 44.5 | 47.0 | 53.7 | 57.6 | 57.9 | 62.1 | 62.1 | 63.4 | 63.7 | 63.7 | 63.7 | 64.0 |
| ≥ 14000 | .2 | 12.5 | 26.1 | 34.4 | 44.9 | 47.3 | 54.2 | 58.3 | 58.4 | 62.7 | 62.7 | 64.0 | 64.3 | 64.3 | 64.3 | 64.6 |
| ≥ 12000 | .2 | 13.2 | 27.3 | 35.8 | 46.4 | 49.0 | 56.0 | 59.9 | 60.2 | 64.5 | 64.5 | 65.8 | 66.2 | 66.2 | 66.2 | 66.5 |
| ≥ 10000 | .2 | 14.4 | 30.2 | 39.2 | 51.3 | 53.9 | 62.0 | 66.2 | 66.5 | 71.1 | 71.1 | 72.6 | 73.0 | 73.0 | 73.0 | 73.3 |
| ≥ 9000 | .2 | 14.5 | 30.3 | 39.3 | 51.4 | 54.2 | 62.3 | 66.6 | 66.8 | 71.5 | 71.5 | 72.9 | 73.4 | 73.4 | 73.4 | 73.7 |
| ≥ 8000 | .2 | 14.6 | 30.9 | 40.1 | 52.5 | 55.3 | 63.6 | 68.2 | 68.5 | 73.1 | 73.1 | 74.6 | 75.3 | 75.3 | 75.3 | 75.5 |
| ≥ 7000 | .2 | 14.7 | 31.3 | 40.6 | 53.0 | 55.7 | 64.2 | 68.7 | 69.0 | 73.7 | 73.7 | 75.2 | 75.8 | 75.8 | 75.8 | 76.1 |
| ≥ 6000 | .2 | 15.6 | 33.4 | 43.1 | 55.7 | 58.6 | 67.1 | 72.0 | 72.3 | 77.2 | 77.2 | 78.9 | 79.5 | 79.5 | 79.5 | 79.7 |
| ≥ 5000 | .3 | 16.0 | 34.2 | 44.3 | 57.3 | 60.7 | 69.7 | 74.7 | 75.0 | 80.0 | 80.0 | 81.6 | 82.3 | 82.3 | 82.3 | 82.6 |
| ≥ 4500 | .3 | 16.4 | 34.8 | 44.9 | 58.2 | 61.4 | 70.4 | 75.5 | 75.8 | 80.9 | 80.9 | 82.5 | 83.2 | 83.2 | 83.2 | 83.5 |
| ≥ 4000 | .4 | 17.8 | 36.9 | 47.4 | 61.3 | 64.5 | 73.8 | 79.0 | 79.3 | 84.7 | 84.7 | 86.3 | 87.2 | 87.2 | 87.2 | 87.5 |
| ≥ 3500 | .5 | 18.5 | 37.6 | 48.5 | 62.4 | 65.7 | 75.0 | 80.2 | 80.5 | 85.9 | 85.9 | 87.5 | 88.4 | 88.4 | 88.4 | 88.7 |
| ≥ 3000 | .6 | 19.3 | 38.5 | 49.7 | 64.1 | 67.4 | 76.7 | 82.1 | 82.3 | 88.1 | 88.1 | 89.8 | 90.9 | 90.9 | 90.9 | 91.1 |
| ≥ 2500 | .6 | 19.5 | 39.1 | 50.4 | 65.1 | 68.4 | 77.8 | 83.2 | 83.4 | 89.3 | 89.3 | 91.0 | 92.1 | 92.1 | 92.1 | 92.4 |
| ≥ 2000 | .6 | 19.6 | 39.2 | 50.9 | 65.9 | 69.2 | 78.8 | 84.1 | 84.4 | 90.4 | 90.4 | 92.1 | 93.3 | 93.3 | 93.3 | 93.5 |
| ≥ 1800 | .6 | 19.6 | 39.2 | 50.9 | 65.9 | 69.3 | 78.9 | 84.2 | 84.5 | 90.5 | 90.5 | 92.2 | 93.4 | 93.4 | 93.4 | 93.6 |
| ≥ 1500 | .6 | 19.8 | 39.4 | 51.1 | 66.1 | 69.4 | 79.2 | 84.6 | 84.9 | 90.9 | 90.9 | 92.6 | 93.7 | 93.7 | 93.7 | 94.0 |
| ≥ 1200 | .6 | 19.9 | 39.5 | 51.2 | 66.7 | 70.0 | 79.7 | 85.1 | 85.4 | 91.5 | 91.5 | 93.4 | 94.5 | 94.5 | 94.5 | 94.8 |
| ≥ 1000 | .6 | 19.9 | 39.6 | 51.3 | 66.8 | 70.2 | 80.2 | 85.7 | 85.9 | 92.0 | 92.0 | 93.9 | 95.3 | 95.3 | 95.3 | 95.6 |
| ≥ 900 | .6 | 19.9 | 39.7 | 51.4 | 66.9 | 70.3 | 80.4 | 85.8 | 86.1 | 92.2 | 92.2 | 94.1 | 95.4 | 95.4 | 95.4 | 95.8 |
| ≥ 800 | .6 | 19.9 | 39.8 | 51.5 | 67.0 | 70.4 | 80.5 | 85.9 | 86.2 | 92.3 | 92.3 | 94.2 | 95.5 | 95.6 | 95.6 | 96.2 |
| ≥ 700 | .6 | 19.9 | 39.8 | 51.5 | 67.0 | 70.4 | 80.5 | 86.0 | 86.3 | 92.5 | 92.5 | 94.4 | 95.7 | 95.8 | 95.8 | 96.4 |
| ≥ 600 | .6 | 19.9 | 39.8 | 51.5 | 67.0 | 70.4 | 80.7 | 86.3 | 86.6 | 92.8 | 92.8 | 94.7 | 96.1 | 96.1 | 96.1 | 96.8 |
| ≥ 500 | .6 | 19.9 | 39.8 | 51.5 | 67.2 | 70.6 | 80.9 | 86.5 | 86.7 | 93.1 | 93.1 | 95.0 | 96.3 | 96.4 | 96.4 | 97.0 |
| ≥ 400 | .6 | 19.9 | 39.9 | 51.7 | 67.4 | 70.8 | 81.2 | 86.8 | 87.1 | 93.5 | 93.5 | 95.3 | 96.7 | 96.8 | 96.8 | 97.5 |
| ≥ 300 | .6 | 19.9 | 39.9 | 51.7 | 67.4 | 70.8 | 81.2 | 86.8 | 87.1 | 93.5 | 93.5 | 95.5 | 97.0 | 97.0 | 97.0 | 97.8 |
| ≥ 200 | .6 | 19.9 | 39.9 | 51.7 | 67.4 | 70.8 | 81.2 | 86.9 | 87.2 | 93.7 | 93.7 | 95.7 | 97.1 | 97.2 | 97.2 | 98.1 |
| ≥ 100 | .6 | 19.9 | 39.9 | 51.7 | 67.4 | 70.8 | 81.2 | 86.9 | 87.2 | 93.7 | 93.7 | 95.7 | 97.1 | 97.2 | 97.2 | 98.2 |
| 0 | .6 | 19.9 | 39.9 | 51.7 | 67.4 | 70.8 | 81.2 | 86.9 | 87.2 | 93.7 | 93.7 | 95.9 | 97.8 | 97.8 | 97.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

33742

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | CT MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 8.4 | 45.3 | 52.0 | 56.2 | 58.2 | 59.1 | 59.6 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥ 20000 | 10.8 | 52.8 | 60.6 | 65.3 | 67.7 | 68.6 | 69.3 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| < 18000 | 10.8 | 52.9 | 60.7 | 65.4 | 67.7 | 68.7 | 69.4 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 16000 | 10.8 | 52.9 | 60.7 | 65.4 | 67.7 | 68.7 | 69.4 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| < 14000 | 10.9 | 53.6 | 61.4 | 66.1 | 68.5 | 69.4 | 70.2 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 12000 | 11.3 | 56.7 | 64.9 | 69.7 | 72.1 | 73.1 | 73.8 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| < 10000 | 12.3 | 60.7 | 69.5 | 75.3 | 78.1 | 79.2 | 80.1 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 9000 | 12.3 | 61.9 | 69.8 | 75.5 | 78.4 | 79.5 | 80.4 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| < 8000 | 12.5 | 62.3 | 71.3 | 77.2 | 80.1 | 81.2 | 82.1 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 7000 | 12.5 | 62.4 | 71.7 | 77.5 | 80.6 | 81.6 | 82.5 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| < 6000 | 12.7 | 64.0 | 73.4 | 79.4 | 82.5 | 83.6 | 84.5 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 5000 | 12.8 | 64.5 | 74.1 | 80.4 | 83.6 | 84.7 | 85.6 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| < 4500 | 12.9 | 65.1 | 74.8 | 81.2 | 84.4 | 85.5 | 86.4 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 4000 | 13.1 | 66.6 | 76.4 | 82.8 | 86.1 | 87.2 | 88.1 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| < 3500 | 13.3 | 67.0 | 77.0 | 83.4 | 86.7 | 87.8 | 88.7 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 3000 | 13.3 | 67.3 | 77.3 | 84.0 | 87.5 | 88.5 | 89.4 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| < 2500 | 13.4 | 69.3 | 79.7 | 86.5 | 90.0 | 91.0 | 91.9 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 2000 | 13.8 | 71.2 | 82.3 | 89.3 | 93.0 | 94.1 | 95.1 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| < 1800 | 13.8 | 71.7 | 82.9 | 90.1 | 94.0 | 95.2 | 96.1 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1500 | 13.8 | 71.9 | 83.1 | 90.2 | 94.3 | 95.4 | 96.4 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| < 1200 | 13.8 | 72.1 | 83.7 | 90.9 | 95.0 | 96.1 | 97.1 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1000 | 13.8 | 72.3 | 83.9 | 91.2 | 95.3 | 96.4 | 97.5 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| < 900 | 13.8 | 72.5 | 84.1 | 91.4 | 95.4 | 96.6 | 97.7 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 13.8 | 72.6 | 84.2 | 91.8 | 96.0 | 97.1 | 98.2 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| < 700 | 13.8 | 72.7 | 84.3 | 91.9 | 96.1 | 97.2 | 98.3 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 13.8 | 72.7 | 84.4 | 92.0 | 96.1 | 97.3 | 98.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| < 500 | 13.8 | 72.7 | 84.4 | 92.0 | 96.1 | 97.3 | 98.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 13.8 | 72.7 | 84.4 | 92.1 | 96.2 | 97.4 | 98.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 300 | 13.8 | 72.7 | 84.4 | 92.1 | 96.2 | 97.4 | 98.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 13.8 | 72.7 | 84.4 | 92.1 | 96.2 | 97.4 | 98.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 100 | 13.8 | 72.7 | 84.4 | 92.1 | 96.2 | 97.4 | 98.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 13.8 | 72.7 | 84.4 | 92.1 | 96.2 | 97.4 | 98.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 24.8 | 57.0 | 58.2 | 58.8 | 59.2 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 20000 | 29.4 | 67.4 | 68.8 | 69.9 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 18000 | 29.4 | 67.4 | 68.8 | 69.9 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 16000 | 29.4 | 67.4 | 68.8 | 69.9 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 14000 | 30.3 | 69.3 | 70.7 | 71.8 | 72.4 | 72.4 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 12000 | 31.6 | 72.4 | 73.8 | 74.9 | 75.5 | 75.5 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 10000 | 34.1 | 78.2 | 79.9 | 81.2 | 81.9 | 81.9 | 82.1 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 9000 | 34.1 | 78.3 | 80.0 | 81.3 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 8000 | 34.7 | 80.6 | 82.4 | 83.7 | 84.4 | 84.4 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 7000 | 34.7 | 80.9 | 82.7 | 84.0 | 84.7 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 6000 | 35.2 | 82.3 | 84.1 | 85.4 | 86.2 | 86.2 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 5000 | 35.5 | 83.4 | 85.2 | 86.6 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 4500 | 35.5 | 84.0 | 85.8 | 87.1 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 4000 | 35.5 | 84.8 | 86.6 | 88.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 3500 | 35.7 | 85.2 | 87.1 | 88.5 | 89.5 | 89.5 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 3000 | 36.6 | 86.5 | 88.4 | 89.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 2500 | 37.0 | 90.6 | 92.6 | 94.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | |
| ≥ 2000 | 37.9 | 93.4 | 95.6 | 97.2 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98. | |
| ≥ 1800 | 37.9 | 93.9 | 96.1 | 97.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1500 | 37.9 | 94.0 | 96.3 | 98.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1200 | 37.9 | 94.1 | 96.4 | 98.2 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 37.9 | 94.1 | 96.4 | 98.2 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 37.9 | 94.2 | 96.5 | 98.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 37.9 | 94.2 | 96.5 | 98.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 37.9 | 94.2 | 96.5 | 98.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 37.9 | 94.2 | 96.5 | 98.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 37.9 | 94.2 | 96.5 | 98.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 37.9 | 94.2 | 96.5 | 98.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 37.9 | 94.2 | 96.5 | 98.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 37.9 | 94.2 | 96.5 | 98.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 37.9 | 94.2 | 96.5 | 98.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 37.9 | 94.2 | 96.5 | 98.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2 DATA PROCESSING FORMS 33792

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) OCT (MONTH)

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

1500-1700 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 19.3 | 46.1 | 51.3 | 54.3 | 55.8 | 56.1 | 57.8 | 58.2 | 58.2 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 20000 | 22.8 | 53.4 | 59.1 | 62.5 | 64.2 | 64.5 | 66.8 | 67.1 | 67.1 | 67.4 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 18000 | 22.8 | 53.4 | 59.1 | 62.5 | 64.2 | 64.5 | 66.8 | 67.1 | 67.1 | 67.4 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 16000 | 22.8 | 53.4 | 59.1 | 62.5 | 64.2 | 64.5 | 66.8 | 67.1 | 67.1 | 67.4 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 14000 | 23.7 | 54.3 | 60.2 | 63.7 | 65.4 | 65.7 | 68.0 | 68.4 | 68.4 | 68.6 | 68.6 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 12000 | 25.5 | 57.2 | 63.2 | 66.7 | 68.4 | 68.7 | 71.1 | 71.4 | 71.4 | 71.7 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 10000 | 27.4 | 63.0 | 69.3 | 72.9 | 74.8 | 75.3 | 78.0 | 78.3 | 78.3 | 78.6 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 9000 | 27.4 | 63.1 | 69.4 | 73.0 | 74.9 | 75.4 | 78.0 | 78.4 | 78.4 | 78.7 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 8000 | 28.1 | 65.9 | 72.2 | 75.9 | 77.8 | 78.2 | 81.4 | 81.7 | 81.7 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 7000 | 28.4 | 66.7 | 72.9 | 76.6 | 78.5 | 78.9 | 82.1 | 82.4 | 82.4 | 82.7 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 6000 | 29.0 | 68.6 | 75.4 | 79.1 | 81.2 | 81.6 | 84.9 | 85.2 | 85.2 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 5000 | 29.9 | 70.7 | 77.5 | 81.3 | 83.3 | 83.8 | 87.1 | 87.5 | 87.5 | 87.7 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 4500 | 29.9 | 71.0 | 77.8 | 81.5 | 83.6 | 84.1 | 87.4 | 87.7 | 87.7 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 4000 | 30.3 | 72.5 | 79.6 | 83.4 | 85.5 | 85.9 | 89.3 | 89.7 | 89.7 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 3500 | 30.5 | 73.1 | 80.4 | 84.2 | 86.3 | 86.7 | 90.1 | 90.5 | 90.5 | 90.9 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 3000 | 31.1 | 74.2 | 81.5 | 85.8 | 87.9 | 88.4 | 91.8 | 92.1 | 92.1 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 2500 | 31.5 | 76.7 | 84.3 | 88.6 | 91.3 | 91.8 | 95.3 | 95.7 | 95.7 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 2000 | 31.6 | 78.8 | 86.4 | 90.9 | 93.8 | 94.5 | 98.0 | 98.4 | 98.4 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1800 | 31.6 | 78.9 | 86.6 | 91.2 | 94.1 | 94.8 | 98.3 | 98.7 | 98.7 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1500 | 31.6 | 79.1 | 86.9 | 91.7 | 94.7 | 95.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 31.6 | 79.1 | 86.9 | 91.7 | 94.7 | 95.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 31.6 | 79.1 | 86.9 | 91.7 | 94.7 | 95.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 31.6 | 79.1 | 86.9 | 91.7 | 94.7 | 95.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 31.6 | 79.1 | 86.9 | 91.7 | 94.7 | 95.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 31.6 | 79.1 | 86.9 | 91.7 | 94.7 | 95.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 31.6 | 79.1 | 86.9 | 91.7 | 94.7 | 95.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 31.6 | 79.1 | 86.9 | 91.7 | 94.7 | 95.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 31.6 | 79.1 | 86.9 | 91.7 | 94.7 | 95.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 31.6 | 79.1 | 86.9 | 91.7 | 94.7 | 95.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 31.6 | 79.1 | 86.9 | 91.7 | 94.7 | 95.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 31.6 | 79.1 | 86.9 | 91.7 | 94.7 | 95.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 31.6 | 79.1 | 86.9 | 91.7 | 94.7 | 95.5 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

33792

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) LCT (MONTH)

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

1900-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | .9 | 44.3 | 47.8 | 52.5 | 54.4 | 55.2 | 56.5 | 56.7 | 56.7 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 20000 | 7.6 | 49.5 | 53.5 | 58.4 | 60.5 | 61.4 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 18000 | 7.6 | 49.5 | 53.5 | 58.4 | 60.5 | 61.4 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 16000 | 7.6 | 49.5 | 53.5 | 58.4 | 60.5 | 61.4 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 14000 | 7.6 | 49.7 | 53.8 | 58.8 | 60.8 | 61.7 | 63.5 | 63.8 | 63.8 | 63.8 | 63.8 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 12000 | 7.9 | 51.0 | 55.0 | 60.0 | 62.1 | 63.1 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 10000 | 9.1 | 57.2 | 61.7 | 66.9 | 69.1 | 70.3 | 72.0 | 72.3 | 72.3 | 72.3 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 9000 | 9.1 | 57.2 | 61.7 | 66.9 | 69.1 | 70.3 | 72.0 | 72.3 | 72.3 | 72.3 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 8000 | 9.4 | 59.7 | 64.6 | 69.8 | 72.0 | 73.2 | 75.4 | 75.7 | 75.7 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 7000 | 9.4 | 60.1 | 65.6 | 70.8 | 72.9 | 74.2 | 76.4 | 76.7 | 76.7 | 76.7 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 6000 | 9.9 | 64.2 | 69.3 | 74.7 | 77.0 | 78.3 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 5000 | 10.3 | 67.8 | 72.9 | 78.7 | 81.2 | 82.5 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 4500 | 10.3 | 68.6 | 73.8 | 79.6 | 82.1 | 83.4 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 4000 | 10.7 | 72.4 | 77.7 | 83.9 | 86.6 | 87.9 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 3500 | 11.0 | 73.9 | 79.3 | 85.5 | 88.2 | 89.5 | 92.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 3000 | 11.3 | 75.5 | 81.1 | 87.5 | 90.2 | 91.7 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 2500 | 11.5 | 77.4 | 83.1 | 89.6 | 93.0 | 94.4 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 2000 | 11.6 | 78.3 | 84.0 | 90.6 | 94.2 | 95.6 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 11.6 | 78.4 | 84.1 | 90.7 | 94.3 | 95.7 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 11.6 | 78.9 | 84.6 | 91.3 | 95.0 | 96.5 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1200 | 11.6 | 79.1 | 84.8 | 91.5 | 95.2 | 96.7 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1000 | 11.6 | 79.2 | 84.9 | 91.6 | 95.3 | 96.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 11.6 | 79.2 | 84.9 | 91.6 | 95.3 | 96.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 11.6 | 79.2 | 84.9 | 91.6 | 95.3 | 96.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 11.6 | 79.2 | 84.9 | 91.6 | 95.3 | 96.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 11.6 | 79.2 | 84.9 | 91.6 | 95.3 | 96.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 11.6 | 79.2 | 84.9 | 91.6 | 95.3 | 96.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 11.6 | 79.2 | 84.9 | 91.6 | 95.3 | 96.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 11.6 | 79.2 | 84.9 | 91.6 | 95.3 | 96.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 11.6 | 79.2 | 84.9 | 91.6 | 95.3 | 96.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 11.6 | 79.2 | 84.9 | 91.6 | 95.3 | 96.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 11.6 | 79.2 | 84.9 | 91.6 | 95.3 | 96.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZF (STATION NAME) 54-65 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 6.4 | 68.9 | 69.1 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 20000 | 7.3 | 70.7 | 71.0 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 18000 | 7.3 | 70.7 | 71.0 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 16000 | 7.3 | 70.8 | 71.1 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 14000 | 7.3 | 71.1 | 71.3 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 12000 | 7.3 | 71.3 | 71.6 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 10000 | 8.4 | 75.8 | 76.1 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 9000 | 8.4 | 75.8 | 76.1 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 8000 | 8.5 | 77.4 | 77.8 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 7000 | 8.7 | 78.4 | 78.8 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 6000 | 8.9 | 81.7 | 82.1 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 5000 | 9.5 | 85.2 | 85.6 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 4500 | 9.5 | 86.4 | 86.8 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 4000 | 9.9 | 91.3 | 91.8 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 3500 | 9.9 | 92.2 | 92.7 | 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 |
| ≥ 3000 | 10.0 | 94.1 | 94.6 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 2500 | 10.0 | 96.0 | 96.5 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 2000 | 10.0 | 96.2 | 96.8 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 10.0 | 96.2 | 96.8 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 10.0 | 96.9 | 97.4 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 10.0 | 97.0 | 97.6 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 10.0 | 97.1 | 97.7 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900 | 10.0 | 97.1 | 97.7 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 10.0 | 97.2 | 97.8 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 10.0 | 97.2 | 97.8 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 10.0 | 97.4 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 10.0 | 97.4 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 10.0 | 97.4 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 10.0 | 97.4 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 10.0 | 97.4 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 10.0 | 97.4 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 10.0 | 97.4 | 97.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) OCT (MONTH)

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

ALL (HOURS (L.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 9.2 | 51.4 | 55.5 | 56.4 | 60.5 | 60.9 | 62.2 | 62.8 | 62.8 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 20000 | 10.9 | 56.0 | 60.7 | 63.9 | 66.1 | 66.7 | 68.2 | 68.9 | 68.9 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 18000 | 10.9 | 56.0 | 60.7 | 63.9 | 66.1 | 66.7 | 68.3 | 68.9 | 68.9 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 |
| ≥ 16000 | 10.9 | 56.0 | 60.7 | 63.9 | 66.2 | 66.7 | 68.3 | 68.9 | 69.0 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 |
| ≥ 14000 | 11.1 | 56.5 | 61.3 | 64.5 | 66.8 | 67.3 | 68.9 | 69.6 | 69.6 | 70.3 | 70.3 | 70.5 | 70.5 | 70.5 | 70.5 | 70.6 |
| ≥ 12000 | 11.6 | 56.1 | 63.0 | 66.2 | 68.5 | 69.1 | 70.7 | 71.4 | 71.4 | 72.1 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 |
| ≥ 10000 | 12.7 | 62.4 | 67.7 | 71.2 | 73.8 | 74.5 | 76.3 | 77.0 | 77.0 | 77.7 | 77.7 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 9000 | 12.7 | 62.5 | 67.8 | 71.3 | 73.9 | 74.6 | 76.4 | 77.1 | 77.1 | 77.8 | 77.8 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 8000 | 13.0 | 64.2 | 69.7 | 73.2 | 75.9 | 76.5 | 78.5 | 79.2 | 79.3 | 80.0 | 80.0 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 7000 | 13.1 | 64.6 | 70.2 | 73.7 | 76.4 | 77.1 | 79.1 | 79.8 | 79.8 | 80.5 | 80.5 | 80.8 | 80.8 | 80.8 | 80.8 | 80.9 |
| ≥ 6000 | 13.4 | 66.8 | 72.6 | 76.2 | 79.0 | 79.7 | 81.7 | 82.4 | 82.5 | 83.2 | 83.2 | 83.4 | 83.5 | 83.5 | 83.5 | 83.6 |
| ≥ 5000 | 13.7 | 68.9 | 74.9 | 78.6 | 81.5 | 82.2 | 84.3 | 85.1 | 85.1 | 85.9 | 85.9 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 4500 | 13.7 | 69.5 | 75.8 | 79.6 | 82.5 | 83.2 | 85.3 | 86.1 | 86.1 | 86.9 | 86.9 | 87.1 | 87.2 | 87.2 | 87.2 | 87.3 |
| ≥ 4000 | 14.0 | 72.4 | 78.6 | 82.6 | 85.7 | 86.4 | 88.6 | 89.4 | 89.4 | 90.2 | 90.2 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 3500 | 14.1 | 73.2 | 79.4 | 83.5 | 86.5 | 87.3 | 89.5 | 90.3 | 90.3 | 91.1 | 91.1 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 3000 | 14.4 | 74.7 | 81.1 | 85.3 | 88.4 | 89.2 | 91.3 | 92.2 | 92.2 | 93.1 | 93.1 | 93.3 | 93.4 | 93.4 | 93.4 | 93.5 |
| ≥ 2500 | 14.5 | 76.5 | 83.0 | 87.3 | 90.6 | 91.4 | 93.6 | 94.4 | 94.4 | 95.3 | 95.3 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 2000 | 14.7 | 77.5 | 84.2 | 88.6 | 92.0 | 92.8 | 95.1 | 95.9 | 95.9 | 96.8 | 96.8 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 |
| ≥ 1800 | 14.7 | 77.8 | 84.4 | 88.8 | 92.3 | 93.2 | 95.4 | 96.2 | 96.3 | 97.1 | 97.1 | 97.4 | 97.5 | 97.5 | 97.5 | 97.6 |
| ≥ 1500 | 14.7 | 78.0 | 84.7 | 89.2 | 92.8 | 93.6 | 95.9 | 96.7 | 96.8 | 97.7 | 97.7 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1200 | 14.7 | 78.2 | 85.0 | 89.5 | 93.1 | 94.0 | 96.2 | 97.1 | 97.2 | 98.1 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1000 | 14.7 | 78.3 | 85.1 | 89.6 | 93.3 | 94.2 | 96.5 | 97.3 | 97.4 | 98.3 | 98.3 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 900 | 14.7 | 78.4 | 85.2 | 89.7 | 93.4 | 94.2 | 96.5 | 97.4 | 97.5 | 98.4 | 98.4 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 |
| ≥ 800 | 14.7 | 78.4 | 85.2 | 89.8 | 93.5 | 94.4 | 96.7 | 97.6 | 97.6 | 98.5 | 98.5 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 700 | 14.7 | 78.5 | 85.3 | 89.8 | 93.5 | 94.4 | 96.7 | 97.6 | 97.6 | 98.6 | 98.6 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 |
| ≥ 600 | 14.7 | 78.5 | 85.3 | 89.9 | 93.5 | 94.4 | 96.8 | 97.7 | 97.7 | 98.7 | 98.7 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 500 | 14.7 | 78.6 | 85.4 | 90.0 | 93.7 | 94.6 | 96.9 | 97.8 | 97.9 | 98.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 |
| ≥ 400 | 14.7 | 78.6 | 85.5 | 90.1 | 93.8 | 94.6 | 97.0 | 98.0 | 98.0 | 98.9 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 300 | 14.7 | 78.6 | 85.5 | 90.1 | 93.8 | 94.7 | 97.1 | 98.0 | 98.0 | 99.0 | 99.0 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 200 | 14.7 | 78.6 | 85.5 | 90.1 | 93.8 | 94.7 | 97.1 | 98.0 | 98.0 | 99.0 | 99.0 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 |
| ≥ 100 | 14.7 | 78.6 | 85.5 | 90.1 | 93.8 | 94.7 | 97.1 | 98.0 | 98.0 | 99.0 | 99.0 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 |
| ≥ 0 | 14.7 | 78.6 | 85.5 | 90.1 | 93.8 | 94.7 | 97.1 | 98.0 | 98.0 | 99.0 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8928

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHOU-TZE STATION NAME | 54-65 YEARS | V MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 1.4 | 60.5 | 61.2 | 61.8 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.9 | 62.9 | 62.9 | 63.3 |
| ≥ 20000 | 1.5 | 62.6 | 63.3 | 63.9 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 65.0 | 65.0 | 65.0 | 65.5 |
| ≥ 18000 | 1.5 | 62.8 | 63.5 | 64.1 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 65.2 | 65.2 | 65.2 | 65.6 |
| ≥ 16000 | 1.5 | 63.1 | 63.8 | 64.4 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.5 | 65.5 | 65.5 | 65.9 |
| ≥ 14000 | 1.5 | 63.7 | 64.4 | 65.0 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 66.1 | 66.1 | 66.1 | 66.6 |
| ≥ 12000 | 1.9 | 64.4 | 65.2 | 65.7 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.9 | 66.9 | 66.9 | 67.3 |
| ≥ 10000 | 2.5 | 68.3 | 69.2 | 69.7 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.8 | 70.8 | 70.8 | 71.3 |
| ≥ 9000 | 2.5 | 68.3 | 69.2 | 69.7 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.8 | 70.8 | 70.8 | 71.3 |
| ≥ 8000 | 2.5 | 70.6 | 71.4 | 71.9 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 73.1 | 73.1 | 73.1 | 73.5 |
| ≥ 7000 | 2.5 | 71.2 | 72.0 | 72.6 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.7 | 73.7 | 73.7 | 74.2 |
| ≥ 6000 | 2.7 | 75.6 | 76.5 | 77.0 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 78.1 | 78.1 | 78.1 | 78.6 |
| ≥ 5000 | 2.8 | 80.2 | 81.1 | 81.7 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.8 | 82.8 | 82.8 | 83.2 |
| ≥ 4500 | 2.8 | 81.5 | 82.4 | 83.0 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 84.1 | 84.1 | 84.1 | 84.5 |
| ≥ 4000 | 3.1 | 86.9 | 87.8 | 88.3 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.9 |
| ≥ 3500 | 3.1 | 88.1 | 89.1 | 89.7 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.9 | 90.9 | 90.9 | 91.4 |
| ≥ 3000 | 3.1 | 89.8 | 90.8 | 91.8 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 93.0 | 93.0 | 93.0 | 93.4 |
| ≥ 2500 | 3.1 | 90.1 | 91.1 | 92.0 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.7 |
| ≥ 2000 | 3.1 | 90.5 | 91.5 | 92.4 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.6 | 93.6 | 93.6 | 94.1 |
| ≥ 1800 | 3.1 | 90.5 | 91.5 | 92.4 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.7 | 93.7 | 93.7 | 94.2 |
| ≥ 1500 | 3.1 | 90.8 | 91.9 | 92.9 | 93.7 | 93.8 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.4 | 94.4 | 94.4 | 94.8 |
| ≥ 1200 | 3.1 | 90.9 | 91.9 | 93.0 | 93.8 | 93.9 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.9 |
| ≥ 1000 | 3.1 | 91.0 | 92.0 | 93.1 | 93.9 | 94.0 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.8 | 94.8 | 94.8 | 95.3 |
| ≥ 900 | 3.1 | 91.1 | 92.1 | 93.1 | 94.0 | 94.1 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.9 | 94.9 | 94.9 | 95.4 |
| ≥ 800 | 3.1 | 91.5 | 92.5 | 93.6 | 94.4 | 94.5 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.4 | 95.4 | 95.4 | 95.8 |
| ≥ 700 | 3.1 | 91.9 | 92.9 | 94.0 | 94.8 | 94.9 | 95.3 | 95.3 | 95.3 | 95.5 | 95.5 | 95.3 | 95.7 | 95.7 | 95.7 | 96.2 |
| ≥ 600 | 3.1 | 92.3 | 93.3 | 94.4 | 95.4 | 95.5 | 95.8 | 95.8 | 95.8 | 96.0 | 96.0 | 96.3 | 96.6 | 96.6 | 96.6 | 97.0 |
| ≥ 500 | 3.1 | 92.3 | 93.3 | 94.4 | 95.5 | 95.6 | 95.9 | 95.9 | 95.9 | 96.2 | 96.2 | 96.5 | 96.9 | 96.9 | 96.9 | 97.3 |
| ≥ 400 | 3.1 | 92.5 | 93.8 | 95.1 | 96.3 | 96.4 | 96.8 | 96.8 | 96.8 | 97.3 | 97.3 | 97.6 | 98.0 | 98.0 | 98.0 | 98.4 |
| ≥ 300 | 3.1 | 92.6 | 93.9 | 95.3 | 96.6 | 96.7 | 97.0 | 97.0 | 97.0 | 97.6 | 97.6 | 97.9 | 98.2 | 98.2 | 98.2 | 98.7 |
| ≥ 200 | 3.1 | 92.6 | 93.9 | 95.3 | 96.8 | 96.9 | 97.2 | 97.2 | 97.2 | 97.8 | 97.8 | 98.1 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 100 | 3.1 | 92.6 | 93.9 | 95.3 | 96.8 | 96.9 | 97.2 | 97.2 | 97.2 | 97.8 | 97.8 | 98.1 | 98.6 | 98.6 | 98.6 | 99.3 |
| 0 | 3.1 | 92.6 | 93.9 | 95.3 | 96.8 | 96.9 | 97.2 | 97.2 | 97.2 | 97.9 | 97.9 | 98.1 | 99.1 | 99.1 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) NOV (MONTH)

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

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | .6 | 50.6 | 56.4 | 57.3 | 59.7 | 60.0 | 60.5 | 60.6 | 60.6 | 61.0 | 61.0 | 61.0 | 61.8 | 61.8 | 61.8 | 62.5 |
| ≥ 20000 | .8 | 52.5 | 58.3 | 59.3 | 61.8 | 62.0 | 62.5 | 62.6 | 62.6 | 63.1 | 63.1 | 63.1 | 63.8 | 63.8 | 63.8 | 64.5 |
| ≥ 18000 | .8 | 52.5 | 58.3 | 59.3 | 61.8 | 62.0 | 62.5 | 62.6 | 62.6 | 63.1 | 63.1 | 63.1 | 63.8 | 63.8 | 63.8 | 64.5 |
| ≥ 16000 | .8 | 52.5 | 58.3 | 59.3 | 61.8 | 62.0 | 62.5 | 62.6 | 62.6 | 63.1 | 63.1 | 63.1 | 63.8 | 63.8 | 63.8 | 64.5 |
| ≥ 14000 | .8 | 53.0 | 58.8 | 59.7 | 62.2 | 62.5 | 63.0 | 63.1 | 63.1 | 63.5 | 63.5 | 63.5 | 64.3 | 64.3 | 64.3 | 65.0 |
| ≥ 12000 | 1.0 | 53.7 | 59.5 | 60.5 | 63.0 | 63.2 | 63.7 | 63.8 | 63.8 | 64.3 | 64.3 | 64.3 | 65.0 | 65.0 | 65.0 | 65.7 |
| ≥ 10000 | 1.2 | 56.2 | 62.3 | 63.4 | 66.0 | 66.3 | 66.9 | 66.9 | 66.9 | 67.4 | 67.4 | 67.4 | 68.1 | 68.1 | 68.1 | 68.9 |
| ≥ 9000 | 1.2 | 56.2 | 62.3 | 63.4 | 66.0 | 66.3 | 66.9 | 66.9 | 66.9 | 67.4 | 67.4 | 67.4 | 68.1 | 68.1 | 68.1 | 68.9 |
| ≥ 8000 | 1.2 | 57.7 | 63.9 | 65.1 | 67.7 | 68.0 | 68.5 | 68.6 | 68.6 | 69.1 | 69.1 | 69.1 | 69.8 | 69.8 | 69.8 | 70.6 |
| ≥ 7000 | 1.2 | 58.1 | 64.3 | 65.5 | 68.1 | 68.3 | 68.9 | 69.0 | 69.0 | 69.4 | 69.4 | 69.4 | 70.2 | 70.2 | 70.2 | 70.9 |
| ≥ 6000 | 1.3 | 62.2 | 68.5 | 69.8 | 72.4 | 72.7 | 73.2 | 73.3 | 73.3 | 73.8 | 73.8 | 73.8 | 74.5 | 74.5 | 74.5 | 75.3 |
| ≥ 5000 | 1.5 | 67.0 | 73.3 | 74.6 | 77.2 | 77.5 | 78.1 | 78.1 | 78.1 | 78.6 | 78.6 | 78.6 | 79.4 | 79.4 | 79.4 | 80.1 |
| ≥ 4500 | 1.6 | 68.8 | 75.1 | 76.4 | 79.2 | 79.4 | 80.0 | 80.1 | 80.1 | 80.6 | 80.6 | 80.6 | 81.3 | 81.3 | 81.3 | 82.0 |
| ≥ 4000 | 1.7 | 72.7 | 79.0 | 80.3 | 83.1 | 83.3 | 83.9 | 84.0 | 84.0 | 84.5 | 84.5 | 84.6 | 85.4 | 85.4 | 85.4 | 86.1 |
| ≥ 3500 | 1.7 | 74.0 | 80.4 | 82.0 | 84.8 | 85.1 | 85.6 | 85.7 | 85.7 | 86.3 | 86.3 | 86.4 | 87.1 | 87.1 | 87.1 | 87.9 |
| ≥ 3000 | 1.7 | 75.8 | 82.6 | 84.8 | 87.6 | 87.9 | 88.6 | 88.7 | 88.7 | 89.3 | 89.3 | 89.4 | 90.1 | 90.1 | 90.1 | 90.8 |
| ≥ 2500 | 1.7 | 76.2 | 83.0 | 85.2 | 88.0 | 88.2 | 89.0 | 89.1 | 89.1 | 89.6 | 89.6 | 89.7 | 90.5 | 90.5 | 90.5 | 91.2 |
| ≥ 2000 | 1.7 | 76.4 | 83.1 | 85.5 | 88.2 | 88.5 | 89.3 | 89.4 | 89.4 | 89.9 | 89.9 | 90.0 | 90.7 | 90.7 | 90.7 | 91.5 |
| ≥ 1800 | 1.7 | 76.4 | 83.1 | 85.5 | 88.2 | 88.5 | 89.3 | 89.4 | 89.4 | 89.9 | 89.9 | 90.0 | 90.7 | 90.7 | 90.7 | 91.5 |
| ≥ 1500 | 1.7 | 76.6 | 83.3 | 85.7 | 88.5 | 88.8 | 89.9 | 90.0 | 90.0 | 90.6 | 90.6 | 90.6 | 91.4 | 91.4 | 91.4 | 92.1 |
| ≥ 1200 | 1.7 | 76.9 | 83.6 | 86.0 | 88.8 | 89.1 | 90.2 | 90.3 | 90.3 | 90.8 | 90.8 | 90.9 | 91.7 | 91.7 | 91.7 | 92.4 |
| ≥ 1000 | 1.7 | 76.9 | 83.6 | 86.0 | 88.8 | 89.1 | 90.4 | 90.5 | 90.5 | 91.1 | 91.1 | 91.2 | 91.9 | 91.9 | 91.9 | 92.7 |
| ≥ 900 | 1.7 | 76.9 | 83.7 | 86.1 | 88.9 | 89.2 | 90.5 | 90.6 | 90.6 | 91.2 | 91.2 | 91.3 | 92.0 | 92.0 | 92.0 | 92.8 |
| ≥ 800 | 1.7 | 77.7 | 84.5 | 87.3 | 90.4 | 90.6 | 92.0 | 92.1 | 92.1 | 92.8 | 92.8 | 92.9 | 93.6 | 93.6 | 93.6 | 94.4 |
| ≥ 700 | 1.7 | 77.7 | 84.5 | 87.3 | 90.4 | 90.6 | 92.0 | 92.1 | 92.1 | 92.8 | 92.8 | 92.9 | 93.6 | 93.6 | 93.6 | 94.4 |
| ≥ 600 | 1.7 | 77.8 | 84.6 | 87.4 | 90.5 | 90.7 | 92.1 | 92.2 | 92.2 | 92.9 | 92.9 | 93.1 | 94.0 | 94.0 | 94.0 | 94.7 |
| ≥ 500 | 1.7 | 77.9 | 84.7 | 87.5 | 90.8 | 91.1 | 92.5 | 92.6 | 92.6 | 93.2 | 93.2 | 93.5 | 94.4 | 94.4 | 94.4 | 95.1 |
| ≥ 400 | 1.7 | 78.0 | 84.8 | 87.6 | 91.1 | 91.4 | 92.8 | 93.1 | 93.1 | 93.8 | 93.8 | 94.1 | 95.1 | 95.1 | 95.1 | 95.8 |
| ≥ 300 | 1.7 | 78.4 | 85.3 | 88.1 | 91.6 | 91.9 | 93.2 | 93.6 | 93.6 | 94.4 | 94.4 | 94.6 | 95.6 | 95.6 | 95.6 | 96.4 |
| ≥ 200 | 1.7 | 78.4 | 85.3 | 88.1 | 91.9 | 92.1 | 93.5 | 93.9 | 93.9 | 94.6 | 94.6 | 94.9 | 96.2 | 96.2 | 96.2 | 97.3 |
| ≥ 100 | 1.7 | 78.4 | 85.3 | 88.1 | 91.9 | 92.1 | 93.5 | 93.9 | 93.9 | 94.6 | 94.6 | 94.9 | 96.2 | 96.2 | 96.2 | 97.3 |
| ≥ 0 | 1.7 | 78.4 | 85.3 | 88.1 | 91.9 | 92.1 | 93.7 | 94.1 | 94.1 | 94.9 | 94.9 | 95.3 | 97.2 | 97.2 | 97.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-63 (YEARS) NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | .3 | 12.1 | 20.5 | 25.6 | 30.9 | 32.2 | 37.4 | 40.4 | 40.6 | 45.6 | 45.6 | 46.4 | 47.6 | 47.6 | 47.6 | 48.1 |
| ≥ 20000 | .4 | 13.5 | 22.8 | 28.1 | 34.0 | 35.4 | 40.9 | 44.0 | 44.2 | 49.8 | 49.8 | 50.6 | 51.9 | 51.9 | 51.9 | 52.4 |
| ≥ 18000 | .4 | 13.5 | 22.8 | 28.1 | 34.0 | 35.4 | 40.9 | 44.0 | 44.2 | 49.8 | 49.8 | 50.6 | 51.9 | 51.9 | 51.9 | 52.4 |
| ≥ 16000 | .4 | 13.5 | 22.8 | 28.1 | 34.0 | 35.4 | 40.9 | 44.0 | 44.2 | 49.8 | 49.8 | 50.6 | 51.9 | 51.9 | 51.9 | 52.4 |
| ≥ 14000 | .4 | 14.0 | 23.4 | 28.9 | 34.8 | 36.2 | 41.9 | 44.9 | 45.1 | 50.8 | 50.8 | 51.6 | 53.0 | 53.0 | 53.0 | 53.5 |
| ≥ 12000 | .4 | 14.7 | 24.3 | 29.9 | 35.8 | 37.2 | 42.9 | 46.0 | 46.2 | 51.9 | 51.9 | 52.7 | 54.2 | 54.2 | 54.2 | 54.7 |
| ≥ 10000 | .4 | 17.0 | 28.2 | 35.2 | 42.3 | 44.1 | 50.6 | 54.1 | 54.3 | 60.3 | 60.3 | 61.0 | 62.7 | 62.7 | 62.7 | 63.2 |
| ≥ 9000 | .4 | 17.2 | 28.4 | 35.4 | 42.5 | 44.3 | 50.8 | 54.4 | 54.5 | 60.6 | 60.6 | 61.3 | 63.0 | 63.0 | 63.0 | 63.5 |
| ≥ 8000 | .4 | 18.6 | 30.2 | 37.2 | 45.2 | 46.9 | 53.0 | 57.4 | 57.6 | 63.9 | 63.9 | 64.6 | 66.5 | 66.5 | 66.5 | 67.0 |
| ≥ 7000 | .4 | 19.0 | 30.6 | 37.8 | 45.8 | 47.6 | 54.4 | 58.1 | 58.2 | 64.5 | 64.5 | 65.3 | 67.1 | 67.1 | 67.1 | 67.7 |
| ≥ 6000 | .4 | 20.9 | 33.0 | 40.3 | 49.5 | 51.3 | 58.3 | 62.1 | 62.4 | 68.9 | 68.9 | 69.6 | 71.6 | 71.6 | 71.6 | 72.1 |
| ≥ 5000 | .4 | 23.6 | 36.4 | 44.1 | 53.5 | 55.3 | 62.6 | 66.6 | 66.9 | 73.5 | 73.5 | 74.3 | 76.3 | 76.3 | 76.3 | 76.9 |
| ≥ 4500 | .4 | 24.4 | 37.6 | 45.3 | 54.8 | 56.6 | 64.1 | 68.1 | 68.4 | 75.1 | 75.1 | 75.8 | 77.9 | 77.9 | 77.9 | 78.5 |
| ≥ 4000 | .5 | 27.6 | 41.6 | 49.8 | 59.6 | 61.7 | 69.5 | 73.8 | 74.1 | 80.7 | 80.7 | 81.3 | 83.7 | 83.7 | 83.7 | 84.4 |
| ≥ 3500 | .6 | 28.2 | 42.4 | 50.7 | 60.7 | 62.8 | 70.7 | 75.2 | 75.5 | 82.1 | 82.1 | 82.9 | 85.2 | 85.2 | 85.2 | 85.8 |
| ≥ 3000 | .6 | 28.9 | 43.2 | 51.7 | 61.7 | 63.7 | 71.8 | 76.2 | 76.5 | 83.2 | 83.2 | 84.1 | 86.4 | 86.4 | 86.4 | 87.0 |
| ≥ 2500 | .6 | 29.3 | 44.1 | 52.5 | 62.7 | 64.7 | 72.8 | 77.2 | 77.5 | 84.4 | 84.4 | 85.2 | 87.5 | 87.5 | 87.5 | 88.1 |
| ≥ 2000 | .6 | 29.4 | 44.3 | 52.9 | 63.1 | 65.1 | 73.2 | 77.9 | 78.1 | 85.0 | 85.0 | 85.8 | 88.1 | 88.1 | 88.1 | 88.8 |
| ≥ 1800 | .6 | 29.5 | 44.4 | 53.1 | 63.2 | 65.3 | 73.4 | 78.1 | 78.3 | 85.2 | 85.2 | 86.0 | 88.3 | 88.3 | 88.3 | 89.0 |
| ≥ 1500 | .6 | 29.5 | 44.4 | 53.2 | 63.4 | 65.5 | 73.7 | 78.3 | 78.6 | 85.6 | 85.6 | 86.5 | 88.9 | 88.9 | 88.9 | 89.5 |
| ≥ 1200 | .6 | 29.9 | 44.9 | 53.8 | 64.0 | 66.3 | 74.5 | 79.4 | 79.6 | 86.6 | 86.6 | 87.5 | 89.9 | 89.9 | 89.9 | 90.6 |
| ≥ 1000 | .6 | 30.0 | 45.0 | 54.3 | 65.0 | 67.3 | 75.6 | 80.6 | 80.8 | 87.9 | 87.9 | 88.8 | 91.3 | 91.3 | 91.3 | 91.9 |
| ≥ 900 | .6 | 30.0 | 45.0 | 54.3 | 65.0 | 67.3 | 75.6 | 80.6 | 80.8 | 87.9 | 87.9 | 88.8 | 91.3 | 91.3 | 91.3 | 91.9 |
| ≥ 800 | .6 | 30.0 | 45.0 | 54.4 | 65.3 | 67.6 | 75.9 | 81.1 | 81.4 | 88.5 | 88.5 | 89.5 | 92.1 | 92.1 | 92.1 | 92.8 |
| ≥ 700 | .6 | 30.1 | 45.1 | 54.7 | 65.6 | 68.0 | 76.5 | 81.7 | 81.9 | 89.1 | 89.1 | 90.1 | 92.7 | 92.7 | 92.7 | 93.3 |
| ≥ 600 | .6 | 30.4 | 45.5 | 55.2 | 66.2 | 68.5 | 77.1 | 82.4 | 82.7 | 89.8 | 89.8 | 91.0 | 93.8 | 93.8 | 93.8 | 94.4 |
| ≥ 500 | .6 | 30.4 | 45.5 | 55.2 | 66.2 | 68.5 | 77.1 | 82.7 | 83.0 | 90.4 | 90.4 | 91.7 | 94.6 | 94.6 | 94.6 | 95.3 |
| ≥ 400 | .6 | 30.4 | 45.5 | 55.2 | 66.2 | 68.5 | 77.1 | 82.9 | 83.1 | 90.9 | 90.9 | 92.3 | 95.4 | 95.4 | 95.4 | 96.1 |
| ≥ 300 | .6 | 30.4 | 45.6 | 55.4 | 66.5 | 68.8 | 77.4 | 83.1 | 83.4 | 91.2 | 91.2 | 92.6 | 95.6 | 95.6 | 95.6 | 96.4 |
| ≥ 200 | .6 | 30.6 | 45.7 | 55.6 | 66.7 | 69.2 | 77.8 | 83.5 | 83.8 | 91.6 | 91.6 | 93.0 | 96.1 | 96.1 | 96.1 | 96.9 |
| ≥ 100 | .6 | 30.6 | 45.7 | 55.6 | 66.9 | 69.2 | 77.8 | 83.5 | 83.8 | 91.6 | 91.6 | 93.0 | 96.2 | 96.2 | 96.2 | 97.0 |
| 0 | .6 | 30.6 | 45.7 | 55.6 | 66.9 | 69.2 | 77.8 | 83.5 | 83.8 | 91.7 | 91.7 | 93.1 | 97.0 | 97.0 | 97.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 63 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) NOV (MONTH)

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

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 7.7 | 39.4 | 45.6 | 51.0 | 53.1 | 54.3 | 56.4 | 57.0 | 57.0 | 57.2 | 57.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 20000 | 8.7 | 43.8 | 50.9 | 56.9 | 59.2 | 60.5 | 62.7 | 63.3 | 63.3 | 63.6 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 18000 | 8.7 | 43.8 | 50.9 | 56.9 | 59.2 | 60.5 | 62.7 | 63.3 | 63.3 | 63.6 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 16000 | 8.7 | 43.8 | 50.9 | 56.9 | 59.2 | 60.5 | 62.7 | 63.3 | 63.3 | 63.6 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 14000 | 9.0 | 45.2 | 52.5 | 58.9 | 61.2 | 62.5 | 64.6 | 65.2 | 65.2 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 12000 | 9.5 | 48.1 | 56.0 | 62.7 | 65.2 | 66.5 | 68.9 | 69.5 | 69.5 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 10000 | 9.8 | 54.8 | 63.7 | 71.1 | 74.1 | 75.5 | 77.9 | 78.7 | 78.7 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 9000 | 9.8 | 55.0 | 63.9 | 71.3 | 74.2 | 75.7 | 78.1 | 78.9 | 78.9 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 8000 | 9.9 | 56.9 | 66.1 | 73.7 | 76.9 | 78.4 | 80.9 | 81.6 | 81.6 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 7000 | 9.9 | 57.7 | 67.1 | 74.7 | 77.9 | 79.4 | 81.9 | 82.7 | 82.7 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 6000 | 10.0 | 59.2 | 69.1 | 76.8 | 80.6 | 82.1 | 84.6 | 85.4 | 85.4 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 5000 | 10.4 | 60.3 | 70.7 | 78.6 | 82.5 | 84.0 | 86.7 | 87.4 | 87.4 | 87.8 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 4500 | 10.4 | 61.1 | 71.6 | 79.5 | 83.4 | 84.9 | 87.6 | 88.3 | 88.3 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 4000 | 10.6 | 63.1 | 74.1 | 82.1 | 86.0 | 87.5 | 90.3 | 91.0 | 91.0 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 3500 | 10.6 | 63.4 | 74.3 | 82.4 | 86.6 | 88.0 | 90.8 | 91.6 | 91.6 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 3000 | 10.6 | 63.7 | 74.9 | 82.9 | 87.1 | 88.6 | 91.4 | 92.3 | 92.3 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 2500 | 10.6 | 64.5 | 75.7 | 83.9 | 88.1 | 89.6 | 92.4 | 93.3 | 93.3 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2000 | 10.7 | 65.2 | 76.6 | 84.7 | 89.0 | 90.5 | 93.2 | 94.2 | 94.2 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1800 | 10.7 | 65.2 | 76.6 | 84.7 | 89.0 | 90.5 | 93.2 | 94.2 | 94.2 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1500 | 10.7 | 65.3 | 76.7 | 84.9 | 89.2 | 90.7 | 93.5 | 94.4 | 94.4 | 95.0 | 95.0 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1200 | 10.7 | 65.6 | 77.1 | 85.4 | 90.0 | 91.5 | 94.3 | 95.3 | 95.3 | 95.8 | 95.8 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1000 | 10.8 | 65.9 | 77.6 | 85.9 | 90.6 | 92.1 | 94.9 | 95.9 | 95.9 | 96.5 | 96.5 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 900 | 10.8 | 66.0 | 77.7 | 86.1 | 90.8 | 92.3 | 95.1 | 96.1 | 96.1 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 800 | 10.8 | 66.5 | 78.1 | 86.8 | 91.8 | 93.3 | 96.1 | 97.2 | 97.2 | 97.8 | 97.8 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | 10.8 | 66.5 | 78.2 | 87.1 | 92.0 | 93.6 | 96.7 | 97.8 | 97.8 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 10.8 | 66.6 | 78.3 | 87.2 | 92.1 | 93.7 | 96.9 | 98.1 | 98.1 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 10.8 | 66.6 | 78.3 | 87.2 | 92.1 | 93.7 | 96.9 | 98.1 | 98.1 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 10.8 | 66.6 | 78.3 | 87.3 | 92.2 | 93.9 | 97.1 | 98.3 | 98.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 10.8 | 66.7 | 78.4 | 87.4 | 92.3 | 94.0 | 97.2 | 98.5 | 98.5 | 99.5 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 10.8 | 66.7 | 78.4 | 87.4 | 92.3 | 94.0 | 97.2 | 98.5 | 98.5 | 99.5 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 10.8 | 66.7 | 78.4 | 87.4 | 92.3 | 94.0 | 97.2 | 98.5 | 98.5 | 99.5 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 10.8 | 66.7 | 78.4 | 87.4 | 92.3 | 94.0 | 97.2 | 98.5 | 98.5 | 99.5 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1079

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.7 | 57.0 | 58.6 | 58.9 | 59.1 | 59.4 | 59.5 | 59.8 | 59.8 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥ 20000 | 28.3 | 63.1 | 64.9 | 65.5 | 65.7 | 66.0 | 66.2 | 66.5 | 66.5 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 | 67.0 |
| ≥ 18000 | 28.3 | 63.1 | 64.9 | 65.6 | 65.8 | 66.1 | 66.3 | 66.6 | 66.6 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.1 |
| ≥ 16000 | 28.3 | 63.4 | 65.2 | 65.8 | 66.1 | 66.4 | 66.6 | 66.9 | 66.9 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.4 |
| ≥ 14000 | 29.4 | 65.5 | 67.5 | 68.2 | 68.5 | 68.8 | 69.0 | 69.3 | 69.3 | 69.5 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.8 |
| ≥ 12000 | 30.7 | 68.8 | 70.9 | 71.8 | 72.0 | 72.3 | 72.5 | 72.8 | 72.8 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.3 |
| ≥ 10000 | 32.3 | 78.1 | 80.5 | 81.4 | 82.0 | 82.3 | 82.7 | 83.0 | 83.0 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.5 |
| ≥ 9000 | 32.4 | 78.2 | 80.6 | 81.5 | 82.1 | 82.4 | 82.8 | 83.1 | 83.1 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.6 |
| ≥ 8000 | 33.0 | 81.1 | 83.6 | 84.5 | 85.2 | 85.5 | 85.8 | 86.1 | 86.1 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.7 |
| ≥ 7000 | 33.1 | 81.7 | 84.2 | 85.1 | 85.7 | 86.0 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.2 |
| ≥ 6000 | 33.2 | 83.7 | 86.5 | 87.4 | 88.1 | 88.3 | 88.7 | 89.0 | 89.0 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.5 |
| ≥ 5000 | 33.6 | 85.6 | 88.4 | 89.4 | 90.1 | 90.4 | 90.7 | 91.0 | 91.0 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.6 |
| ≥ 4500 | 33.6 | 85.8 | 88.7 | 89.7 | 90.4 | 90.6 | 91.0 | 91.3 | 91.3 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.9 |
| ≥ 4000 | 33.7 | 87.4 | 90.3 | 91.3 | 91.9 | 92.2 | 92.6 | 92.9 | 92.9 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.4 |
| ≥ 3500 | 33.7 | 88.0 | 90.9 | 92.1 | 92.9 | 93.1 | 93.6 | 93.9 | 93.9 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.4 |
| ≥ 3000 | 33.7 | 88.5 | 91.8 | 93.0 | 93.7 | 94.0 | 94.4 | 94.7 | 94.7 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.3 |
| ≥ 2500 | 34.4 | 90.4 | 93.6 | 94.8 | 95.6 | 95.8 | 96.3 | 96.6 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.1 |
| ≥ 2000 | 34.6 | 91.0 | 94.5 | 95.8 | 96.6 | 96.9 | 97.3 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 |
| ≥ 1800 | 34.6 | 91.0 | 94.5 | 95.8 | 96.6 | 96.9 | 97.3 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 |
| ≥ 1500 | 34.6 | 91.0 | 94.6 | 95.9 | 96.7 | 96.9 | 97.4 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 |
| ≥ 1200 | 34.7 | 91.3 | 94.9 | 96.2 | 96.9 | 97.2 | 97.8 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.7 |
| ≥ 1000 | 34.8 | 91.8 | 95.4 | 96.8 | 97.5 | 97.8 | 98.3 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.3 |
| ≥ 900 | 34.8 | 91.8 | 95.5 | 96.9 | 97.6 | 97.9 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 |
| ≥ 800 | 34.8 | 91.8 | 95.5 | 96.9 | 97.6 | 97.9 | 98.6 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 700 | 34.8 | 91.8 | 95.5 | 96.9 | 97.6 | 97.9 | 98.7 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 600 | 34.8 | 91.8 | 95.5 | 96.9 | 97.6 | 97.9 | 98.7 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 |
| ≥ 500 | 34.8 | 91.8 | 95.5 | 96.9 | 97.6 | 97.9 | 98.7 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 |
| ≥ 400 | 34.8 | 91.8 | 95.5 | 96.9 | 97.6 | 97.9 | 98.7 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 |
| ≥ 300 | 34.8 | 91.8 | 95.5 | 96.9 | 97.6 | 97.9 | 98.7 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 |
| ≥ 200 | 34.8 | 91.8 | 95.5 | 96.9 | 97.6 | 97.9 | 98.7 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 |
| ≥ 100 | 34.8 | 91.8 | 95.5 | 96.9 | 97.6 | 97.9 | 98.7 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 |
| ≥ 0 | 34.8 | 91.8 | 95.5 | 96.9 | 97.6 | 97.9 | 98.7 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TAI (STATION NAME) 54-65 (YEARS) NOV (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 19.9 | 48.0 | 52.7 | 55.5 | 57.1 | 57.6 | 58.6 | 59.0 | 59.0 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 20000 | 21.4 | 52.1 | 57.7 | 61.0 | 63.1 | 63.9 | 65.6 | 66.0 | 66.0 | 66.9 | 66.9 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 18000 | 21.4 | 52.1 | 57.7 | 61.0 | 63.1 | 63.9 | 65.6 | 66.0 | 66.0 | 66.9 | 66.9 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 16000 | 21.5 | 52.3 | 57.9 | 61.2 | 63.3 | 64.1 | 65.8 | 66.2 | 66.2 | 67.1 | 67.1 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 14000 | 22.2 | 53.6 | 59.4 | 62.8 | 65.0 | 65.7 | 67.5 | 67.9 | 67.9 | 68.8 | 68.8 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 12000 | 23.0 | 55.5 | 61.2 | 64.8 | 67.4 | 68.1 | 69.9 | 70.3 | 70.3 | 71.2 | 71.2 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 10000 | 24.6 | 61.9 | 68.3 | 72.2 | 75.2 | 76.0 | 78.1 | 78.5 | 78.5 | 79.5 | 79.5 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 9000 | 24.7 | 62.0 | 68.4 | 72.3 | 75.3 | 76.1 | 78.1 | 78.6 | 78.6 | 79.6 | 79.6 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 8000 | 25.3 | 64.8 | 72.0 | 76.2 | 79.2 | 80.0 | 82.3 | 82.8 | 82.8 | 83.8 | 83.8 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 7000 | 25.9 | 66.1 | 73.3 | 77.5 | 80.5 | 81.3 | 83.6 | 84.1 | 84.1 | 85.1 | 85.1 | 85.1 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 6000 | 26.4 | 67.7 | 75.2 | 79.8 | 82.8 | 83.6 | 85.9 | 86.4 | 86.4 | 87.4 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 5000 | 26.9 | 70.2 | 77.7 | 82.5 | 85.6 | 86.5 | 89.0 | 89.4 | 89.4 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 4500 | 26.9 | 70.7 | 78.3 | 83.2 | 86.3 | 87.3 | 89.8 | 90.3 | 90.3 | 91.3 | 91.3 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 4000 | 27.2 | 72.2 | 80.1 | 85.2 | 88.6 | 89.4 | 91.9 | 92.4 | 92.4 | 93.6 | 93.6 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 3500 | 27.3 | 72.8 | 80.7 | 86.1 | 89.5 | 90.4 | 92.9 | 93.3 | 93.3 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3000 | 27.5 | 73.4 | 81.5 | 87.1 | 90.6 | 91.4 | 93.9 | 94.4 | 94.4 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 2500 | 28.1 | 75.0 | 83.3 | 89.2 | 92.6 | 93.4 | 96.0 | 96.6 | 96.6 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 2000 | 28.2 | 75.4 | 83.7 | 89.5 | 93.0 | 94.0 | 96.7 | 97.4 | 97.4 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1800 | 28.2 | 75.4 | 83.7 | 89.5 | 93.0 | 94.0 | 96.7 | 97.4 | 97.4 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1500 | 28.2 | 75.6 | 84.0 | 89.8 | 93.2 | 94.3 | 96.9 | 97.7 | 97.7 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1200 | 28.3 | 75.8 | 84.2 | 90.0 | 93.4 | 94.4 | 97.1 | 97.9 | 97.9 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 28.3 | 76.0 | 84.4 | 90.3 | 93.7 | 94.7 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 28.3 | 76.0 | 84.4 | 90.3 | 93.7 | 94.7 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 28.3 | 76.0 | 84.4 | 90.3 | 93.7 | 94.7 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 28.3 | 76.0 | 84.4 | 90.3 | 93.7 | 94.7 | 97.7 | 98.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 28.3 | 76.0 | 84.4 | 90.3 | 93.7 | 94.7 | 97.7 | 98.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 28.3 | 76.0 | 84.4 | 90.3 | 93.7 | 94.7 | 97.7 | 98.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 28.3 | 76.0 | 84.4 | 90.3 | 93.7 | 94.8 | 97.9 | 98.6 | 98.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 28.3 | 76.0 | 84.4 | 90.3 | 93.7 | 94.8 | 97.9 | 98.6 | 98.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 28.3 | 76.0 | 84.4 | 90.3 | 93.7 | 94.8 | 97.9 | 98.6 | 98.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 28.3 | 76.0 | 84.4 | 90.3 | 93.7 | 94.8 | 97.9 | 98.6 | 98.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 28.3 | 76.0 | 84.4 | 90.3 | 93.7 | 94.8 | 97.9 | 98.6 | 98.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) NOV (MONTH)

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

1800-2000 (HOURS (L.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 5.7 | 49.0 | 52.9 | 54.4 | 55.7 | 56.0 | 56.9 | 57.1 | 57.1 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 20000 | 6.1 | 51.3 | 55.6 | 57.2 | 58.8 | 59.2 | 60.3 | 60.6 | 60.6 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 18000 | 6.1 | 51.3 | 55.6 | 57.2 | 58.8 | 59.2 | 60.3 | 60.6 | 60.6 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 16000 | 6.1 | 51.4 | 55.6 | 57.3 | 58.9 | 59.3 | 60.4 | 60.6 | 60.6 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 14000 | 6.1 | 51.5 | 55.7 | 57.4 | 59.0 | 59.4 | 60.5 | 60.7 | 60.7 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 12000 | 6.4 | 52.9 | 57.2 | 58.9 | 60.5 | 60.9 | 62.0 | 62.3 | 62.3 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 10000 | 6.9 | 58.3 | 62.9 | 64.8 | 66.7 | 67.1 | 68.2 | 68.5 | 68.5 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 9000 | 6.9 | 58.4 | 63.1 | 65.0 | 66.9 | 67.3 | 68.4 | 68.7 | 68.7 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 8000 | 7.2 | 62.3 | 67.5 | 69.6 | 71.8 | 72.2 | 73.4 | 73.0 | 73.8 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 7000 | 7.5 | 63.4 | 68.9 | 71.0 | 73.1 | 73.6 | 74.8 | 75.2 | 75.2 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 6000 | 7.7 | 68.3 | 74.3 | 76.6 | 78.8 | 79.3 | 80.5 | 80.8 | 80.8 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 5000 | 8.1 | 73.3 | 79.8 | 82.3 | 84.6 | 85.1 | 86.4 | 86.8 | 86.8 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 4500 | 8.1 | 74.4 | 80.9 | 83.6 | 85.9 | 86.4 | 87.7 | 88.1 | 88.1 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | 8.1 | 78.2 | 85.2 | 88.1 | 90.5 | 91.1 | 92.5 | 92.9 | 92.9 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 3500 | 8.1 | 79.4 | 86.7 | 89.7 | 92.1 | 92.8 | 94.2 | 94.8 | 94.8 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3000 | 8.1 | 81.1 | 88.6 | 91.9 | 94.3 | 95.0 | 96.3 | 96.9 | 96.9 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 2500 | 8.1 | 81.5 | 89.2 | 92.4 | 94.8 | 95.6 | 97.0 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2000 | 8.2 | 82.1 | 89.8 | 93.1 | 95.6 | 96.3 | 97.8 | 98.1 | 98.1 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 8.2 | 82.1 | 89.8 | 93.1 | 95.6 | 96.3 | 97.8 | 98.1 | 98.1 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | 8.2 | 82.3 | 90.0 | 93.4 | 95.9 | 96.7 | 98.1 | 98.5 | 98.5 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 8.2 | 82.4 | 90.1 | 93.5 | 96.0 | 96.8 | 98.2 | 98.6 | 98.6 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 8.2 | 82.5 | 90.2 | 93.6 | 96.1 | 96.9 | 98.3 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 8.2 | 82.5 | 90.3 | 93.7 | 96.2 | 96.9 | 98.4 | 98.8 | 98.8 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 8.2 | 82.6 | 90.4 | 93.8 | 96.3 | 97.0 | 98.5 | 98.9 | 98.9 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 8.2 | 82.6 | 90.4 | 93.8 | 96.3 | 97.0 | 98.5 | 98.9 | 98.9 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 8.2 | 82.6 | 90.4 | 93.8 | 96.3 | 97.0 | 98.5 | 98.9 | 98.9 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 8.2 | 82.7 | 90.5 | 94.0 | 96.5 | 97.2 | 98.7 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 8.2 | 82.7 | 90.5 | 94.0 | 96.5 | 97.2 | 98.8 | 99.2 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 8.2 | 82.7 | 90.5 | 94.0 | 96.5 | 97.2 | 98.8 | 99.2 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 8.2 | 82.7 | 90.5 | 94.0 | 96.5 | 97.2 | 98.8 | 99.2 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 8.2 | 82.7 | 90.5 | 94.0 | 96.5 | 97.2 | 98.8 | 99.2 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 8.2 | 82.7 | 90.5 | 94.0 | 96.5 | 97.2 | 98.8 | 99.2 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 33787

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 3.1 | 60.8 | 61.4 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.1 |
| ≥ 20000 | 3.6 | 63.0 | 63.5 | 64.0 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 |
| ≥ 18000 | 3.6 | 63.1 | 63.6 | 64.1 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 |
| ≥ 16000 | 3.6 | 63.1 | 63.6 | 64.1 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 |
| ≥ 14000 | 3.6 | 63.1 | 63.7 | 64.2 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 12000 | 4.0 | 64.4 | 64.9 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 10000 | 4.4 | 70.6 | 71.1 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 |
| ≥ 9000 | 4.4 | 70.6 | 71.1 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 |
| ≥ 8000 | 4.5 | 74.0 | 74.5 | 75.0 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 |
| ≥ 7000 | 4.9 | 74.8 | 75.5 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 |
| ≥ 6000 | 4.8 | 79.6 | 80.4 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 |
| ≥ 5000 | 4.9 | 85.0 | 85.7 | 86.2 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 |
| ≥ 4500 | 4.9 | 87.0 | 87.8 | 88.2 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.6 |
| ≥ 4000 | 5.0 | 92.1 | 93.0 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 |
| ≥ 3500 | 5.0 | 93.4 | 94.4 | 94.9 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 |
| ≥ 3000 | 5.0 | 94.7 | 95.6 | 96.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 |
| ≥ 2500 | 5.0 | 95.2 | 96.1 | 96.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 |
| ≥ 2000 | 5.0 | 95.4 | 96.3 | 97.1 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 |
| ≥ 1800 | 5.0 | 95.4 | 96.3 | 97.1 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 |
| ≥ 1500 | 5.0 | 95.5 | 96.4 | 97.2 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 |
| ≥ 1200 | 5.0 | 95.5 | 96.4 | 97.2 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 |
| ≥ 1000 | 5.0 | 95.6 | 96.5 | 97.3 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 |
| ≥ 900 | 5.0 | 95.6 | 96.5 | 97.3 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 |
| ≥ 800 | 5.0 | 95.7 | 96.7 | 97.5 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 |
| ≥ 700 | 5.0 | 96.0 | 96.9 | 97.8 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 |
| ≥ 600 | 5.0 | 96.6 | 97.5 | 98.3 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 500 | 5.0 | 96.6 | 97.5 | 98.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 |
| ≥ 400 | 5.0 | 96.9 | 97.9 | 98.8 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥ 300 | 5.0 | 96.9 | 98.0 | 98.9 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥ 200 | 5.0 | 97.0 | 98.1 | 99.0 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 5.0 | 97.0 | 98.1 | 99.0 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| 0 | 5.0 | 97.0 | 98.1 | 99.0 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1080

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 33787

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) NOV (MONTH)

ALL (HOURS (L.S.T.))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 8.2 | 47.2 | 51.2 | 53.3 | 55.0 | 55.5 | 56.7 | 57.3 | 57.3 | 58.2 | 58.2 | 58.3 | 58.6 | 58.6 | 58.6 | 58.8 |
| ≥ 20000 | 8.9 | 50.2 | 54.6 | 57.0 | 58.9 | 59.5 | 60.9 | 61.5 | 61.5 | 62.5 | 62.5 | 62.6 | 62.9 | 62.9 | 62.9 | 63.2 |
| ≥ 18000 | 8.9 | 50.3 | 54.7 | 57.0 | 59.0 | 59.5 | 60.9 | 61.5 | 61.5 | 62.5 | 62.5 | 62.6 | 63.0 | 63.0 | 63.0 | 63.2 |
| ≥ 16000 | 8.9 | 50.4 | 54.8 | 57.1 | 59.1 | 59.6 | 61.0 | 61.6 | 61.6 | 62.6 | 62.6 | 62.7 | 63.1 | 63.1 | 63.1 | 63.3 |
| ≥ 14000 | 9.1 | 51.2 | 55.7 | 58.1 | 60.1 | 60.6 | 62.1 | 62.6 | 62.7 | 63.7 | 63.7 | 63.8 | 64.1 | 64.1 | 64.1 | 64.4 |
| ≥ 12000 | 9.6 | 52.8 | 57.4 | 60.0 | 62.0 | 62.6 | 64.0 | 64.6 | 64.6 | 65.6 | 65.6 | 65.7 | 66.1 | 66.1 | 66.1 | 66.3 |
| ≥ 10000 | 10.3 | 58.2 | 63.3 | 66.2 | 68.6 | 69.2 | 70.8 | 71.5 | 71.5 | 72.6 | 72.6 | 72.7 | 73.1 | 73.1 | 73.1 | 73.3 |
| ≥ 9000 | 10.3 | 58.2 | 63.4 | 66.3 | 68.7 | 69.3 | 70.9 | 71.6 | 71.6 | 72.7 | 72.7 | 72.8 | 73.2 | 73.2 | 73.2 | 73.4 |
| ≥ 8000 | 10.5 | 60.7 | 66.2 | 69.2 | 71.7 | 72.4 | 74.1 | 74.8 | 74.8 | 75.9 | 75.9 | 76.0 | 76.4 | 76.4 | 76.4 | 76.7 |
| ≥ 7000 | 10.6 | 61.5 | 67.0 | 70.0 | 72.6 | 73.2 | 74.9 | 75.6 | 75.7 | 76.7 | 76.8 | 76.8 | 77.3 | 77.3 | 77.3 | 77.5 |
| ≥ 6000 | 10.8 | 64.7 | 70.4 | 73.6 | 76.4 | 77.0 | 78.8 | 79.3 | 79.5 | 80.6 | 80.6 | 80.7 | 81.2 | 81.2 | 81.2 | 81.4 |
| ≥ 5000 | 11.1 | 68.2 | 74.2 | 77.4 | 80.3 | 80.9 | 82.8 | 83.5 | 83.6 | 84.7 | 84.7 | 84.8 | 85.2 | 85.2 | 85.2 | 85.5 |
| ≥ 4500 | 11.1 | 69.2 | 75.3 | 78.6 | 81.5 | 82.2 | 84.0 | 84.8 | 84.8 | 86.0 | 86.0 | 86.1 | 86.5 | 86.5 | 86.5 | 86.8 |
| ≥ 4000 | 11.2 | 72.5 | 78.9 | 82.3 | 85.3 | 86.0 | 87.9 | 88.7 | 88.8 | 90.0 | 90.0 | 90.1 | 90.5 | 90.5 | 90.5 | 90.8 |
| ≥ 3500 | 11.2 | 73.4 | 79.9 | 83.5 | 86.6 | 87.3 | 89.2 | 90.0 | 90.1 | 91.3 | 91.3 | 91.4 | 91.9 | 91.9 | 91.9 | 92.2 |
| ≥ 3000 | 11.3 | 74.5 | 81.1 | 85.0 | 88.1 | 88.8 | 90.8 | 91.6 | 91.6 | 92.9 | 92.9 | 93.0 | 93.5 | 93.5 | 93.5 | 93.7 |
| ≥ 2500 | 11.4 | 75.3 | 82.0 | 85.9 | 89.0 | 89.7 | 91.7 | 92.6 | 92.6 | 93.9 | 93.9 | 94.0 | 94.5 | 94.5 | 94.5 | 94.7 |
| ≥ 2000 | 11.5 | 75.7 | 82.5 | 86.4 | 89.5 | 90.3 | 92.3 | 93.2 | 93.2 | 94.3 | 94.5 | 94.6 | 95.1 | 95.1 | 95.1 | 95.3 |
| ≥ 1800 | 11.5 | 75.7 | 82.5 | 86.4 | 89.5 | 90.3 | 92.3 | 93.2 | 93.3 | 94.3 | 94.5 | 94.7 | 95.1 | 95.1 | 95.1 | 95.4 |
| ≥ 1500 | 11.5 | 75.8 | 82.7 | 86.6 | 89.8 | 90.6 | 92.7 | 93.6 | 93.6 | 94.9 | 94.9 | 95.0 | 95.5 | 95.5 | 95.5 | 95.8 |
| ≥ 1200 | 11.5 | 76.0 | 82.9 | 86.9 | 90.1 | 90.9 | 93.0 | 93.9 | 94.0 | 95.3 | 95.3 | 95.4 | 95.9 | 95.9 | 95.9 | 96.2 |
| ≥ 1000 | 11.6 | 76.2 | 83.1 | 87.2 | 90.4 | 91.2 | 93.4 | 94.3 | 94.4 | 95.7 | 95.7 | 95.9 | 96.4 | 96.4 | 96.4 | 96.6 |
| ≥ 900 | 11.6 | 76.2 | 83.1 | 87.2 | 90.5 | 91.3 | 93.5 | 94.4 | 94.4 | 95.8 | 95.8 | 95.9 | 96.4 | 96.4 | 96.4 | 96.7 |
| ≥ 800 | 11.6 | 76.5 | 83.4 | 87.6 | 90.9 | 91.7 | 93.9 | 94.9 | 95.0 | 96.3 | 96.3 | 96.5 | 97.0 | 97.0 | 97.0 | 97.2 |
| ≥ 700 | 11.6 | 76.6 | 83.5 | 87.7 | 91.1 | 91.9 | 94.2 | 95.2 | 95.2 | 96.6 | 96.6 | 96.7 | 97.3 | 97.3 | 97.3 | 97.5 |
| ≥ 600 | 11.6 | 76.8 | 83.7 | 87.9 | 91.3 | 92.1 | 94.5 | 95.5 | 95.5 | 96.9 | 96.9 | 97.1 | 97.7 | 97.7 | 97.7 | 98.0 |
| ≥ 500 | 11.6 | 76.8 | 83.7 | 88.0 | 91.4 | 92.2 | 94.6 | 95.6 | 95.7 | 97.1 | 97.1 | 97.3 | 97.9 | 97.9 | 97.9 | 98.2 |
| ≥ 400 | 11.6 | 76.8 | 83.8 | 88.1 | 91.6 | 92.4 | 94.8 | 95.9 | 96.0 | 97.5 | 97.5 | 97.8 | 98.4 | 98.4 | 98.4 | 98.7 |
| ≥ 300 | 11.6 | 76.9 | 83.9 | 88.3 | 91.8 | 92.6 | 95.0 | 96.1 | 96.1 | 97.7 | 97.7 | 98.0 | 98.6 | 98.6 | 98.6 | 98.9 |
| ≥ 200 | 11.6 | 77.0 | 84.0 | 88.3 | 91.9 | 92.7 | 95.1 | 96.2 | 96.2 | 97.8 | 97.8 | 98.1 | 98.8 | 98.8 | 98.8 | 99.2 |
| ≥ 100 | 11.6 | 77.0 | 84.0 | 88.3 | 91.9 | 92.7 | 95.1 | 96.2 | 96.2 | 97.8 | 97.8 | 98.1 | 98.8 | 98.8 | 98.8 | 99.2 |
| ≥ 0 | 11.6 | 77.0 | 84.0 | 88.3 | 91.9 | 92.7 | 95.1 | 96.2 | 96.3 | 97.9 | 97.9 | 98.2 | 99.1 | 99.1 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8639

USAF ETAC FORM Jul 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 31782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-63 (YEARS) DEC (MONTH)

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

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 2.2 | 57.3 | 59.7 | 59.1 | 59.6 | 59.6 | 59.7 | 60.0 | 60.0 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.8 |
| ≥ 20000 | 2.2 | 57.8 | 59.3 | 59.6 | 60.2 | 60.2 | 60.3 | 60.5 | 60.5 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.3 |
| ≥ 18000 | 2.2 | 57.8 | 59.3 | 59.6 | 60.2 | 60.2 | 60.3 | 60.5 | 60.5 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.3 |
| ≥ 16000 | 2.2 | 57.8 | 59.3 | 59.6 | 60.2 | 60.2 | 60.3 | 60.5 | 60.5 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.3 |
| ≥ 14000 | 2.2 | 57.8 | 59.3 | 59.6 | 60.2 | 60.2 | 60.3 | 60.5 | 60.5 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.3 |
| ≥ 12000 | 2.2 | 58.3 | 59.7 | 60.1 | 60.6 | 60.6 | 60.7 | 61.0 | 61.0 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.8 |
| ≥ 10000 | 2.4 | 62.9 | 64.4 | 64.8 | 65.5 | 65.5 | 65.6 | 65.8 | 65.8 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.6 |
| ≥ 9000 | 2.4 | 63.2 | 64.8 | 65.1 | 65.8 | 65.8 | 65.9 | 66.2 | 66.2 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 67.0 |
| ≥ 8000 | 2.4 | 66.9 | 68.5 | 69.0 | 69.7 | 69.7 | 69.8 | 70.0 | 70.0 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.9 |
| ≥ 7000 | 2.4 | 67.7 | 69.3 | 69.8 | 70.5 | 70.5 | 70.6 | 70.9 | 70.9 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.7 |
| ≥ 6000 | 2.4 | 72.0 | 73.6 | 74.2 | 74.9 | 74.9 | 75.0 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 76.1 |
| ≥ 5000 | 2.4 | 76.7 | 78.4 | 78.9 | 79.6 | 79.6 | 79.7 | 80.0 | 80.0 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.8 |
| ≥ 4500 | 2.4 | 77.9 | 79.6 | 80.2 | 80.9 | 80.9 | 81.0 | 81.3 | 81.3 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 82.1 |
| ≥ 4000 | 2.4 | 83.2 | 84.9 | 85.6 | 86.3 | 86.3 | 86.4 | 86.6 | 86.6 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.4 |
| ≥ 3500 | 2.4 | 83.8 | 85.5 | 86.1 | 86.8 | 86.8 | 86.9 | 87.2 | 87.2 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 88.0 |
| ≥ 3000 | 2.4 | 86.1 | 88.0 | 88.6 | 89.3 | 89.4 | 89.5 | 89.8 | 89.8 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.6 |
| ≥ 2500 | 2.4 | 86.9 | 88.8 | 89.4 | 90.1 | 90.2 | 90.3 | 90.6 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.4 |
| ≥ 2000 | 2.4 | 87.2 | 89.1 | 90.0 | 90.7 | 90.8 | 90.9 | 91.1 | 91.1 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.9 |
| ≥ 1800 | 2.4 | 87.4 | 89.2 | 90.1 | 90.9 | 90.9 | 91.0 | 91.3 | 91.3 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 92.1 |
| ≥ 1500 | 2.4 | 87.5 | 89.4 | 90.3 | 91.0 | 91.1 | 91.2 | 91.5 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 92.3 |
| ≥ 1200 | 2.4 | 87.7 | 89.9 | 90.8 | 91.5 | 91.6 | 91.7 | 91.9 | 91.9 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.7 |
| ≥ 1000 | 2.4 | 88.4 | 90.6 | 91.5 | 92.2 | 92.3 | 92.4 | 92.6 | 92.6 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.5 |
| ≥ 900 | 2.4 | 88.8 | 90.9 | 91.8 | 92.6 | 92.6 | 92.7 | 93.0 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.9 |
| ≥ 800 | 2.4 | 89.9 | 92.1 | 93.0 | 93.7 | 93.8 | 94.2 | 94.6 | 94.6 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.5 |
| ≥ 700 | 2.4 | 90.1 | 92.4 | 93.3 | 94.0 | 94.1 | 94.4 | 94.9 | 94.9 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.8 |
| ≥ 600 | 2.4 | 90.3 | 92.6 | 93.5 | 94.2 | 94.3 | 94.9 | 95.3 | 95.3 | 95.8 | 95.8 | 95.9 | 96.1 | 96.1 | 96.1 | 96.5 |
| ≥ 500 | 2.4 | 90.7 | 92.9 | 93.8 | 94.5 | 94.6 | 95.2 | 95.7 | 95.7 | 96.1 | 96.1 | 96.2 | 96.4 | 96.4 | 96.4 | 97.0 |
| ≥ 400 | 2.4 | 91.0 | 93.3 | 94.4 | 95.2 | 95.2 | 95.9 | 96.3 | 96.3 | 96.8 | 96.8 | 96.9 | 97.2 | 97.2 | 97.2 | 97.8 |
| ≥ 300 | 2.4 | 91.2 | 93.6 | 94.8 | 95.9 | 96.0 | 96.6 | 97.0 | 97.0 | 97.5 | 97.5 | 97.6 | 98.0 | 98.0 | 98.0 | 98.6 |
| ≥ 200 | 2.4 | 91.2 | 93.8 | 95.0 | 96.1 | 96.1 | 96.8 | 97.2 | 97.2 | 97.7 | 97.7 | 97.8 | 98.3 | 98.3 | 98.3 | 99.2 |
| ≥ 100 | 2.4 | 91.2 | 93.8 | 95.0 | 96.1 | 96.1 | 96.8 | 97.2 | 97.2 | 97.7 | 97.7 | 97.8 | 98.3 | 98.3 | 98.3 | 99.2 |
| 0 | 2.4 | 91.2 | 93.8 | 95.0 | 96.1 | 96.1 | 96.8 | 97.4 | 97.4 | 97.9 | 97.9 | 98.0 | 98.7 | 98.7 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1115

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) DEC (MONTH)

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

0100-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥4 | ≥0 |
| NO CEILING | 1.0 | 46.3 | 49.3 | 51.6 | 53.2 | 53.4 | 53.7 | 54.1 | 54.1 | 55.0 | 55.0 | 55.1 | 55.9 | 55.9 | 55.9 | 56.2 |
| ≥ 20000 | 1.0 | 46.4 | 49.4 | 51.7 | 53.3 | 53.5 | 53.8 | 54.2 | 54.2 | 55.1 | 55.1 | 55.2 | 56.0 | 56.0 | 56.0 | 56.2 |
| ≥ 18000 | 1.0 | 46.4 | 49.4 | 51.7 | 53.3 | 53.5 | 53.8 | 54.2 | 54.2 | 55.1 | 55.1 | 55.2 | 56.0 | 56.0 | 56.0 | 56.2 |
| ≥ 16000 | 1.0 | 46.4 | 49.4 | 51.7 | 53.3 | 53.5 | 53.8 | 54.2 | 54.2 | 55.1 | 55.1 | 55.2 | 56.0 | 56.0 | 56.0 | 56.2 |
| ≥ 14000 | 1.0 | 46.4 | 49.4 | 51.7 | 53.3 | 53.5 | 53.8 | 54.2 | 54.2 | 55.1 | 55.1 | 55.2 | 56.0 | 56.0 | 56.0 | 56.2 |
| ≥ 12000 | 1.0 | 46.5 | 49.5 | 51.8 | 53.4 | 53.5 | 53.9 | 54.3 | 54.3 | 55.2 | 55.2 | 55.3 | 56.1 | 56.1 | 56.1 | 56.3 |
| ≥ 10000 | 1.2 | 49.9 | 53.2 | 55.4 | 57.2 | 57.5 | 57.9 | 58.2 | 58.2 | 59.1 | 59.1 | 59.2 | 60.0 | 60.0 | 60.0 | 60.3 |
| ≥ 9000 | 1.2 | 50.0 | 53.3 | 55.5 | 57.3 | 57.6 | 58.0 | 58.3 | 58.3 | 59.2 | 59.2 | 59.3 | 60.1 | 60.1 | 60.1 | 60.4 |
| ≥ 8000 | 1.2 | 52.9 | 56.5 | 58.8 | 60.6 | 60.8 | 61.2 | 61.5 | 61.5 | 62.5 | 62.5 | 62.6 | 63.4 | 63.4 | 63.4 | 63.7 |
| ≥ 7000 | 1.2 | 53.8 | 57.4 | 59.7 | 61.5 | 61.8 | 62.2 | 62.5 | 62.5 | 63.5 | 63.5 | 63.6 | 64.4 | 64.4 | 64.4 | 64.7 |
| ≥ 6000 | 1.2 | 57.6 | 61.2 | 63.6 | 65.5 | 65.8 | 66.1 | 66.5 | 66.5 | 67.7 | 67.7 | 67.7 | 68.6 | 68.6 | 68.6 | 68.8 |
| ≥ 5000 | 1.2 | 64.1 | 67.9 | 70.4 | 72.2 | 72.5 | 72.9 | 73.2 | 73.2 | 74.4 | 74.4 | 74.5 | 75.3 | 75.3 | 75.3 | 75.6 |
| ≥ 4500 | 1.2 | 65.0 | 68.9 | 71.3 | 73.2 | 73.5 | 73.9 | 74.2 | 74.2 | 75.4 | 75.4 | 75.5 | 76.3 | 76.3 | 76.3 | 76.5 |
| ≥ 4000 | 1.2 | 70.0 | 73.9 | 76.3 | 78.3 | 78.6 | 79.0 | 79.3 | 79.3 | 80.5 | 80.5 | 80.6 | 81.4 | 81.4 | 81.4 | 81.7 |
| ≥ 3500 | 1.2 | 71.4 | 75.5 | 78.1 | 80.0 | 80.2 | 80.6 | 81.0 | 81.0 | 82.1 | 82.1 | 82.2 | 83.0 | 83.0 | 83.0 | 83.3 |
| ≥ 3000 | 1.2 | 74.6 | 78.6 | 81.3 | 83.2 | 83.5 | 83.8 | 84.2 | 84.2 | 85.4 | 85.4 | 85.5 | 86.3 | 86.3 | 86.3 | 86.6 |
| ≥ 2500 | 1.2 | 74.8 | 78.8 | 81.5 | 83.4 | 83.6 | 84.0 | 84.4 | 84.4 | 85.6 | 85.6 | 85.7 | 86.5 | 86.5 | 86.5 | 86.8 |
| ≥ 2000 | 1.2 | 75.0 | 79.1 | 82.0 | 84.1 | 84.4 | 84.7 | 85.1 | 85.1 | 86.4 | 86.4 | 86.5 | 87.3 | 87.3 | 87.3 | 87.6 |
| ≥ 1800 | 1.2 | 75.2 | 79.2 | 82.2 | 84.3 | 84.5 | 84.9 | 85.3 | 85.3 | 86.6 | 86.6 | 86.7 | 87.5 | 87.5 | 87.5 | 87.8 |
| ≥ 1500 | 1.2 | 75.7 | 79.8 | 82.7 | 84.8 | 85.1 | 85.4 | 85.8 | 85.8 | 87.2 | 87.2 | 87.2 | 88.1 | 88.1 | 88.1 | 88.3 |
| ≥ 1200 | 1.2 | 76.3 | 80.5 | 83.5 | 85.5 | 85.8 | 86.3 | 86.6 | 86.6 | 88.0 | 88.0 | 88.1 | 88.9 | 88.9 | 88.9 | 89.1 |
| ≥ 1000 | 1.2 | 76.8 | 81.0 | 84.2 | 86.3 | 86.5 | 87.0 | 87.3 | 87.3 | 88.7 | 88.7 | 88.8 | 89.6 | 89.6 | 89.6 | 89.8 |
| ≥ 900 | 1.2 | 77.7 | 81.9 | 85.1 | 87.2 | 87.4 | 87.9 | 88.2 | 88.2 | 89.6 | 89.6 | 89.7 | 90.5 | 90.5 | 90.5 | 90.7 |
| ≥ 800 | 1.2 | 78.4 | 82.7 | 85.9 | 88.1 | 88.3 | 89.0 | 89.4 | 89.4 | 90.7 | 90.7 | 90.8 | 91.6 | 91.6 | 91.6 | 91.9 |
| ≥ 700 | 1.2 | 79.0 | 83.2 | 86.6 | 88.9 | 89.2 | 89.9 | 90.3 | 90.3 | 91.7 | 91.7 | 91.8 | 92.6 | 92.6 | 92.6 | 92.9 |
| ≥ 600 | 1.2 | 79.7 | 83.9 | 87.3 | 89.7 | 89.9 | 90.7 | 91.1 | 91.1 | 92.7 | 92.7 | 92.8 | 93.9 | 93.9 | 93.9 | 94.3 |
| ≥ 500 | 1.2 | 80.1 | 84.5 | 87.9 | 90.4 | 90.7 | 91.5 | 91.8 | 91.8 | 93.4 | 93.4 | 93.5 | 94.6 | 94.6 | 94.6 | 95.3 |
| ≥ 400 | 1.2 | 80.6 | 84.9 | 88.4 | 91.0 | 91.3 | 92.1 | 92.5 | 92.5 | 94.1 | 94.1 | 94.2 | 95.3 | 95.3 | 95.3 | 96.0 |
| ≥ 300 | 1.2 | 80.6 | 84.9 | 88.6 | 91.3 | 91.6 | 92.6 | 93.3 | 93.3 | 94.9 | 94.9 | 95.0 | 96.4 | 96.4 | 96.4 | 97.3 |
| ≥ 200 | 1.2 | 80.6 | 85.2 | 88.9 | 91.6 | 91.8 | 92.9 | 93.5 | 93.5 | 95.1 | 95.1 | 95.2 | 96.9 | 96.9 | 96.9 | 98.1 |
| ≥ 100 | 1.2 | 80.6 | 85.2 | 88.9 | 91.6 | 91.8 | 92.9 | 93.5 | 93.5 | 95.1 | 95.1 | 95.2 | 96.9 | 96.9 | 96.9 | 98.1 |
| 0 | 1.2 | 80.6 | 85.2 | 88.9 | 91.6 | 91.8 | 93.1 | 93.8 | 93.8 | 95.4 | 95.4 | 95.8 | 97.8 | 97.8 | 97.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1113

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 33742

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) DEC (MONTH)

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

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | .1 | 13.5 | 21.4 | 26.2 | 30.6 | 31.2 | 34.5 | 36.4 | 36.8 | 40.9 | 40.9 | 42.9 | 43.9 | 43.9 | 43.9 | 44.2 |
| ≥ 20000 | .1 | 14.0 | 22.1 | 27.4 | 32.1 | 32.9 | 36.3 | 38.3 | 38.7 | 43.1 | 43.1 | 45.1 | 46.1 | 46.1 | 46.1 | 46.5 |
| ≥ 18000 | .1 | 14.0 | 22.1 | 27.4 | 32.1 | 32.9 | 36.3 | 38.3 | 38.7 | 43.1 | 43.1 | 45.1 | 46.1 | 46.1 | 46.1 | 46.5 |
| ≥ 16000 | .1 | 14.1 | 22.2 | 27.5 | 32.2 | 32.9 | 36.4 | 38.4 | 38.8 | 43.1 | 43.1 | 45.2 | 46.2 | 46.2 | 46.2 | 46.6 |
| ≥ 14000 | .1 | 14.2 | 22.4 | 27.8 | 32.5 | 33.2 | 36.6 | 38.6 | 39.1 | 43.4 | 43.4 | 45.5 | 46.5 | 46.5 | 46.5 | 46.8 |
| ≥ 12000 | .1 | 14.3 | 22.5 | 28.0 | 32.7 | 33.4 | 36.9 | 38.9 | 39.4 | 43.7 | 43.7 | 45.8 | 46.8 | 46.8 | 46.8 | 47.2 |
| ≥ 10000 | .2 | 17.3 | 26.4 | 32.6 | 37.9 | 38.8 | 43.2 | 45.5 | 46.0 | 50.8 | 50.8 | 53.0 | 54.1 | 54.1 | 54.1 | 54.4 |
| ≥ 9000 | .2 | 17.5 | 26.5 | 32.9 | 38.2 | 39.1 | 43.5 | 45.8 | 46.3 | 51.1 | 51.1 | 53.2 | 54.3 | 54.3 | 54.3 | 54.7 |
| ≥ 8000 | .2 | 19.1 | 29.1 | 35.9 | 41.9 | 42.8 | 47.3 | 49.6 | 50.3 | 55.2 | 55.2 | 57.4 | 58.7 | 58.7 | 58.7 | 59.0 |
| ≥ 7000 | .2 | 19.9 | 30.1 | 36.9 | 42.9 | 43.8 | 48.4 | 50.8 | 51.4 | 56.7 | 56.7 | 58.8 | 60.1 | 60.1 | 60.1 | 60.5 |
| ≥ 6000 | .2 | 22.3 | 33.2 | 40.5 | 46.8 | 47.7 | 52.6 | 55.1 | 55.8 | 61.1 | 61.1 | 63.3 | 64.6 | 64.6 | 64.6 | 65.0 |
| ≥ 5000 | .4 | 25.1 | 36.8 | 44.5 | 51.7 | 52.6 | 58.0 | 60.7 | 61.4 | 67.2 | 67.2 | 69.4 | 70.9 | 70.9 | 70.9 | 71.3 |
| ≥ 4500 | .4 | 25.4 | 37.4 | 45.2 | 52.4 | 53.3 | 58.8 | 61.6 | 62.2 | 68.1 | 68.1 | 70.3 | 71.8 | 71.8 | 71.8 | 72.2 |
| ≥ 4000 | .5 | 28.5 | 41.5 | 49.6 | 57.3 | 58.5 | 64.4 | 67.3 | 68.1 | 74.2 | 74.2 | 76.4 | 77.9 | 77.9 | 77.9 | 78.2 |
| ≥ 3500 | .5 | 28.8 | 42.1 | 50.3 | 57.9 | 59.1 | 65.0 | 68.0 | 68.7 | 74.8 | 74.8 | 77.0 | 78.5 | 78.5 | 78.5 | 78.9 |
| ≥ 3000 | .5 | 31.3 | 44.8 | 53.1 | 61.1 | 62.3 | 68.2 | 71.4 | 72.1 | 78.3 | 78.3 | 80.5 | 82.0 | 82.0 | 82.0 | 82.4 |
| ≥ 2500 | .5 | 31.9 | 45.4 | 53.9 | 62.0 | 63.2 | 69.1 | 72.4 | 73.1 | 79.3 | 79.3 | 81.5 | 83.1 | 83.1 | 83.1 | 83.5 |
| ≥ 2000 | .5 | 32.3 | 45.9 | 54.5 | 62.8 | 64.0 | 69.9 | 73.2 | 73.9 | 80.3 | 80.3 | 82.5 | 84.1 | 84.1 | 84.1 | 84.5 |
| ≥ 1800 | .5 | 32.4 | 46.0 | 54.6 | 62.9 | 64.1 | 70.0 | 73.3 | 74.0 | 80.4 | 80.4 | 82.6 | 84.2 | 84.2 | 84.2 | 84.6 |
| ≥ 1500 | .5 | 32.5 | 46.1 | 54.8 | 63.1 | 64.3 | 70.2 | 73.3 | 74.2 | 80.7 | 80.7 | 82.9 | 84.5 | 84.5 | 84.5 | 84.8 |
| ≥ 1200 | .5 | 32.8 | 46.5 | 55.2 | 63.7 | 64.9 | 70.8 | 74.2 | 74.9 | 81.5 | 81.5 | 83.8 | 85.4 | 85.4 | 85.4 | 85.7 |
| ≥ 1000 | .5 | 33.3 | 47.0 | 56.0 | 64.9 | 66.1 | 72.1 | 75.5 | 76.3 | 83.0 | 83.0 | 85.3 | 86.9 | 86.9 | 86.9 | 87.3 |
| ≥ 900 | .5 | 33.9 | 47.8 | 56.9 | 65.7 | 66.9 | 72.9 | 76.4 | 77.1 | 83.8 | 83.8 | 86.1 | 87.7 | 87.7 | 87.7 | 88.1 |
| ≥ 800 | .5 | 34.6 | 48.7 | 57.9 | 67.2 | 68.4 | 74.6 | 78.1 | 78.9 | 85.7 | 85.7 | 88.0 | 89.7 | 89.7 | 89.7 | 90.1 |
| ≥ 700 | .5 | 34.7 | 48.9 | 58.2 | 67.8 | 69.0 | 75.3 | 78.7 | 79.5 | 86.6 | 86.6 | 88.8 | 90.5 | 90.5 | 90.5 | 90.9 |
| ≥ 600 | .5 | 35.1 | 49.5 | 58.9 | 68.6 | 69.9 | 76.3 | 79.7 | 80.5 | 87.6 | 87.6 | 89.9 | 91.7 | 91.7 | 91.7 | 92.1 |
| ≥ 500 | .5 | 35.2 | 49.8 | 59.4 | 69.1 | 70.6 | 77.3 | 80.7 | 81.5 | 88.9 | 88.9 | 91.2 | 93.1 | 93.1 | 93.1 | 93.6 |
| ≥ 400 | .5 | 35.5 | 50.1 | 59.7 | 69.6 | 71.1 | 77.9 | 81.3 | 82.1 | 89.7 | 89.7 | 92.1 | 94.2 | 94.2 | 94.2 | 94.8 |
| ≥ 300 | .5 | 35.6 | 50.3 | 59.8 | 69.9 | 71.4 | 78.2 | 81.6 | 82.4 | 90.0 | 90.0 | 92.3 | 94.8 | 94.8 | 94.8 | 95.4 |
| ≥ 200 | .5 | 35.6 | 50.4 | 59.9 | 70.1 | 71.7 | 78.4 | 81.9 | 82.7 | 90.3 | 90.3 | 92.7 | 95.2 | 95.2 | 95.2 | 96.0 |
| ≥ 100 | .5 | 35.6 | 50.4 | 59.9 | 70.1 | 71.7 | 78.4 | 81.9 | 82.7 | 90.3 | 90.3 | 92.7 | 95.2 | 95.2 | 95.2 | 96.1 |
| 0 | .5 | 35.6 | 50.4 | 59.9 | 70.1 | 71.7 | 78.4 | 81.9 | 82.7 | 90.4 | 90.4 | 93.3 | 96.8 | 96.8 | 96.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1108



DATA PROCESSING FORMS 35782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZU (STATION NAME) 54-65 (YEARS) DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 4.2 | 32.4 | 40.9 | 45.6 | 47.9 | 48.8 | 51.1 | 52.1 | 52.1 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 20000 | 4.5 | 33.7 | 42.9 | 48.2 | 50.6 | 51.6 | 53.9 | 54.9 | 54.9 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 18000 | 4.5 | 33.7 | 42.9 | 48.2 | 50.6 | 51.6 | 53.9 | 54.9 | 54.9 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 16000 | 4.6 | 33.9 | 43.0 | 48.3 | 50.8 | 51.7 | 54.2 | 55.2 | 55.2 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 14000 | 4.6 | 34.7 | 43.9 | 49.2 | 51.7 | 52.6 | 55.1 | 56.1 | 56.1 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 12000 | 4.7 | 36.3 | 45.8 | 51.3 | 53.8 | 54.8 | 57.5 | 58.5 | 58.5 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| ≥ 10000 | 5.3 | 41.4 | 52.1 | 58.4 | 61.3 | 62.7 | 65.7 | 66.7 | 66.7 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 9000 | 5.4 | 41.6 | 52.4 | 58.7 | 61.6 | 63.0 | 66.0 | 67.1 | 67.1 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 8000 | 5.7 | 44.8 | 57.1 | 64.3 | 67.9 | 69.3 | 72.6 | 73.8 | 73.9 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 7000 | 5.7 | 45.4 | 57.7 | 64.8 | 68.4 | 69.9 | 73.2 | 74.4 | 74.5 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 6000 | 5.8 | 48.6 | 61.4 | 68.9 | 72.6 | 74.1 | 77.6 | 78.8 | 78.9 | 79.3 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 5000 | 6.1 | 51.4 | 64.8 | 72.5 | 76.7 | 78.2 | 81.7 | 83.0 | 83.0 | 83.6 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 4500 | 6.2 | 51.9 | 65.6 | 73.6 | 78.0 | 79.6 | 83.0 | 84.3 | 84.4 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 4000 | 6.2 | 53.4 | 67.5 | 75.6 | 80.0 | 81.7 | 85.4 | 86.7 | 86.8 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 3500 | 6.2 | 54.0 | 68.3 | 76.3 | 80.7 | 82.5 | 86.2 | 87.5 | 87.6 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 3000 | 6.3 | 54.8 | 69.1 | 77.5 | 82.1 | 83.9 | 87.7 | 89.1 | 89.1 | 89.8 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 2500 | 6.5 | 55.2 | 69.5 | 78.2 | 83.0 | 84.8 | 88.6 | 90.0 | 90.0 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 2000 | 6.6 | 56.1 | 70.4 | 79.2 | 83.9 | 85.8 | 89.7 | 91.0 | 91.1 | 91.9 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 1800 | 6.6 | 56.2 | 70.6 | 79.4 | 84.1 | 86.1 | 90.0 | 91.3 | 91.4 | 92.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 1500 | 6.7 | 56.6 | 70.9 | 79.8 | 84.6 | 86.5 | 90.4 | 91.7 | 91.8 | 92.7 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1200 | 6.9 | 57.2 | 71.6 | 80.5 | 85.5 | 87.4 | 91.3 | 92.6 | 92.7 | 93.6 | 93.6 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1000 | 7.0 | 57.8 | 72.3 | 81.4 | 86.5 | 88.5 | 92.5 | 93.8 | 93.9 | 94.8 | 94.8 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 900 | 7.1 | 58.0 | 72.5 | 81.7 | 86.8 | 88.9 | 92.8 | 94.2 | 94.3 | 95.2 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 800 | 7.2 | 58.5 | 72.9 | 82.2 | 87.3 | 89.3 | 93.5 | 94.8 | 94.9 | 95.8 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 700 | 7.2 | 58.7 | 73.2 | 82.4 | 87.7 | 89.8 | 93.9 | 95.2 | 95.3 | 96.2 | 96.2 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 600 | 7.2 | 58.8 | 73.5 | 82.9 | 88.3 | 90.4 | 94.6 | 96.1 | 96.1 | 97.2 | 97.2 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 500 | 7.2 | 58.9 | 73.8 | 83.1 | 88.8 | 90.9 | 95.1 | 96.5 | 96.6 | 97.8 | 97.8 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 400 | 7.2 | 58.9 | 73.8 | 83.2 | 89.0 | 91.0 | 95.3 | 96.9 | 97.0 | 98.3 | 98.3 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 300 | 7.2 | 59.0 | 73.9 | 83.3 | 89.1 | 91.1 | 95.5 | 97.1 | 97.2 | 98.6 | 98.6 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | 7.2 | 59.0 | 73.9 | 83.3 | 89.1 | 91.1 | 95.5 | 97.1 | 97.2 | 98.7 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 100 | 7.2 | 59.0 | 73.9 | 83.3 | 89.1 | 91.1 | 95.5 | 97.1 | 97.2 | 98.7 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 |
| 0 | 7.2 | 59.0 | 73.9 | 83.3 | 89.1 | 91.1 | 95.5 | 97.1 | 97.2 | 98.7 | 98.7 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1115

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FURMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | DEC MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 22.2 | 56.4 | 59.0 | 59.8 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 20000 | 23.7 | 59.4 | 62.3 | 63.3 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 18000 | 23.8 | 59.5 | 62.4 | 63.4 | 63.9 | 63.9 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 16000 | 24.0 | 59.7 | 62.5 | 63.5 | 64.1 | 64.1 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 14000 | 24.6 | 60.8 | 63.7 | 64.7 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 12000 | 26.0 | 64.7 | 68.0 | 69.2 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 10000 | 28.8 | 73.8 | 77.8 | 79.2 | 79.7 | 79.7 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 9000 | 29.0 | 74.7 | 78.8 | 80.2 | 80.7 | 80.7 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 8000 | 30.0 | 78.5 | 82.6 | 84.1 | 84.7 | 84.7 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 7000 | 30.1 | 79.3 | 83.5 | 85.0 | 85.6 | 85.6 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 6000 | 30.4 | 81.7 | 86.2 | 87.7 | 88.3 | 88.3 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 5000 | 30.6 | 83.2 | 87.8 | 89.3 | 89.9 | 89.9 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 4500 | 30.8 | 84.7 | 89.5 | 91.1 | 91.7 | 91.8 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 4000 | 31.4 | 86.3 | 91.3 | 93.2 | 93.7 | 93.8 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 3500 | 31.4 | 87.1 | 92.2 | 94.1 | 94.6 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3000 | 31.5 | 87.4 | 92.6 | 94.5 | 95.1 | 95.2 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 2500 | 31.6 | 88.5 | 93.7 | 95.7 | 96.2 | 96.3 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 2000 | 32.0 | 88.9 | 94.1 | 96.1 | 96.6 | 96.7 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1800 | 32.0 | 89.1 | 94.3 | 96.2 | 96.8 | 96.9 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1500 | 32.0 | 89.1 | 94.3 | 96.3 | 97.0 | 97.1 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1200 | 32.0 | 89.1 | 94.3 | 96.6 | 97.3 | 97.4 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1000 | 32.0 | 89.6 | 94.9 | 97.2 | 98.0 | 98.1 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 900 | 32.1 | 89.7 | 95.0 | 97.3 | 98.1 | 98.2 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 32.3 | 89.9 | 95.2 | 97.5 | 98.3 | 98.4 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 32.3 | 90.0 | 95.3 | 97.6 | 98.4 | 98.5 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 32.3 | 90.0 | 95.3 | 97.6 | 98.4 | 98.5 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 32.3 | 90.0 | 95.3 | 97.8 | 98.7 | 98.7 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 32.3 | 90.0 | 95.3 | 97.8 | 98.7 | 98.8 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 32.3 | 90.0 | 95.3 | 97.8 | 98.7 | 98.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 32.3 | 90.0 | 95.3 | 97.8 | 98.7 | 98.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 32.3 | 90.0 | 95.3 | 97.8 | 98.7 | 98.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 32.3 | 90.0 | 95.3 | 97.8 | 98.7 | 98.8 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

33742

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZL STATION NAME | 54-65 YEARS | DEC MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 22.8 | 50.3 | 53.7 | 54.9 | 57.0 | 57.2 | 58.0 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| ≥ 20000 | 23.7 | 52.8 | 56.3 | 58.1 | 60.5 | 60.7 | 61.7 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 18000 | 23.7 | 52.8 | 56.3 | 58.1 | 60.5 | 60.7 | 61.7 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 16000 | 23.8 | 53.0 | 56.5 | 58.2 | 60.7 | 60.8 | 62.0 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 14000 | 24.4 | 53.9 | 57.3 | 59.1 | 61.6 | 61.7 | 63.0 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 12000 | 25.7 | 57.0 | 61.1 | 63.0 | 65.4 | 65.6 | 66.9 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 10000 | 28.3 | 67.4 | 72.0 | 74.1 | 76.9 | 77.2 | 78.6 | 79.1 | 79.1 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 9000 | 28.7 | 68.1 | 72.8 | 75.0 | 77.8 | 78.1 | 79.6 | 80.1 | 80.1 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 8000 | 29.3 | 72.0 | 76.8 | 79.2 | 82.1 | 82.4 | 83.9 | 84.4 | 84.4 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 7000 | 29.7 | 72.7 | 77.8 | 80.2 | 83.1 | 83.4 | 84.9 | 85.4 | 85.4 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 6000 | 29.9 | 75.4 | 80.7 | 83.2 | 86.1 | 86.5 | 87.9 | 88.4 | 88.4 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 5000 | 30.6 | 77.7 | 83.3 | 86.0 | 89.0 | 89.4 | 90.9 | 91.4 | 91.4 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 4500 | 30.8 | 78.5 | 84.1 | 86.7 | 89.8 | 90.2 | 91.9 | 92.5 | 92.5 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 4000 | 31.5 | 79.5 | 85.3 | 88.0 | 91.2 | 91.7 | 93.4 | 93.9 | 93.9 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 3500 | 31.5 | 80.1 | 86.1 | 88.8 | 92.2 | 92.7 | 94.4 | 94.9 | 94.9 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3000 | 31.6 | 80.6 | 86.8 | 89.5 | 92.9 | 93.4 | 95.1 | 95.6 | 95.6 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 2500 | 31.7 | 81.3 | 87.9 | 90.5 | 94.1 | 94.9 | 96.6 | 97.1 | 97.1 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 2000 | 31.7 | 81.5 | 87.8 | 90.8 | 94.4 | 95.2 | 96.9 | 97.4 | 97.4 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1800 | 31.7 | 81.5 | 87.8 | 90.8 | 94.4 | 95.2 | 96.9 | 97.4 | 97.4 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1500 | 31.8 | 81.6 | 88.1 | 91.0 | 94.6 | 95.4 | 97.2 | 97.8 | 97.8 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1200 | 32.0 | 82.1 | 88.5 | 91.7 | 95.3 | 96.1 | 97.8 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1000 | 32.0 | 82.5 | 89.0 | 92.1 | 95.7 | 96.5 | 98.4 | 98.9 | 98.9 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 32.0 | 82.5 | 89.0 | 92.1 | 95.8 | 96.6 | 98.5 | 99.0 | 99.0 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 32.0 | 82.7 | 89.2 | 92.3 | 96.0 | 96.8 | 98.7 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 32.0 | 82.7 | 89.2 | 92.3 | 96.1 | 96.9 | 98.7 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 32.0 | 82.7 | 89.2 | 92.4 | 96.1 | 97.0 | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 32.0 | 82.7 | 89.2 | 92.4 | 96.1 | 97.0 | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 32.0 | 82.7 | 89.2 | 92.4 | 96.1 | 97.0 | 98.9 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 32.0 | 82.7 | 89.2 | 92.4 | 96.1 | 97.0 | 98.9 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 32.0 | 82.7 | 89.2 | 92.4 | 96.1 | 97.0 | 98.9 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 32.0 | 82.7 | 89.2 | 92.4 | 96.1 | 97.0 | 98.9 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 32.0 | 82.7 | 89.2 | 92.4 | 96.1 | 97.0 | 98.9 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | DEC MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 7.6 | 52.9 | 55.6 | 57.4 | 58.3 | 58.6 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 20000 | 7.6 | 54.1 | 57.0 | 59.0 | 59.9 | 60.1 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 18000 | 7.6 | 54.1 | 57.0 | 59.0 | 59.9 | 60.1 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 16000 | 7.6 | 54.2 | 57.1 | 59.1 | 59.9 | 60.2 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 14000 | 7.6 | 54.5 | 57.3 | 59.3 | 60.2 | 60.5 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 12000 | 7.9 | 55.6 | 58.4 | 60.5 | 61.4 | 61.6 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 10000 | 8.3 | 62.5 | 65.6 | 67.7 | 68.7 | 69.1 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 9000 | 8.3 | 62.7 | 65.9 | 68.0 | 69.0 | 69.4 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 8000 | 8.4 | 67.2 | 70.5 | 72.8 | 74.0 | 74.4 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 7000 | 8.6 | 68.1 | 71.6 | 74.0 | 75.2 | 75.5 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 6000 | 8.9 | 72.9 | 77.0 | 79.6 | 81.0 | 81.4 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 5000 | 9.3 | 77.0 | 81.4 | 84.1 | 85.6 | 86.0 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 4500 | 9.3 | 77.9 | 82.5 | 85.5 | 87.0 | 87.5 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | 9.5 | 80.5 | 85.5 | 88.6 | 90.3 | 90.8 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 3500 | 9.6 | 81.7 | 86.8 | 90.0 | 91.7 | 92.1 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 3000 | 9.6 | 82.2 | 87.5 | 90.7 | 92.5 | 92.9 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 2500 | 9.6 | 83.5 | 88.9 | 92.3 | 94.1 | 94.5 | 95.7 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 2000 | 9.6 | 83.8 | 89.2 | 92.7 | 94.4 | 94.9 | 96.1 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1800 | 9.6 | 83.8 | 89.2 | 92.7 | 94.4 | 94.9 | 96.1 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1500 | 9.6 | 84.1 | 89.4 | 92.9 | 94.7 | 95.2 | 96.3 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1200 | 9.7 | 84.9 | 90.2 | 93.8 | 95.6 | 96.1 | 97.2 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1000 | 9.7 | 85.3 | 90.7 | 94.3 | 96.3 | 96.8 | 98.0 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900 | 9.7 | 85.3 | 90.7 | 94.3 | 96.4 | 96.9 | 98.1 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 800 | 9.7 | 85.5 | 90.9 | 94.4 | 96.7 | 97.1 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 700 | 9.7 | 85.9 | 91.3 | 94.9 | 97.1 | 97.6 | 98.9 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 9.7 | 85.9 | 91.3 | 94.9 | 97.2 | 97.8 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 9.7 | 86.0 | 91.5 | 95.1 | 97.4 | 97.9 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 9.7 | 86.0 | 91.5 | 95.1 | 97.4 | 97.9 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 9.7 | 86.1 | 91.6 | 95.2 | 97.5 | 98.0 | 99.5 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 9.7 | 86.1 | 91.6 | 95.2 | 97.5 | 98.0 | 99.5 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 9.7 | 86.1 | 91.6 | 95.2 | 97.5 | 98.0 | 99.5 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 9.7 | 86.1 | 91.6 | 95.2 | 97.5 | 98.0 | 99.5 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1116



DATA PROCESSING FORMS 33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 4.6 | 62.3 | 63.0 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 20000 | 4.6 | 62.7 | 63.4 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 18000 | 4.6 | 62.7 | 63.4 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 16000 | 4.6 | 62.7 | 63.4 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 14000 | 4.6 | 62.8 | 63.9 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 12000 | 4.7 | 63.9 | 64.6 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 10000 | 4.9 | 68.6 | 69.4 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 9000 | 4.9 | 68.7 | 69.5 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 8000 | 4.9 | 73.1 | 73.9 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 7000 | 4.9 | 74.0 | 74.8 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 6000 | 4.9 | 79.4 | 80.2 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 5000 | 5.1 | 83.8 | 84.9 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 4500 | 5.1 | 84.7 | 86.0 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 4000 | 5.2 | 89.8 | 91.1 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 3500 | 5.2 | 91.1 | 92.5 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 3000 | 5.2 | 92.0 | 93.4 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 2500 | 5.2 | 93.0 | 94.4 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 2000 | 5.2 | 93.3 | 94.7 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1800 | 5.2 | 93.4 | 94.9 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1500 | 5.2 | 94.0 | 95.4 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1200 | 5.2 | 94.6 | 96.1 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1000 | 5.2 | 95.1 | 96.6 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 900 | 5.2 | 95.1 | 96.6 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 800 | 5.2 | 95.7 | 97.2 | 97.9 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 700 | 5.2 | 95.8 | 97.3 | 98.0 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 5.2 | 95.9 | 97.4 | 98.1 | 98.3 | 98.3 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 5.2 | 96.2 | 97.8 | 98.5 | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 5.2 | 96.3 | 98.1 | 98.8 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 5.2 | 96.3 | 98.1 | 98.9 | 99.2 | 99.2 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 5.2 | 96.3 | 98.1 | 98.9 | 99.2 | 99.2 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 5.2 | 96.3 | 98.1 | 98.9 | 99.2 | 99.2 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 5.2 | 96.3 | 98.1 | 98.9 | 99.2 | 99.2 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 111

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF [illegible] OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) OCT (MONTH)

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

ALL (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 8.1 | 46.4 | 50.2 | 52.2 | 53.8 | 54.1 | 55.0 | 55.5 | 55.5 | 56.3 | 56.3 | 56.5 | 56.7 | 56.7 | 56.7 | 56.9 |
| ≥ 20000 | 8.4 | 47.6 | 51.6 | 53.9 | 55.5 | 55.8 | 56.8 | 57.3 | 57.3 | 58.1 | 58.1 | 58.4 | 58.6 | 58.6 | 58.6 | 58.8 |
| ≥ 18000 | 8.5 | 47.7 | 51.6 | 53.9 | 55.5 | 55.8 | 56.8 | 57.3 | 57.4 | 58.1 | 58.1 | 58.4 | 58.6 | 58.6 | 58.6 | 58.8 |
| ≥ 16000 | 8.5 | 47.7 | 51.7 | 54.0 | 55.6 | 55.9 | 56.9 | 57.4 | 57.5 | 58.2 | 58.2 | 58.5 | 58.8 | 58.8 | 58.8 | 58.9 |
| ≥ 14000 | 8.7 | 48.2 | 52.1 | 54.4 | 56.1 | 56.4 | 57.4 | 57.9 | 57.9 | 58.7 | 58.7 | 59.0 | 59.2 | 59.2 | 59.2 | 59.3 |
| ≥ 12000 | 9.0 | 49.6 | 53.7 | 56.1 | 57.8 | 58.0 | 59.1 | 59.6 | 59.7 | 60.4 | 60.4 | 60.7 | 61.0 | 61.0 | 61.0 | 61.1 |
| ≥ 10000 | 9.9 | 55.5 | 60.1 | 62.7 | 64.6 | 65.0 | 66.3 | 66.9 | 67.0 | 67.8 | 67.8 | 68.1 | 68.3 | 68.3 | 68.3 | 68.5 |
| ≥ 9000 | 10.0 | 55.9 | 60.5 | 63.2 | 65.1 | 65.5 | 66.8 | 67.3 | 67.4 | 68.2 | 68.2 | 68.5 | 68.8 | 68.8 | 68.8 | 68.9 |
| ≥ 8000 | 10.3 | 59.4 | 64.4 | 67.3 | 69.4 | 69.8 | 71.2 | 71.8 | 71.8 | 72.7 | 72.7 | 73.0 | 73.3 | 73.3 | 73.3 | 73.4 |
| ≥ 7000 | 10.4 | 60.1 | 65.3 | 68.2 | 70.3 | 70.7 | 72.1 | 72.7 | 72.8 | 73.7 | 73.7 | 74.0 | 74.3 | 74.3 | 74.3 | 74.4 |
| ≥ 6000 | 10.5 | 63.8 | 69.2 | 72.3 | 74.5 | 74.9 | 76.3 | 77.0 | 77.1 | 78.0 | 78.0 | 78.3 | 78.6 | 78.6 | 78.6 | 78.7 |
| ≥ 5000 | 10.7 | 67.4 | 73.2 | 76.4 | 78.8 | 79.2 | 80.7 | 81.4 | 81.5 | 82.5 | 82.5 | 82.8 | 83.1 | 83.1 | 83.1 | 83.2 |
| ≥ 4500 | 10.8 | 68.3 | 74.2 | 77.5 | 80.0 | 80.4 | 82.0 | 82.6 | 82.7 | 83.8 | 83.8 | 84.1 | 84.4 | 84.4 | 84.4 | 84.5 |
| ≥ 4000 | 11.0 | 71.4 | 77.7 | 81.1 | 83.6 | 84.1 | 85.8 | 86.5 | 86.6 | 87.7 | 87.7 | 88.0 | 88.3 | 88.3 | 88.3 | 88.4 |
| ≥ 3500 | 11.0 | 72.3 | 78.6 | 82.1 | 84.6 | 85.2 | 86.8 | 87.6 | 87.7 | 88.7 | 88.7 | 89.0 | 89.3 | 89.3 | 89.3 | 89.5 |
| ≥ 3000 | 11.1 | 73.6 | 80.1 | 83.7 | 86.3 | 86.9 | 88.6 | 89.3 | 89.4 | 90.5 | 90.5 | 90.8 | 91.1 | 91.1 | 91.1 | 91.2 |
| ≥ 2500 | 11.1 | 74.4 | 80.9 | 84.6 | 87.3 | 87.9 | 89.6 | 90.3 | 90.4 | 91.6 | 91.6 | 91.9 | 92.2 | 92.2 | 92.2 | 92.3 |
| ≥ 2000 | 11.2 | 74.8 | 81.3 | 85.1 | 87.8 | 88.4 | 90.1 | 90.9 | 91.0 | 92.2 | 92.2 | 92.5 | 92.8 | 92.8 | 92.8 | 92.9 |
| ≥ 1800 | 11.2 | 74.9 | 81.4 | 85.2 | 87.9 | 88.6 | 90.3 | 91.0 | 91.1 | 92.3 | 92.3 | 92.6 | 92.9 | 92.9 | 92.9 | 93.0 |
| ≥ 1500 | 11.2 | 75.2 | 81.7 | 85.5 | 88.3 | 88.9 | 90.6 | 91.4 | 91.5 | 92.7 | 92.7 | 93.0 | 93.3 | 93.3 | 93.3 | 93.5 |
| ≥ 1200 | 11.3 | 75.6 | 82.2 | 86.1 | 88.9 | 89.5 | 91.3 | 92.1 | 92.2 | 93.4 | 93.4 | 93.7 | 94.0 | 94.0 | 94.0 | 94.2 |
| ≥ 1000 | 11.3 | 76.1 | 82.8 | 86.8 | 89.7 | 90.3 | 92.1 | 92.9 | 93.0 | 94.2 | 94.2 | 94.6 | 94.9 | 94.9 | 94.9 | 95.0 |
| ≥ 900 | 11.3 | 76.4 | 83.1 | 87.1 | 90.0 | 90.6 | 92.4 | 93.2 | 93.3 | 94.6 | 94.6 | 94.9 | 95.2 | 95.2 | 95.2 | 95.4 |
| ≥ 800 | 11.3 | 76.9 | 83.6 | 87.7 | 90.7 | 91.3 | 93.2 | 94.1 | 94.2 | 95.4 | 95.4 | 95.8 | 96.1 | 96.1 | 96.1 | 96.3 |
| ≥ 700 | 11.3 | 77.1 | 83.9 | 87.9 | 91.0 | 91.7 | 93.6 | 94.5 | 94.6 | 95.8 | 95.8 | 96.2 | 96.5 | 96.5 | 96.5 | 96.7 |
| ≥ 600 | 11.3 | 77.3 | 84.1 | 88.2 | 91.4 | 92.0 | 94.1 | 94.9 | 95.0 | 96.4 | 96.4 | 96.8 | 97.2 | 97.2 | 97.2 | 97.3 |
| ≥ 500 | 11.3 | 77.5 | 84.4 | 88.5 | 91.7 | 92.4 | 94.5 | 95.3 | 95.5 | 96.9 | 96.9 | 97.3 | 97.7 | 97.7 | 97.7 | 97.9 |
| ≥ 400 | 11.3 | 77.7 | 84.5 | 88.7 | 92.0 | 92.7 | 94.8 | 95.7 | 95.8 | 97.3 | 97.3 | 97.7 | 98.1 | 98.1 | 98.1 | 98.4 |
| ≥ 300 | 11.3 | 77.7 | 84.6 | 88.9 | 92.2 | 92.9 | 95.1 | 96.0 | 96.1 | 97.6 | 97.6 | 98.0 | 98.6 | 98.6 | 98.6 | 98.8 |
| ≥ 200 | 11.3 | 77.7 | 84.7 | 88.9 | 92.3 | 93.0 | 95.2 | 96.1 | 96.2 | 97.7 | 97.7 | 98.1 | 98.7 | 98.7 | 98.7 | 99.1 |
| ≥ 100 | 11.3 | 77.7 | 84.7 | 88.9 | 92.3 | 93.0 | 95.2 | 96.1 | 96.2 | 97.7 | 97.7 | 98.1 | 98.7 | 98.7 | 98.7 | 99.1 |
| 0 | 11.3 | 77.7 | 84.7 | 88.9 | 92.3 | 93.0 | 95.2 | 96.2 | 96.3 | 97.8 | 97.8 | 98.3 | 99.1 | 99.1 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 8912

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS 33782

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TAE (STATION NAME) 54-65 (YEARS) ALL (MONTH)

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

ALL (HOURS (L.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 12.6 | 41.1 | 43.6 | 45.1 | 46.2 | 46.5 | 47.2 | 47.5 | 47.6 | 48.0 | 48.0 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 |
| ≥ 20000 | 16.6 | 47.8 | 50.7 | 52.3 | 53.6 | 53.9 | 54.8 | 55.1 | 55.1 | 55.6 | 55.6 | 55.7 | 55.8 | 55.8 | 55.8 | 55.9 |
| ≥ 18000 | 16.6 | 47.9 | 50.8 | 52.4 | 53.8 | 54.0 | 54.9 | 55.2 | 55.2 | 55.7 | 55.7 | 55.8 | 55.9 | 55.9 | 55.9 | 56.0 |
| ≥ 16000 | 16.7 | 48.0 | 50.9 | 52.6 | 53.9 | 54.2 | 55.0 | 55.4 | 55.4 | 55.9 | 55.9 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 14000 | 17.2 | 48.8 | 51.8 | 53.4 | 54.8 | 55.1 | 55.9 | 56.3 | 56.3 | 56.8 | 56.8 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 12000 | 18.0 | 50.4 | 53.4 | 55.1 | 56.5 | 56.8 | 57.7 | 58.1 | 58.1 | 58.6 | 58.6 | 58.7 | 58.8 | 58.8 | 58.8 | 58.9 |
| ≥ 10000 | 19.6 | 55.4 | 58.8 | 60.7 | 62.3 | 62.7 | 63.7 | 64.1 | 64.1 | 64.6 | 64.6 | 64.7 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 9000 | 19.6 | 55.5 | 58.9 | 60.9 | 62.5 | 62.8 | 63.8 | 64.2 | 64.3 | 64.8 | 64.8 | 64.9 | 65.0 | 65.0 | 65.0 | 65.1 |
| ≥ 8000 | 20.1 | 58.0 | 61.6 | 63.6 | 65.3 | 65.7 | 66.8 | 67.2 | 67.2 | 67.8 | 67.8 | 67.9 | 68.0 | 68.0 | 68.0 | 68.1 |
| ≥ 7000 | 20.2 | 58.7 | 62.3 | 64.4 | 66.1 | 66.5 | 67.6 | 68.0 | 68.0 | 68.6 | 68.6 | 68.7 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 6000 | 20.8 | 61.8 | 65.7 | 67.9 | 69.7 | 70.1 | 71.3 | 71.7 | 71.7 | 72.3 | 72.3 | 72.5 | 72.6 | 72.6 | 72.6 | 72.7 |
| ≥ 5000 | 21.2 | 65.1 | 69.3 | 71.6 | 73.6 | 74.0 | 75.2 | 75.6 | 75.7 | 76.3 | 76.3 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 4500 | 21.4 | 66.3 | 70.5 | 72.8 | 74.8 | 75.2 | 76.5 | 77.0 | 77.0 | 77.6 | 77.6 | 77.8 | 77.9 | 77.9 | 77.9 | 78.0 |
| ≥ 4000 | 21.9 | 70.4 | 74.9 | 77.5 | 79.6 | 80.0 | 81.4 | 81.9 | 82.0 | 82.6 | 82.6 | 82.8 | 82.9 | 82.9 | 82.9 | 83.0 |
| ≥ 3500 | 22.0 | 71.6 | 76.2 | 78.8 | 81.0 | 81.4 | 82.8 | 83.4 | 83.4 | 84.1 | 84.1 | 84.2 | 84.4 | 84.4 | 84.4 | 84.5 |
| ≥ 3000 | 22.4 | 73.6 | 78.4 | 81.2 | 83.5 | 83.9 | 85.3 | 85.9 | 85.9 | 86.7 | 86.7 | 86.8 | 87.0 | 87.0 | 87.0 | 87.1 |
| ≥ 2500 | 23.5 | 76.2 | 81.2 | 84.0 | 86.4 | 86.9 | 88.4 | 89.0 | 89.0 | 89.7 | 89.7 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 2000 | 24.3 | 78.5 | 83.7 | 86.7 | 89.2 | 89.7 | 91.2 | 91.8 | 91.8 | 92.6 | 92.6 | 92.8 | 92.9 | 92.9 | 92.9 | 93.0 |
| ≥ 1800 | 24.3 | 78.8 | 84.0 | 87.0 | 89.5 | 90.0 | 91.6 | 92.2 | 92.2 | 93.0 | 93.0 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 |
| ≥ 1500 | 24.4 | 79.3 | 84.7 | 87.8 | 90.4 | 90.9 | 92.6 | 93.2 | 93.3 | 94.1 | 94.1 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 1200 | 24.5 | 79.8 | 85.3 | 88.5 | 91.2 | 91.8 | 93.4 | 94.1 | 94.1 | 95.0 | 95.0 | 95.2 | 95.4 | 95.4 | 95.4 | 95.5 |
| ≥ 1000 | 24.5 | 80.1 | 85.7 | 89.0 | 91.9 | 92.4 | 94.2 | 94.9 | 94.9 | 95.9 | 95.9 | 96.1 | 96.3 | 96.3 | 96.3 | 96.4 |
| ≥ 900 | 24.5 | 80.3 | 85.8 | 89.1 | 92.0 | 92.6 | 94.4 | 95.0 | 95.1 | 96.1 | 96.1 | 96.2 | 96.5 | 96.5 | 96.5 | 96.6 |
| ≥ 800 | 24.5 | 80.5 | 86.2 | 89.6 | 92.6 | 93.1 | 95.0 | 95.7 | 95.8 | 96.8 | 96.8 | 97.0 | 97.3 | 97.3 | 97.3 | 97.4 |
| ≥ 700 | 24.5 | 80.7 | 86.3 | 89.8 | 92.8 | 93.4 | 95.3 | 96.0 | 96.1 | 97.2 | 97.2 | 97.4 | 97.6 | 97.6 | 97.6 | 97.7 |
| ≥ 600 | 24.5 | 80.8 | 86.5 | 90.1 | 93.2 | 93.7 | 95.7 | 96.5 | 96.5 | 97.7 | 97.7 | 97.9 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 500 | 24.5 | 80.9 | 86.7 | 90.3 | 93.4 | 94.0 | 96.1 | 96.8 | 96.9 | 98.1 | 98.1 | 98.3 | 98.7 | 98.7 | 98.7 | 98.8 |
| ≥ 400 | 24.5 | 81.0 | 86.8 | 90.4 | 93.6 | 94.2 | 96.3 | 97.1 | 97.2 | 98.4 | 98.4 | 98.6 | 99.0 | 99.1 | 99.1 | 99.2 |
| ≥ 300 | 24.5 | 81.1 | 86.8 | 90.5 | 93.7 | 94.3 | 96.5 | 97.3 | 97.4 | 98.7 | 98.7 | 98.9 | 99.3 | 99.3 | 99.3 | 99.5 |
| ≥ 200 | 24.5 | 81.1 | 86.9 | 90.5 | 93.8 | 94.4 | 96.5 | 97.3 | 97.4 | 98.7 | 98.7 | 99.0 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 100 | 24.5 | 81.1 | 86.9 | 90.5 | 93.8 | 94.4 | 96.5 | 97.3 | 97.4 | 98.7 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.7 |
| ≥ 0 | 24.5 | 81.1 | 86.9 | 90.5 | 93.8 | 94.4 | 96.5 | 97.3 | 97.4 | 98.7 | 98.8 | 99.0 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 105090

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# PART D SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

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. Weather Bureau 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 sources of punched data 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:

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SKY COVER

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | 00-02 | 39.2 | .8 | 3.7 | 3.7 | 5.6 | 4.2 | 4.0 | 1.1 | 6.8 | 7.9 | 23.1 | 4.5 | 1116 |
| | 03-05 | 36.9 | 1.0 | 3.0 | 3.0 | 4.3 | 4.2 | 3.8 | 2.2 | 7.7 | 7.3 | 26.7 | 4.9 | 1116 |
| | 06-08 | 18.8 | 2.6 | 3.9 | 6.5 | 5.9 | 4.2 | 5.9 | 3.2 | 9.2 | 11.6 | 28.1 | 5.9 | 1116 |
| | 09-11 | 21.6 | 4.9 | 5.5 | 7.3 | 5.9 | 4.4 | 5.9 | 4.3 | 12.2 | 12.7 | 15.3 | 5.1 | 1116 |
| | 12-14 | 25.0 | 9.2 | 6.6 | 7.3 | 5.9 | 3.3 | 5.3 | 4.6 | 10.6 | 10.2 | 11.7 | 4.4 | 1116 |
| | 15-17 | 29.6 | 8.5 | 4.6 | 5.6 | 6.3 | 3.5 | 3.7 | 2.3 | 11.0 | 11.3 | 13.7 | 4.4 | 1116 |
| | 18-20 | 31.3 | 3.0 | 4.7 | 6.9 | 5.4 | 3.6 | 5.1 | 2.5 | 9.9 | 11.2 | 16.3 | 4.6 | 1116 |
| | 21-23 | 39.2 | 1.6 | 3.1 | 4.2 | 5.6 | 4.3 | 4.3 | 2.2 | 6.3 | 8.6 | 20.6 | 4.4 | 1116 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 30.2 | 4.0 | 4.4 | 5.6 | 5.6 | 4.0 | 4.8 | 2.8 | 9.2 | 10.1 | 19.4 | 4.8 | 8928 |

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

# SKY COVER

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| FEB | 00-02 | 34.3 | 2.0 | 3.3 | 2.9 | 3.6 | 4.7 | 4.3 | 1.5 | 8.3 | 9.2 | 25.9 | 5.0 | 1017 |
| | 03-05 | 30.7 | 1.2 | 2.8 | 2.9 | 3.9 | 3.9 | 4.2 | 1.4 | 7.3 | 8.2 | 33.6 | 5.5 | 1017 |
| | 06-08 | 15.9 | 3.6 | 4.6 | 5.8 | 5.2 | 3.6 | 4.8 | 2.5 | 10.3 | 11.1 | 32.4 | 6.2 | 1017 |
| | 09-11 | 25.8 | 5.0 | 5.1 | 6.7 | 7.2 | 3.1 | 5.0 | 2.9 | 10.1 | 12.1 | 16.9 | 4.9 | 1017 |
| | 12-14 | 24.9 | 11.3 | 9.0 | 7.5 | 8.8 | 4.4 | 2.2 | 2.9 | 7.5 | 9.5 | 11.9 | 4.1 | 1017 |
| | 15-17 | 28.8 | 9.6 | 6.9 | 6.3 | 6.3 | 4.5 | 3.3 | 4.4 | 8.8 | 10.1 | 10.8 | 4.1 | 1017 |
| | 18-20 | 30.1 | 3.7 | 5.8 | 6.9 | 6.9 | 4.5 | 4.5 | 2.1 | 8.7 | 11.3 | 15.5 | 4.5 | 1017 |
| | 21-23 | 35.3 | 1.8 | 4.1 | 4.6 | 4.9 | 3.4 | 4.2 | 2.5 | 7.8 | 10.7 | 20.6 | 4.7 | 1017 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 28.2 | 4.8 | 5.2 | 5.5 | 5.9 | 4.0 | 4.1 | 2.5 | 8.6 | 10.3 | 21.0 | 4.9 | 8136 |

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# SKY COVER

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAR | 00-02 | 31.5 | 1.2 | 3.0 | 4.1 | 5.0 | 4.3 | 5.3 | 2.7 | 7.5 | 9.3 | 26.1 | 5.2 | 1113 |
| | 03-05 | 28.7 | 1.5 | 2.6 | 4.7 | 6.4 | 5.0 | 5.0 | 1.9 | 8.0 | 7.2 | 29.0 | 5.3 | 1113 |
| | 06-08 | 11.4 | 3.3 | 5.0 | 7.5 | 5.7 | 5.0 | 4.7 | 3.9 | 11.8 | 12.8 | 28.9 | 6.4 | 1113 |
| | 09-11 | 20.1 | 7.5 | 6.2 | 5.8 | 6.1 | 4.2 | 4.9 | 4.0 | 10.4 | 12.8 | 17.9 | 5.2 | 1113 |
| | 12-14 | 13.6 | 11.8 | 9.1 | 8.5 | 8.0 | 5.2 | 5.4 | 4.0 | 9.2 | 9.4 | 15.8 | 4.9 | 1113 |
| | 15-17 | 19.0 | 11.5 | 8.9 | 6.6 | 6.3 | 4.0 | 4.0 | 4.0 | 9.9 | 10.6 | 15.2 | 4.7 | 1113 |
| | 18-20 | 18.8 | 4.1 | 5.1 | 6.7 | 7.0 | 5.1 | 5.1 | 4.0 | 11.9 | 11.9 | 20.2 | 5.5 | 1113 |
| | 21-23 | 28.9 | 2.2 | 4.0 | 4.5 | 4.9 | 3.4 | 6.6 | 2.9 | 9.1 | 11.1 | 22.3 | 5.2 | 1113 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 21.9 | 5.4 | 5.5 | 6.1 | 6.2 | 4.5 | 5.1 | 3.4 | 9.7 | 10.6 | 21.9 | 5.3 | 8904 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00-02 | 36.2 | 1.3 | 4.5 | 3.8 | 4.5 | 4.0 | 6.7 | 2.4 | 8.2 | 8.1 | 20.2 | 4.6 | 1079 |
| | 03-05 | 32.8 | 1.9 | 3.5 | 5.0 | 7.4 | 4.3 | 6.6 | 2.6 | 8.5 | 6.9 | 20.6 | 4.7 | 1080 |
| | 06-08 | 9.4 | 4.6 | 4.2 | 7.2 | 7.2 | 5.4 | 6.0 | 5.3 | 15.1 | 13.2 | 22.4 | 6.3 | 1080 |
| | 09-11 | 9.8 | 5.4 | 5.9 | 8.8 | 9.9 | 6.4 | 6.9 | 4.8 | 10.9 | 13.8 | 17.3 | 5.8 | 1080 |
| | 12-14 | 5.9 | 9.2 | 11.4 | 10.3 | 9.4 | 6.9 | 5.9 | 4.4 | 10.5 | 11.9 | 14.4 | 5.3 | 1080 |
| | 15-17 | 8.3 | 9.4 | 9.9 | 6.6 | 7.8 | 7.9 | 5.9 | 5.8 | 12.1 | 10.5 | 15.8 | 5.5 | 1080 |
| | 18-20 | 12.5 | 4.4 | 4.8 | 7.5 | 8.0 | 7.6 | 7.2 | 4.7 | 12.9 | 14.1 | 16.4 | 5.8 | 1080 |
| | 21-23 | 26.8 | 3.1 | 5.3 | 6.3 | 7.2 | 4.4 | 5.6 | 3.1 | 10.6 | 9.5 | 18.0 | 4.9 | 1080 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.7 | 4.9 | 6.2 | 6.9 | 7.7 | 5.9 | 6.4 | 4.1 | 11.1 | 11.0 | 18.1 | 5.4 | 8639 |

DATA PROCESSING DIVISION
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# SKY COVER

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00-02 | 31.0 | 3.0 | 8.2 | 6.3 | 7.9 | 6.6 | 6.7 | 1.8 | 6.9 | 9.1 | 12.5 | 4.2 | 1116 |
| | 03-05 | 25.3 | 4.2 | 5.0 | 6.7 | 6.2 | 8.5 | 5.6 | 2.6 | 11.5 | 10.0 | 14.4 | 4.8 | 1116 |
| | 06-08 | 4.3 | 3.9 | 5.9 | 6.6 | 7.9 | 7.8 | 4.9 | 5.5 | 16.6 | 19.9 | 16.7 | 6.5 | 1116 |
| | 09-11 | 2.4 | 3.8 | 4.2 | 8.2 | 9.3 | 9.3 | 7.8 | 7.0 | 17.0 | 18.5 | 12.5 | 6.4 | 1116 |
| | 12-14 | .3 | 3.6 | 9.1 | 10.3 | 10.9 | 7.5 | 5.5 | 4.7 | 19.0 | 15.0 | 12.2 | 6.1 | 1116 |
| | 15-17 | .8 | 5.6 | 8.2 | 7.5 | 8.7 | 10.8 | 5.3 | 5.2 | 18.5 | 15.7 | 13.8 | 6.3 | 1116 |
| | 18-20 | 4.7 | 4.1 | 4.9 | 8.0 | 8.8 | 10.2 | 5.6 | 4.7 | 17.7 | 14.9 | 16.3 | 6.3 | 1116 |
| | 21-23 | 24.6 | 3.6 | 6.1 | 7.6 | 9.6 | 5.0 | 6.3 | 2.5 | 9.1 | 9.9 | 15.9 | 4.8 | 1116 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 11.7 | 4.2 | 6.5 | 7.7 | 8.7 | 8.2 | 6.0 | 4.3 | 14.5 | 14.1 | 14.3 | 5.7 | 8928 |

DATA PROCESSING DIVISION
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# SKY COVER

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUN | 00-02 | 23.0 | 2.7 | 5.6 | 5.4 | 7.3 | 3.9 | 9.8 | 3.0 | 11.0 | 8.7 | 19.7 | 5.2 | 1080 |
| | 03-05 | 18.2 | 2.4 | 5.5 | 5.6 | 6.4 | 8.2 | 6.3 | 4.5 | 14.2 | 10.0 | 18.7 | 5.6 | 1080 |
| | 06-08 | .6 | 1.6 | 2.7 | 4.0 | 6.2 | 8.3 | 4.5 | 5.5 | 24.4 | 23.5 | 18.8 | 7.5 | 1080 |
| | 09-11 | .2 | .7 | 1.7 | 3.1 | 6.8 | 6.9 | 6.7 | 5.6 | 23.2 | 29. | 15.5 | 7.6 | 1080 |
| | 12-14 | .2 | .7 | 2.1 | 4.1 | 8.1 | 7.2 | 5.2 | 4.8 | 22.8 | 28.7 | 16.1 | 7.5 | 1080 |
| | 15-17 | .4 | 1.1 | 1.4 | 3.5 | 5.0 | 6.4 | 4.4 | 5.0 | 24.6 | 29.1 | 19.2 | 7.8 | 1080 |
| | 18-20 | .3 | 1.3 | 1.4 | 2.6 | 4.9 | 4.9 | 5.6 | 3.8 | 21.8 | 31.5 | 22.0 | 7.9 | 1080 |
| | 21-23 | 12.4 | 2.9 | 4.8 | 6.4 | 7.9 | 4.2 | 7.4 | 3.8 | 16.9 | 13.1 | 20.4 | 6.1 | 1080 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 6.9 | 1.7 | 3.2 | 4.3 | 6.6 | 6.3 | 6.2 | 4.5 | 19.9 | 21.8 | 18.8 | 6.9 | 8640 |

DATA PROCESSING DIVISION
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# SKY COVER

46743 STATION | TAI-NAN FURMOSA/NEU-CHEU-TZE STATION NAME | 54-65 PERIOD | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00-02 | 28.4 | 6.0 | 8.0 | 7.8 | 8.6 | 5.2 | 7.8 | 2.8 | 8.2 | 5.4 | 11.9 | 4.0 | 1116 |
| | 03-05 | 22.5 | 7.8 | 6.4 | 10.8 | 9.0 | 9.4 | 6.2 | 2.9 | 8.9 | 4.7 | 11.6 | 4.2 | 1116 |
| | 06-08 | 3.2 | 4.8 | 8.0 | 8.2 | 8.4 | 9.6 | 5.3 | 5.6 | 18.0 | 16.6 | 12.3 | 6.1 | 1116 |
| | 09-11 | .6 | 1.3 | 3.9 | 6.0 | 10.4 | 10.8 | 7.8 | 6.7 | 21.7 | 18.7 | 12.1 | 6.8 | 1116 |
| | 12-14 | .2 | .6 | 4.0 | 6.8 | 11.8 | 10.6 | 8.7 | 6.3 | 21.2 | 16.8 | 13.0 | 6.8 | 1116 |
| | 15-17 | | 1.4 | 3.0 | 6.4 | 8.3 | 9.5 | 6.6 | 5.0 | 21.3 | 23.3 | 15.1 | 7.1 | 1116 |
| | 18-20 | .8 | 1.4 | 2.7 | 3.8 | 5.3 | 9.5 | 5.8 | 4.9 | 23.7 | 23.6 | 18.5 | 7.4 | 1116 |
| | 21-23 | 14.7 | 5.5 | 6.1 | 9.5 | 9.2 | 6.5 | 7.9 | 3.9 | 13.6 | 7.2 | 15.9 | 5.2 | 1116 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 8.8 | 3.6 | 5.3 | 7.4 | 8.9 | 8.9 | 7.0 | 4.8 | 17.1 | 14.5 | 13.8 | 6.0 | 8928 |

DATA PROCESSING DIVISION
ETAC/USAF
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# SKY COVER

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00-02 | 27.3 | 3.2 | 4.7 | 4.1 | 9.2 | 5.8 | 5.3 | [illegible] | 9.1 | 6.3 | 21.7 | 4.9 | 1113 |
| | 03-05 | 25.7 | 3.1 | 5.8 | 6.6 | 6.7 | 5.2 | 6.9 | 3.7 | 11.0 | 6.0 | 19.2 | 4.9 | 1113 |
| | 06-08 | 1.4 | 4.4 | 5.6 | 6.4 | 8.4 | 9.6 | 4.3 | 3.9 | 17.6 | 22.6 | 15.9 | 6.7 | 1113 |
| | 09-11 | .5 | 1.7 | 3.1 | 3.1 | 7.7 | 6.9 | 8.1 | 6.7 | 21.6 | 21.5 | 17.1 | 7.2 | 1113 |
| | 12-14 | | .6 | 2.1 | 5.0 | 8.6 | 10.8 | 7.7 | 5.8 | 20.1 | 20.2 | 19.0 | 7.3 | 1113 |
| | 15-17 | | 1.5 | 2.2 | 5.2 | 7.5 | 8.4 | 5.8 | 4.9 | 16.6 | 25.3 | 22.6 | 7.5 | 1113 |
| | 18-20 | 1.3 | 1.0 | 1.8 | 1.8 | 3.9 | 8.0 | 7.7 | 4.1 | 16.3 | 25.0 | 27.0 | 7.7 | 1112 |
| | 21-23 | 14.3 | 2.2 | 4.9 | 6.4 | 9.3 | 6.2 | 9.1 | 4.0 | 11.1 | 8.2 | 24.2 | 5.9 | 1113 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 8.8 | 2.2 | 3.8 | 4.8 | 7.9 | 7.9 | 6.9 | 4.6 | 15.4 | 16.9 | 20.8 | 6.5 | 8903 |

USAF ETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# SKY COVER

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| SEP | 00-02 | 27.1 | 2.0 | 5.1 | 5.6 | 7.4 | 5.6 | 8.9 | 2.2 | 9.6 | 9.4 | 17.0 | 4.9 | 1080 |
| | 03-05 | 28.0 | 2.1 | 7.2 | 6.8 | 8.7 | 6.3 | 8.1 | 2.7 | 8.5 | 6.8 | 14.9 | 4.5 | 1080 |
| | 06-08 | 3.3 | 3.5 | 5.1 | 8.2 | 8.6 | 9.4 | 6.7 | 4.4 | 19.9 | 17.0 | 13.9 | 6.4 | 1080 |
| | 09-11 | 1.5 | 3.8 | 4.1 | 5.3 | 10.1 | 9.1 | 8.3 | 6.3 | 24.5 | 16.9 | 11.1 | 6.7 | 1080 |
| | 12-14 | .2 | 2.6 | 3.6 | 6.9 | 10.8 | 7.4 | 8.8 | 6.7 | 23.6 | 16.8 | 12.7 | 6.8 | 1080 |
| | 15-17 | 1.3 | 2.5 | 5.0 | 6.9 | 9.3 | 5.6 | 5.2 | 5.6 | 23.0 | 20.4 | 15.4 | 6.9 | 1080 |
| | 18-20 | 3.8 | 3.1 | 3.4 | 5.3 | 5.9 | 6.4 | 5.1 | 3.6 | 17.2 | 24.5 | 21.7 | 7.1 | 1080 |
| | 21-23 | 17.5 | 2.7 | 4.5 | 6.2 | 6.9 | 5.8 | 8.1 | 3.4 | 14.2 | 10.3 | 20.5 | 5.7 | 1080 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 10.3 | 2.7 | 4.8 | 6.4 | 8.5 | 7.0 | 7.4 | 4.4 | 17.6 | 15.3 | 15.9 | 6.1 | 8640 |

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# SKY COVER

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TIE (STATION NAME) 54-65 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| OCT | 00-02 | 50.0 | 2.3 | 4.6 | 5.7 | 6.6 | 5.1 | 3.9 | 2.0 | 7.0 | 5.7 | 7.1 | 3.0 | 1116 |
| | 03-05 | 50.7 | 1.5 | 5.0 | 5.5 | 6.6 | 3.9 | 4.6 | 2.4 | 7.4 | 5.3 | 7.0 | 3.0 | 1116 |
| | 06-08 | 18.9 | 5.6 | 7.3 | 9.8 | 8.7 | 5.5 | .5 | 3.7 | 12.9 | 11.4 | 10.8 | 4.8 | 1116 |
| | 09-11 | 14.1 | 10.3 | 9.0 | 9.0 | 10.5 | 7.3 | 6.8 | 5.0 | 11.5 | 11.3 | 5.3 | 4.6 | 1116 |
| | 12-14 | 1.6 | 8.2 | 13.6 | 14.2 | 12.6 | 9.0 | 7.0 | 5.4 | 13.1 | 10.3 | 4.9 | 5.0 | 1116 |
| | 15-17 | 8.1 | 13.4 | 10.5 | 9.9 | 9.0 | 7.5 | 5.2 | 5.6 | 10.9 | 13.9 | 5.9 | 4.8 | 1116 |
| | 18-20 | 32.0 | 6.2 | 5.6 | 7.2 | 9.1 | 6.5 | 5.9 | 4.0 | 11.6 | 13.0 | 8.8 | 4.7 | 1116 |
| | 21-23 | 39.1 | 2.5 | 7.3 | 7.4 | 8.2 | 5.5 | 4.6 | 2.2 | 8.3 | 7.4 | 7.4 | 3.5 | 1116 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.6 | 6.3 | 7.9 | 8.6 | 8.9 | 6.3 | 5.4 | 3.8 | 10.3 | 9.8 | 7.2 | 4.2 | 8928 |

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# SKY COVER

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| NOV | 00-02 | 45.9 | 1.3 | 4.8 | 3.0 | 4.3 | 3.2 | 4.4 | 1.3 | 6.6 | 8.1 | 16.2 | 3.8 | 1080 |
| | 03-05 | 43.6 | 1.1 | 4.7 | 3.8 | 5.5 | 3.8 | 4.4 | 1.6 | 6.8 | 7.2 | 17.5 | 3.9 | 1080 |
| | 06-08 | 19.3 | 5.5 | 4.9 | 6.7 | 6.5 | 5.4 | 4.5 | 3.5 | 12.1 | 13.7 | 18.0 | 5.4 | 1080 |
| | 09-11 | 23.9 | 9.4 | 6.8 | 6.9 | 6.3 | 4.1 | 3.5 | 3.5 | 11.3 | 15.5 | 8.9 | 4.5 | 1080 |
| | 12-14 | 12.9 | 14.4 | 11.8 | 9.0 | 6.8 | 5.3 | 5.8 | 3.6 | 9.4 | 13.0 | 8.1 | 4.5 | 1080 |
| | 15-17 | 18.1 | 14.9 | 9.9 | 6.3 | 5.4 | 5.3 | 3.9 | 3.1 | 9.1 | 14.3 | 9.8 | 4.5 | 1080 |
| | 18-20 | 28.8 | 4.2 | 5.3 | 6.5 | 7.8 | 4.9 | 5.3 | 3.7 | 9.5 | 10.8 | 12.9 | 4.5 | 1080 |
| | 21-23 | 41.7 | 2.5 | 4.3 | 4.2 | 4.8 | 4.7 | 4.8 | 2.4 | 7.7 | 8.9 | 14.1 | 3.9 | 1080 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 29.3 | 6.7 | 6.6 | 5.9 | 5.9 | 4.6 | 4.6 | 2.8 | 9.1 | 11.4 | 13.2 | 4.4 | 8640 |

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# SKY COVER

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| DEC | 00-02 | 44.4 | 1.7 | 3.5 | 3.2 | 4.7 | 3.2 | 5.0 | 1.4 | 8.7 | 7.7 | 16.8 | 4.0 | 1116 |
| | 03-05 | 40.3 | 1.7 | 2.9 | 3.2 | 3.7 | 4.2 | 4.8 | 1.9 | 8.7 | 8.0 | 20.6 | 4.4 | 1116 |
| | 06-08 | 15.9 | 3.5 | 6.4 | 6.3 | 6.0 | 5.7 | 5.8 | 3.7 | 13.4 | 15.1 | 18.2 | 5.7 | 1116 |
| | 09-11 | 21.4 | 6.3 | 6.8 | 6.8 | 6.5 | 4.7 | 5.9 | 3.9 | 11.9 | 16.5 | 9.1 | 4.9 | 1116 |
| | 12-14 | 20.2 | 12.1 | 8.4 | 7.1 | 6.7 | 5.9 | 4.6 | 3.3 | 11.5 | 13.5 | 6.7 | 4.4 | 1116 |
| | 15-17 | 21.5 | 10.9 | 8.0 | 6.9 | 6.5 | 4.5 | 5.5 | 5.1 | 11.1 | 12.4 | 7.6 | 4.4 | 1116 |
| | 18-20 | 32.7 | 4.9 | 6.4 | 5.2 | 5.2 | 4.7 | 5.6 | 2.8 | 10.6 | 9.9 | 12.2 | 4.3 | 1116 |
| | 21-23 | 43.7 | 2.1 | 3.9 | 4.6 | 4.7 | 4.1 | 6.0 | 1.4 | 6.8 | 7.8 | 14.8 | 3.8 | 1116 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 30.0 | 5.4 | 5.8 | 5.4 | 5.5 | 4.6 | 5.4 | 2.9 | 10.3 | 11.4 | 13.3 | 4.5 | 8928 |

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# SKY COVER

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | ALL | 30.2 | 4.0 | 4.4 | 5.6 | 5.6 | 4.0 | 4.8 | 2.8 | 9.2 | 10.1 | 19.4 | 4.8 | 8928 |
| FEB | | 28.2 | 4.8 | 5.2 | 5.5 | 5.9 | 4.0 | 4.1 | 2.5 | 8.6 | 10.3 | 21.0 | 4.9 | 8136 |
| MAR | | 21.5 | 5.4 | 5.5 | 6.1 | 6.2 | 4.5 | 5.1 | 3.4 | 9.7 | 10.6 | 21.9 | 5.3 | 8904 |
| APR | | 17.7 | 4.9 | 6.2 | 6.9 | 7.7 | 5.9 | 6.4 | 4.1 | 11.1 | 11.0 | 18.1 | 5.4 | 8639 |
| MAY | | 11.7 | 4.2 | 6.5 | 7.7 | 8.7 | 8.2 | 6.0 | 4.3 | 14.5 | 14.1 | 14.3 | 5.7 | 8928 |
| JUN | | 6.9 | 1.7 | 3.2 | 4.3 | 6.6 | 6.3 | 6.2 | 4.5 | 19.9 | 21.8 | 18.8 | 6.9 | 8640 |
| JUL | | 8.8 | 3.6 | 5.3 | 7.4 | 8.9 | 8.9 | 7.0 | 4.8 | 17.1 | 14.5 | 13.8 | 6.0 | 8928 |
| AUG | | 8.8 | 2.2 | 3.8 | 4.8 | 7.9 | 7.9 | 6.9 | 4.6 | 15.4 | 16.9 | 20.8 | 6.5 | 8903 |
| SEP | | 10.3 | 2.7 | 4.8 | 6.4 | 8.5 | 7.0 | 7.4 | 4.4 | 17.6 | 15.3 | 15.9 | 6.1 | 8640 |
| OCT | | 25.6 | 6.3 | 7.9 | 8.6 | 8.9 | 6.3 | 5.4 | 3.8 | 10.3 | 9.8 | 7.2 | 4.2 | 8928 |
| NOV | | 29.3 | 6.7 | 6.6 | 5.9 | 5.9 | 4.6 | 4.6 | 2.8 | 9.1 | 11.4 | 13.2 | 4.4 | 8640 |
| DEC | | 30.0 | 5.4 | 5.8 | 5.4 | 5.5 | 4.6 | 5.4 | 2.9 | 10.3 | 11.4 | 13.3 | 4.5 | 8928 |
| TOTALS | | 19.1 | 4.3 | 5.4 | 6.2 | 7.2 | 6.0 | 5.8 | 3.7 | 12.7 | 13.1 | 16.5 | 5.4 | 105142 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

# PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. 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:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. 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 deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage 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, which may require two pages in some cases.

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

b. 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 the forms. These consist of the sum of squares ($\Sigma X^2$), sums of values ($\Sigma X$), means ($\bar{X}$), and standard deviations ($\sigma x$). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given 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.

4. 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:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - 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.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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# DAILY TEMPERATURES

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 100 | | | | | | | .3 | | | | | | .0 |
| ≥ 95 | | | | | | .6 | .8 | .8 | .3 | | | | .2 |
| ≥ 90 | | | .5 | 4.4 | 30.6 | 44.4 | 57.3 | 51.5 | 35.3 | 8.1 | .8 | | 19.5 |
| ≥ 85 | .8 | 2.7 | 15.1 | 49.7 | 87.9 | 88.9 | 92.5 | 90.8 | 90.8 | 74.5 | 22.2 | 2.2 | 51.7 |
| ≥ 80 | 11.0 | 22.1 | 50.7 | 85.3 | 98.1 | 97.5 | 99.2 | 98.7 | 99.2 | 98.4 | 67.5 | 25.0 | 71.2 |
| ≥ 75 | 37.9 | 47.5 | 75.7 | 94.2 | 99.5 | 99.2 | 100.0 | 100.0 | 100.0 | 99.5 | 91.1 | 65.6 | 84.3 |
| ≥ 70 | 66.7 | 78.2 | 92.2 | 98.6 | 100.0 | 100.0 | | | | 100.0 | 99.4 | 89.0 | 93.7 |
| ≥ 65 | 87.9 | 91.2 | 97.0 | 99.7 | | | | | | | 100.0 | 97.3 | 97.8 |
| ≥ 60 | 96.5 | 98.2 | 98.7 | | | | | | | | | 99.7 | 99.4 |
| ≥ 55 | 99.2 | 99.4 | 100.0 | 100.0 | | | | | | | | 100.0 | 99.9 |
| ≥ 50 | 99.7 | 100.0 | | | | | | | | | | | 100.0 |
| ≥ 45 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 71.9 | 74.0 | 78.5 | 83.5 | 87.9 | 88.4 | 89.3 | 88.9 | 88.4 | 85.9 | 81.0 | 75.9 | 82.8 |
| S D | 6.353 | 6.331 | 6.129 | 4.790 | 3.204 | 3.332 | 2.983 | 3.147 | 2.677 | 2.918 | 4.268 | 4.794 | 7.526 |
| TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 372 | 4381 |

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# DAILY TEMPERATURES

46743 TAI-NAN FURMOSA/NEU-CHEU-TZE 54-65
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | | | | | ,3 | ,8 | 4,3 | 1,6 | ,6 | | | | ,6 |
| 75 | | | | 2,2 | 41,9 | 83,3 | 88,2 | 84,4 | 67,8 | 9,1 | | | 31,6 |
| 70 | | ,6 | 4,3 | 39,7 | 92,2 | 98,9 | 100,0 | 100,0 | 97,8 | 46,2 | 9,7 | ,3 | 49,4 |
| 65 | 1,6 | 6,2 | 26,1 | 77,2 | 98,7 | 100,0 | | | 100,0 | 84,1 | 46,9 | 5,6 | 62,4 |
| 60 | 19,9 | 20,6 | 56,9 | 94,7 | 100,0 | | | | | 98,7 | 79,7 | 38,4 | 76,0 |
| 55 | 44,1 | 57,5 | 88,7 | 98,3 | | | | | | 100,0 | 96,4 | 74,5 | 88,4 |
| 50 | 70,7 | 89,7 | 98,7 | 100,0 | | | | | | | 99,7 | 96,0 | 96,2 |
| 45 | 91,9 | 96,8 | 100,0 | | | | | | | | 100,0 | 99,7 | 99,0 |
| 40 | 99,2 | 99,7 | | | | | | | | | | 100,0 | 99,9 |
| 35 | 100,0 | 100,0 | | | | | | | | | | | 100,0 |
| MEAN | 53,3 | 55,5 | 60,6 | 67,6 | 73,5 | 76,0 | 76,6 | 76,3 | 75,1 | 68,9 | 63,5 | 57,5 | 67,0 |
| S D | 6,186 | 5,456 | 5,171 | 4,622 | 2,753 | 2,036 | 1,771 | 1,750 | 2,208 | 4,288 | 4,854 | 4,586 | 9,269 |
| TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 372 | 4381 |

DATA PROCESSING DIVISION
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# DAILY TEMPERATURES

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 85 | | | | .3 | 2.4 | 13.1 | 22.3 | 17.8 | 6.9 | | | | 5.3 |
| 80 | | | .5 | 17.2 | 78.5 | 91.7 | 94.1 | 91.6 | 89.2 | 35.5 | 1.7 | | 41.9 |
| 75 | 1.3 | 5.0 | 20.2 | 68.3 | 97.6 | 99.2 | 100.0 | 100.0 | 100.0 | 84.1 | 37.2 | 2.7 | 59.9 |
| 70 | 14.2 | 20.4 | 52.8 | 91.9 | 99.5 | 100.0 | | | | 99.5 | 74.7 | 28.2 | 73.6 |
| 65 | 39.2 | 52.2 | 83.6 | 98.3 | 100.0 | | | | | 99.7 | 96.7 | 72.8 | 87.0 |
| 60 | 70.4 | 86.7 | 96.8 | 99.7 | | | | | | 100.0 | 100.0 | 95.4 | 95.8 |
| 55 | 93.0 | 96.2 | 99.2 | 100.0 | | | | | | | | 99.7 | 99.0 |
| 50 | 99.2 | 99.7 | 100.0 | | | | | | | | | 100.0 | 99.9 |
| 45 | 100.0 | 100.0 | | | | | | | | | | | 100.0 |
| MEAN | 62.9 | 65.0 | 69.8 | 75.8 | 81.0 | 82.4 | 83.2 | 82.9 | 82.0 | 77.7 | 72.5 | 67.0 | 75.2 |
| S D | 5.739 | 5.393 | 5.278 | 4.306 | 2.561 | 2.304 | 1.948 | 2.071 | 1.959 | 3.277 | 4.116 | 4.192 | 8.147 |
| TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 372 | 4381 |

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS)

WHOLE DEGREES FAHRENHEIT

| MONTH / YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | 84 | 85 | 90 | 89 | 94 | 92 | 92 | 93 | 92 | 92 | 87 | 80 | 94 |
| 55 | 80 | 85 | 87 | 91 | 92 | 92 | 93 | 92 | 92 | 90 | 85 | 81 | 93 |
| 56 | 80 | 79 | 88 | 89 | 91 | 95 | 94 | 94 | 92 | 90 | 86 | 81 | 95 |
| 57 | 83 | 81 | 85 | 92 | 92 | 91 | 94 | 95 | 92 | 91 | 88 | 85 | 95 |
| 58 | 88 | 83 | 90 | 92 | 92 | 91 | 94 | 92 | 93 | 91 | 88 | 85 | 94 |
| 59 | 83 | 85 | 87 | 89 | 92 | 92 | 94 | 94 | 92 | 93 | 90 | 86 | 94 |
| 60 | 85 | 84 | 88 | 93 | 94 | 94 | 94 | 93 | 92 | 91 | 91 | 81 | 94 |
| 61 | 83 | 84 | 87 | 88 | 93 | 93 | 91 | 92 | 91 | 91 | 87 | 87 | |
| 62 | 81 | 85 | 87 | 92 | 92 | 92 | 95 | 93 | 92 | 90 | 88 | 83 | 95 |
| 63 | 76 | 80 | 86 | 87 | 93 | 91 | 93 | 96 | 95 | 92 | 85 | 84 | 96 |
| 64 | 87 | 83 | 87 | 89 | 91 | 90 | 100 | 93 | 93 | 90 | 87 | 81 | |
| 65 | 80 | 84 | 84 | 90 | 90 | 92 | 91 | 92 | 93 | 89 | 87 | 84 | 93 |
| MEAN | 82.5 | 83.2 | 87.2 | 90.1 | 92.2 | 92.1 | 93.8 | 93.3 | 92.4 | 90.8 | 87.4 | 83.2 | 94.3 |
| S D | 3.344 | 2.082 | 1.834 | 1.881 | 1.193 | 1.379 | 2.340 | 1.348 | .996 | 1.115 | 1.782 | 2.329 | .949 |
| TOTAL OBS. | 372 | 339 | 341 | 360 | 372 | 360 | 372 | 341 | 360 | 372 | 360 | 372 | 4321 |

USAF ETAC FORM JUL 64 0-88-5 (OL1)

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS)

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

| MONTH / YEAR | JAN. | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | | | 87 | | | | | | | | | | MAX TEMP |
| | | | 30 | | | | | | | | | | DAYS |
| 64 | | | | | | | | 93 | | | | | MAX TEMP |
| | | | | | | | | 30 | | | | | DAYS |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

USAF ETAC FORM JUL 64 0-88-5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS)

WHOLE DEGREES FAHRENHEIT

| MONTH / YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | 50 | 43 | 47 | 62 | 70 | 74 | 72 | 72 | 68 | 63 | 53 | 45 | 43 |
| 55 | 41 | 42 | 54 | 57 | 68 | 73 | 71 | 71 | 73 | 61 | 52 | 50 | 41 |
| 56 | 44 | 49 | 47 | 60 | 69 | 70 | 73 | 73 | 71 | 62 | 48 | 50 | 44 |
| 57 | 45 | 43 | 48 | 53 | 70 | 73 | 75 | 73 | 70 | 58 | 53 | 53 | 43 |
| 58 | 45 | 39 | 51 | 60 | 67 | 67 | 73 | 72 | 69 | 57 | 53 | 51 | 39 |
| 59 | 39 | 53 | 54 | 61 | 68 | 74 | 73 | 74 | 65 | 63 | 57 | 53 | 39 |
| 60 | 44 | 47 | 54 | 53 | 63 | 72 | 75 | 73 | 72 | 58 | 58 | 44 | 44 |
| 61 | 43 | 44 | 55 | 63 | 65 | 75 | 73 | 73 | 74 | 61 | 55 | 49 | |
| 62 | 40 | 45 | 49 | 51 | 66 | 74 | 72 | 74 | 74 | 60 | 55 | 47 | 40 |
| 63 | 36 | 46 | 51 | 56 | 69 | 70 | 71 | 75 | 74 | 60 | 57 | 49 | 36 |
| 64 | 47 | 49 | 54 | 62 | 63 | 65 | 74 | 74 | 72 | 67 | 54 | 46 | |
| 65 | 45 | 52 | 54 | 61 | 65 | 71 | 75 | 73 | 69 | 63 | 57 | 49 | 45 |
| MEAN | 43.3 | 46.0 | 51.4 | 58.3 | 66.9 | 71.5 | 73.1 | 73.0 | 70.9 | 61.1 | 54.3 | 48.8 | 41.4 |
| S D | 3.769 | 4.178 | 2.994 | 4.115 | 2.503 | 3.060 | 1.443 | 1.095 | 2.811 | 2.778 | 2.807 | 2.887 | 2.875 |
| TOTAL OBS. | 372 | 339 | 341 | 360 | 372 | 360 | 372 | 341 | 360 | 372 | 360 | 372 | 4321 |

USAF ETAC FORM JUL 64 0-88-5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

| MONTH / YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | | | 55 | | | | | | | | | | MIN TEMP |
| | | | 30 | | | | | | | | | | DAYS |
| 64 | | | | | | | | 74 | | | | | MIN TEMP |
| | | | | | | | | 30 | | | | | DAYS |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

USAF ETAC FORM JUL 64 0-88-5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JAN MONTH



0000-0200 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B / W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 78/ 77 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 74/ 73 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 1 | |
| 72/ 71 | | 1.0 | .1 | | | | | | | | | | | | | | | 12 | 12 | 3 | 3 |
| 70/ 69 | .1 | .9 | | | | | | | | | | | | | | | | 11 | 11 | 13 | 9 |
| 68/ 67 | | 1.3 | .2 | .4 | | | | | | | | | | | | | | 20 | 20 | 15 | 13 |
| 66/ 65 | .2 | 2.0 | 1.0 | | .2 | .1 | | | | | | | | | | | | 47 | 47 | 14 | 12 |
| 64/ 63 | .3 | 9.6 | .6 | | | | | | | | | | | | | | | 117 | 117 | 68 | 37 |
| 62/ 61 | 1.2 | 9.3 | .5 | | | | | | | | | | | | | | | 123 | 123 | 142 | 104 |
| 60/ 59 | 1.1 | 8.7 | 2.1 | .1 | | | | | | | | | | | | | | 133 | 133 | 113 | 136 |
| 58/ 57 | 1.0 | 7.3 | 1.9 | .2 | | | | | | | | | | | | | | 115 | 115 | 116 | 110 |
| 56/ 55 | 1.2 | 9.4 | 2.2 | .6 | | | | | | | | | | | | | | 149 | 149 | 128 | 110 |
| 54/ 53 | .6 | 4.1 | 2.2 | .1 | | | | | | | | | | | | | | 79 | 79 | 120 | 116 |
| 52/ 51 | | 4.0 | 3.2 | .7 | .4 | | | | | | | | | | | | | 93 | 93 | 61 | 89 |
| 50/ 49 | | 3.9 | 3.4 | .8 | | | | | | | | | | | | | | 90 | 90 | 62 | 54 |
| 48/ 47 | | 2.0 | 2.2 | .5 | .4 | .3 | | | | | | | | | | | | 59 | 59 | 87 | 67 |
| 46/ 45 | | 1.1 | 1.5 | 1.0 | .1 | | | | | | | | | | | | | 41 | 43 | 58 | 68 |
| 44/ 43 | | .5 | .6 | | | | | | | | | | | | | | | 13 | 13 | 51 | 46 |
| 42/ 41 | | .3 | .2 | .1 | | | | | | | | | | | | | | 6 | 6 | 22 | 44 |
| 40/ 39 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 25 | 32 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 5 | 23 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 20 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 10 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 4 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 3 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.6 | 66.4 | 22.1 | 4.5 | 1.1 | .4 | | | | | | | | | | | | 1114 | 1116 | 1114 | 1114 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | < 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 0539327 | 97071 | 87.0 | 9.278 | 1116 | | | | | | | |
| Dry Bulb | 3629309 | 63255 | 56.7 | 6.282 | 1116 | | | 3.9 | .3 | | | 93 |
| Wet Bulb | 3374874 | 60828 | 54.6 | 6.931 | 1114 | | | 2.7 | .1 | | | 93 |
| Dew Point | 3181935 | 58847 | 52.8 | 8.118 | 1114 | | .9 | 2.1 | | | | 93 |

FORM 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JAN MONTH

PAGE 1 | 0300-0500 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B/W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 73 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | | |
| 72/ 71 | | .4 | .2 | | | | | | | | | | | | | | | 6 | 6 | 5 | 4 |
| 70/ 69 | | .4 | | | | | | | | | | | | | | | | 5 | 5 | 3 | 2 |
| 68/ 67 | .1 | 1.3 | | .1 | | | | | | | | | | | | | | 16 | 16 | 11 | 9 |
| 66/ 65 | .4 | 2.7 | .6 | .3 | .1 | | | | | | | | | | | | | 45 | 45 | 17 | 18 |
| 64/ 63 | 1.3 | 5.5 | .6 | .1 | | | | | | | | | | | | | | 83 | 83 | 56 | 38 |
| 62/ 61 | 1.4 | 7.5 | .4 | | | | | | | | | | | | | | | 104 | 104 | 112 | 82 |
| 60/ 59 | 1.9 | 9.4 | .9 | | | | | | | | | | | | | | | 136 | 136 | 107 | 116 |
| 58/ 57 | 1.6 | 7.3 | .9 | .1 | | | | | | | | | | | | | | 110 | 110 | 119 | 121 |
| 56/ 55 | 1.3 | 9.3 | 2.3 | | | | | | | | | | | | | | | 143 | 145 | 109 | 102 |
| 54/ 53 | 1.5 | 7.0 | 1.3 | .2 | | | | | | | | | | | | | | 112 | 112 | 129 | 110 |
| 52/ 51 | .6 | 4.0 | 1.6 | .4 | .2 | .4 | | | | | | | | | | | | 79 | 79 | 97 | 103 |
| 50/ 49 | .5 | 4.9 | 1.8 | .6 | .1 | .1 | .1 | | | | | | | | | | | 93 | 93 | 67 | 87 |
| 48/ 47 | .2 | 3.7 | 2.7 | .7 | .2 | .2 | | | | | | | | | | | | 85 | 85 | 69 | 51 |
| 46/ 45 | .1 | 1.8 | 1.7 | .2 | .1 | .2 | | | | | | | | | | | | 45 | 48 | 72 | 60 |
| 44/ 43 | | 1.2 | .8 | .1 | .1 | | | | | | | | | | | | | 32 | 32 | 56 | 48 |
| 42/ 41 | | .1 | .3 | | | | | | | | | | | | | | | 4 | 4 | 53 | 43 |
| 40/ 39 | | .4 | .4 | | | | | | | | | | | | | | | 8 | 8 | 13 | 44 |
| 38/ 37 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 12 | 32 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 12 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 2 | 13 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 4 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 3 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 3 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 3 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 11.0 | 67.7 | 16.0 | 2.9 | .7 | .8 | .1 | | | | | | | | | | | 1113 | 1116 | 1113 | 1113 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | N Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8621330 | 98600 | 88.4 | 9.923 | 1116 | | | | | | | |
| Dry Bulb | 3486574 | 61970 | 55.5 | 6.365 | 1116 | | | 2.5 | .3 | | | 93 |
| Wet Bulb | 3267273 | 59795 | 53.7 | 7.022 | 1113 | | | 1.6 | | | | 93 |
| Dew Point | 3099440 | 57994 | 52.1 | 8.354 | 1113 | | 1.5 | 1.3 | | | | 93 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JAN MONTH

PAGE 1 | 0600-0800 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B/W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 71 | | .4 | .2 | | | | | | | | | | | | | | | 6 | 6 | | |
| 70/ 69 | .1 | .4 | .2 | | | | | | | | | | | | | | | 7 | 7 | 7 | 4 |
| 68/ 67 | | 1.1 | .1 | | | | | | | | | | | | | | | 13 | 14 | 7 | 6 |
| 66/ 65 | .8 | 2.2 | .4 | .2 | | | | | | | | | | | | | | 40 | 40 | 22 | 22 |
| 64/ 63 | 1.3 | 5.2 | .6 | .1 | | | | | | | | | | | | | | 81 | 81 | 53 | 40 |
| 62/ 61 | 2.1 | 6.2 | 1.2 | .1 | | | | | | | | | | | | | | 106 | 106 | 101 | 80 |
| 60/ 59 | 1.8 | 7.2 | 1.1 | | | | | | | | | | | | | | | 112 | 112 | 95 | 97 |
| 58/ 57 | 3.0 | 8.2 | 1.5 | .3 | | | | | | | | | | | | | | 144 | 144 | 131 | 121 |
| 56/ 55 | .7 | 7.1 | 2.6 | .4 | | | | | | | | | | | | | | 120 | 120 | 102 | 96 |
| 54/ 53 | 1.0 | 7.6 | 1.3 | .4 | .1 | | | | | | | | | | | | | 115 | 115 | 111 | 88 |
| 52/ 51 | 1.2 | 4.5 | 2.2 | .6 | .2 | .1 | | | | | | | | | | | | 97 | 97 | 126 | 119 |
| 50/ 49 | .2 | 4.1 | 3.0 | .5 | .4 | | | | | | | | | | | | | 91 | 91 | 69 | 101 |
| 48/ 47 | .1 | 3.0 | 2.6 | 1.0 | .1 | .4 | | | | | | | | | | | | 79 | 80 | 75 | 54 |
| 46/ 45 | .1 | 2.2 | 2.2 | .3 | | .2 | | | | | | | | | | | | 55 | 57 | 73 | 50 |
| 44/ 43 | | 1.2 | 1.4 | | | | | | | | | | | | | | | 29 | 29 | 55 | 59 |
| 42/ 41 | | .4 | .3 | .2 | | | | | | | | | | | | | | 9 | 9 | 53 | 59 |
| 40/ 39 | | .2 | 1 | .1 | | | | | | | | | | | | | | 4 | 4 | 14 | 29 |
| 38/ 37 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 12 | 44 |
| 36/ 35 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 4 | 13 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 2 | 9 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 9 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 5 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 |
| 16/ 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 12.3 | 61.1 | 21.2 | 4.0 | .7 | .6 | | | | | | | | | | | | | 1116 | | 1111 |
| | | | | | | | | | | | | | | | | | | 1112 | | 1112 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8738115 | 98107 | 87.9 | 10.093 | 1116 | | | | | | | |
| Dry Bulb | 3455357 | 61697 | 55.3 | 6.317 | 1116 | | | 2.3 | | | | 93 |
| Wet Bulb | 3224177 | 59373 | 53.4 | 6.977 | 1112 | | | 1.2 | | | | 93 |
| Dew Point | 3048049 | 57457 | 51.7 | 8.308 | 1111 | | 1.7 | .8 | | | | 93 |

USAF-ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JAN (MONTH)

PAGE 1 0900-1100 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | | .1 | .1 | | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | | | .1 | .4 | .2 | .1 | | | | | | | | | | | 8 | 8 | | |
| 78/ 77 | | | | .4 | .6 | | .2 | .2 | | | | | | | | | | 15 | 15 | | |
| 76/ 75 | | | .2 | .7 | .6 | .9 | .4 | | | | | | | | | | | 32 | 32 | | |
| 74/ 73 | | | .5 | 1.0 | .4 | 1.0 | .2 | .1 | | | | | | | | | | 35 | 35 | 6 | |
| 72/ 71 | | .1 | .9 | 1.6 | 1.3 | .9 | .2 | .1 | | | | | | | | | | 57 | 57 | 13 | 1 |
| 70/ 69 | | .2 | 2.0 | 3.1 | 1.8 | .6 | .1 | | | | | | | | | | | 87 | 87 | 27 | 12 |
| 68/ 67 | | .7 | 3.9 | 2.3 | 1.6 | .6 | .4 | .3 | | | | | | | | | | 112 | 112 | 36 | 26 |
| 66/ 65 | .1 | 2.1 | 2.2 | 3.0 | 1.3 | .8 | .4 | .2 | .1 | | | | | | | | | 116 | 116 | 81 | 24 |
| 64/ 63 | .2 | 2.1 | 3.6 | 2.2 | 1.6 | .8 | .2 | .1 | | | | | | | | | | 120 | 120 | 128 | 74 |
| 62/ 61 | .4 | 2.5 | 2.7 | 2.4 | 1.7 | .7 | .3 | .2 | | | | | | | | | | 122 | 122 | 122 | 106 |
| 60/ 59 | .4 | 2.2 | 3.0 | 1.5 | 1.3 | .8 | .4 | .1 | .1 | | | | | | | | | 107 | 107 | 136 | 108 |
| 58/ 57 | .1 | 1.8 | 3.7 | 1.8 | 1.1 | .3 | .2 | .1 | | | | | | | | | | 93 | 93 | 111 | 117 |
| 56/ 55 | .2 | 1.3 | 1.6 | 2.1 | 1.2 | .2 | .2 | | | | | | | | | | | 74 | 74 | 107 | 124 |
| 54/ 53 | | .9 | 2.2 | 1.5 | .7 | .2 | .1 | | | | | | | | | | | 62 | 62 | 98 | 81 |
| 52/ 51 | .1 | .8 | 1.2 | 1.2 | .2 | | .1 | | | | | | | | | | | 39 | 39 | 73 | 101 |
| 50/ 49 | | .3 | .7 | 1.0 | .2 | | | | | | | | | | | | | 24 | 24 | 67 | 65 |
| 48/ 47 | | | .4 | .2 | | | | | | | | | | | | | | 6 | 6 | 52 | 63 |
| 46/ 45 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 40 | 52 |
| 44/ 43 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 14 | 51 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 5 | 39 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 32 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 12 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 14 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 4 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 3 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.4 | 14.4 | 28.7 | 26.3 | 16.1 | 8.2 | 3.4 | 1.3 | .2 | | | | | | | | | 1116 | 1116 | 1116 | 1116 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6114219 | 81321 | 72.9 | 13.002 | 1116 | | | | | | | |
| Dry Bulb | 4475388 | 70258 | 63.0 | 6.848 | 1116 | | | 29.1 | 7.8 | .9 | | 93 |
| Wet Bulb | 3767561 | 64433 | 57.7 | 6.525 | 1116 | | | 6.8 | .5 | | | 93 |
| Dew Point | 3303801 | 60059 | 53.8 | 8.016 | 1116 | | 1.0 | 3.3 | | | | 93 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JAN MONTH

PAGE 1 | 1200-1400 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | | .1 | .1 | | | | | | | | | | | 2 | 2 | | |
| 86/ 85 | | | | | | .2 | .1 | .1 | | | | | | | | | | 4 | 4 | | |
| 84/ 83 | | | | | .3 | .3 | .3 | | | | | | | | | | | 9 | 9 | | |
| 82/ 81 | | | | .1 | .6 | 1.0 | .2 | .3 | | | | | | | | | | 24 | 24 | | |
| 80/ 79 | | | | .2 | 1.0 | 1.0 | .7 | .4 | .1 | .1 | | | | | | | | 38 | 38 | | |
| 78/ 77 | | | .1 | .7 | 3.3 | 2.3 | 1.9 | .6 | | | | | | | | | | 100 | 100 | 2 | |
| 76/ 75 | | | | 1.2 | 2.9 | 4.1 | 1.4 | .6 | .3 | | | | | | | | | 117 | 117 | 7 | |
| 74/ 73 | | | | 2.5 | 2.8 | 3.4 | 1.9 | .6 | .2 | | | | | | | | | 127 | 127 | 19 | 3 |
| 72/ 71 | | .1 | .9 | 1.4 | 3.8 | 2.5 | 2.3 | .7 | .5 | | | | | | | | | 137 | 137 | 38 | 11 |
| 70/ 69 | | .4 | .4 | .8 | 3.0 | 2.8 | 1.5 | .7 | .2 | .2 | | | | | | | | 112 | 112 | 73 | 25 |
| 68/ 67 | | .4 | .5 | 2.2 | 2.8 | 3.1 | 1.2 | .5 | .2 | .1 | | | | | | | | 121 | 121 | 124 | 46 |
| 66/ 65 | | .4 | .6 | 1.8 | 2.7 | 2.5 | 1.3 | .4 | .1 | | | | | | | | | 109 | 109 | 134 | 59 |
| 64/ 63 | .2 | .6 | .4 | 1.3 | 1.6 | .9 | .6 | .4 | .3 | .1 | | | | | | | | 72 | 72 | 122 | 94 |
| 62/ 61 | | .1 | .6 | .8 | .9 | .6 | .2 | .2 | .1 | | | | | | | | | 39 | 39 | 120 | 110 |
| 60/ 59 | | | .9 | 1.7 | .4 | .2 | .2 | .1 | | | | | | | | | | 39 | 39 | 123 | 118 |
| 58/ 57 | | .9 | 1.0 | 1.0 | .3 | | .1 | | | | | | | | | | | 36 | 36 | 125 | 94 |
| 56/ 55 | | .3 | .4 | .3 | .3 | | | | | | | | | | | | | 14 | 14 | 80 | 110 |
| 54/ 53 | | .3 | | .4 | .1 | | | | | | | | | | | | | 8 | 8 | 74 | 96 |
| 52/ 51 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 40 | 88 |
| 50/ 49 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 11 | 88 |
| 48/ 47 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 13 | 53 |
| 46/ 45 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 11 | 37 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 30 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 18 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 16 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 5 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 7 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .2 | 3.6 | 6.1 | 16.6 | 26.7 | 24.9 | 14.0 | 5.6 | 1.9 | .4 | | | | | | | | 1116 | 1116 | 1116 | 1116 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 4469212 | 69312 | 62.1 | 12.143 | 1116 |
| Dry Bulb | 5501435 | 78013 | 69.9 | 6.562 | 1116 |
| Wet Bulb | 4276835 | 68755 | 61.6 | 6.060 | 1116 |
| Dew Point | 3572122 | 62542 | 56.0 | 7.763 | 1116 |

Mean No of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 65.9 | 35.1 | 4.8 | | 93 |
| Wet Bulb | | | 21.9 | 2.3 | | | 93 |
| Dew Point | | .9 | 7.1 | .3 | | | 93 |

USAF-ETAC FORM 0-26.5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JAN MONTH



1500-1700 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B / W B | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | .1 | .2 | | | | | | | | | | | | 3 | 3 | | |
| 84/ 83 | | | | | .4 | .3 | .1 | | | | | | | | | | | 9 | 9 | | |
| 82/ 81 | | | .1 | .2 | .6 | .2 | .2 | | | | | | | | | | | 14 | 14 | | |
| 80/ 79 | | | .1 | .2 | .5 | .7 | .7 | .2 | .3 | | | | | | | | | 30 | 30 | | |
| 78/ 77 | | | | .5 | 2.8 | 1.8 | 1.1 | .1 | .1 | | | | | | | | | 82 | 82 | 2 | |
| 76/ 75 | | | .1 | 2.1 | 3.9 | 2.7 | .8 | | .2 | | | | | | | | | 106 | 108 | 12 | 1 |
| 74/ 73 | | | .2 | 3.2 | 3.3 | 3.0 | .9 | .4 | .1 | | .1 | | | | | | | 126 | 126 | 12 | 7 |
| 72/ 71 | | .3 | 1.0 | 2.3 | 4.0 | 2.0 | 1.0 | .4 | | .1 | | | | | | | | 123 | 123 | 25 | 11 |
| 70/ 69 | | .2 | 1.5 | 2.4 | 3.0 | 2.2 | 1.2 | .3 | .2 | .1 | | | | | | | | 123 | 123 | 94 | 16 |
| 68/ 67 | | .2 | .7 | 3.0 | 3.1 | 2.7 | .6 | .5 | | | | | | | | | | 121 | 121 | 126 | 45 |
| 66/ 65 | | .8 | 1.1 | 2.8 | 3.9 | 1.0 | 1.1 | .4 | .2 | | | | | | | | | 125 | 125 | 138 | 88 |
| 64/ 63 | .2 | .4 | .4 | 1.6 | 1.1 | .5 | .5 | .4 | .1 | | | | | | | | | 59 | 59 | 12* | 103 |
| 62/ 61 | .1 | .1 | 1.1 | 2.1 | 1.5 | .5 | .4 | .2 | | | | | | | | | | 66 | 66 | 114 | 114 |
| 60/ 59 | | .4 | 1.0 | 1.3 | 1.3 | .4 | | .2 | | | | | | | | | | 50 | 50 | 115 | 116 |
| 58/ 57 | .1 | .8 | 1.1 | 1.4 | .4 | | .1 | | | | | | | | | | | 43 | 43 | 11? | 100 |
| 56/ 55 | | .2 | .4 | .5 | .1 | | .1 | | | | | | | | | | | 15 | 15 | 92 | 97 |
| 54/ 53 | | .1 | .3 | .3 | .2 | | | | | | | | | | | | | 9 | 9 | 58 | 105 |
| 52/ 51 | | .1 | .2 | .3 | | | | | | | | | | | | | | 6 | 6 | 40 | 94 |
| 50/ 49 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 31 | 69 |
| 48/ 47 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 7 | 41 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 9 | 33 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 1 | 25 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 15 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 18 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 6 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 4 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 5 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | 3.5 | 9.6 | 24.1 | 31.2 | 18.2 | 8.7 | 3.0 | 1.1 | .2 | .1 | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4903096 | 72856 | 65.3 | 11.475 | 1116 | | | | | | | |
| Dry Bulb | 5372454 | 77088 | 69.1 | 6.532 | 1116 | | | 61.6 | 31.0 | 3.4 | | 93 |
| Wet Bulb | 4282867 | 68799 | 61.6 | 6.105 | 1116 | | | 22.6 | 2.2 | | | 93 |
| Dew Point | 3649252 | 63250 | 56.7 | 7.607 | 1116 | | .3 | 6.7 | .7 | | | 93 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JAN MONTH

PAGE 1 | 1800-2000 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | .3 | .1 | .2 | | | | | | | | | | | | | | 6 | 6 | | |
| 76/ 75 | | .1 | .5 | .6 | | .1 | | | | | | | | | | | | 15 | 15 | 5 | 2 |
| 74/ 73 | | .2 | .7 | .7 | .2 | | | | | | | | | | | | | 21 | 21 | 2 | 4 |
| 72/ 71 | | .4 | 1.4 | 1.8 | .4 | | | | | | | | | | | | | 44 | 44 | 17 | 4 |
| 70/ 69 | | .7 | 3.7 | 2.5 | .2 | .2 | | | | | | | | | | | | 81 | 81 | 18 | 15 |
| 68/ 67 | | 1.4 | 5.8 | 2.7 | .4 | .1 | .1 | | | | | | | | | | | 118 | 118 | 42 | 17 |
| 66/ 65 | .1 | 3.9 | 4.8 | 2.5 | .3 | .1 | | | | | | | | | | | | 129 | 129 | 97 | 44 |
| 64/ 63 | | 2.5 | 5.4 | 2.2 | .8 | .3 | .1 | | | | | | | | | | | 125 | 125 | 129 | 92 |
| 62/ 61 | .1 | 3.0 | 4.5 | 2.4 | .7 | .2 | | | | | | | | | | | | 121 | 121 | 111 | 131 |
| 60/ 59 | .2 | 2.4 | 4.8 | 3.0 | .6 | .1 | | | | | | | | | | | | 123 | 123 | 128 | 109 |
| 58/ 57 | .1 | 1.3 | 3.5 | 2.5 | .9 | .4 | .1 | | | | | | | | | | | 98 | 98 | 108 | 114 |
| 56/ 55 | | 1.2 | 3.9 | 2.9 | .4 | .2 | | | | | | | | | | | | 95 | 95 | 117 | 98 |
| 54/ 53 | | 1.2 | 2.6 | 1.5 | .6 | | | | | | | | | | | | | 66 | 66 | 87 | 90 |
| 52/ 51 | | .3 | 1.3 | 1.3 | .5 | | | | | | | | | | | | | 38 | 39 | 82 | 78 |
| 50/ 49 | | .1 | 1.3 | .5 | .1 | | | | | | | | | | | | | 22 | 22 | 73 | 90 |
| 48/ 47 | | .2 | .6 | .1 | | | | | | | | | | | | | | 10 | 10 | 42 | 61 |
| 46/ 45 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 34 | 46 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 13 | 43 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 3 | 29 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 24 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 13 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 10 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | 18.9 | 45.0 | 27.4 | 6.3 | 1.6 | .3 | | | | | | | | | | | 1115 | 1116 | 1115 | 1115 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6869552 | 86916 | 77.9 | 9.488 | 1116 | | | | | | | |
| Dry Bulb | 4338077 | 69235 | 62.0 | 6.198 | 1116 | | | 23.8 | 3.6 | | | 93 |
| Wet Bulb | 3799413 | 64685 | 58.0 | 6.482 | 1115 | | | 7.0 | .6 | | | 93 |
| Dew Point | 3440976 | 61350 | 55.0 | 7.659 | 1115 | | | 3.5 | .5 | | | 93 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JAN MONTH

PAGE 1 | 2100-2300 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76/ 75 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | | |
| 74/ 73 | | .4 | .3 | .1 | | | | | | | | | | | | | | 8 | 8 | 4 | 1 |
| 72/ 71 | | .6 | .4 | | | | | | | | | | | | | | | 12 | 12 | 5 | 5 |
| 70/ 69 | | 1.2 | .6 | .2 | | | | | | | | | | | | | | 20 | 20 | 14 | 9 |
| 68/ 67 | | 1.2 | 1.5 | .2 | | .1 | | | | | | | | | | | | 33 | 33 | 15 | 16 |
| 66/ 65 | | 7.9 | 1.2 | .2 | | .2 | | | | | | | | | | | | 105 | 105 | 27 | 17 |
| 64/ 63 | .2 | 9.1 | 2.0 | .1 | | | | | | | | | | | | | | 126 | 126 | 121 | 57 |
| 62/ 61 | | 8.3 | 1.7 | .4 | | | | | | | | | | | | | | 116 | 116 | 122 | 131 |
| 60/ 59 | .3 | 7.7 | 4.3 | .5 | | | | | | | | | | | | | | 146 | 146 | 122 | 112 |
| 58/ 57 | .3 | 6.5 | 4.4 | .9 | | | | | | | | | | | | | | 134 | 134 | 113 | 98 |
| 56/ 55 | | 4.2 | 4.3 | 1.3 | .1 | .1 | | | | | | | | | | | | 112 | 112 | 139 | 124 |
| 54/ 53 | .1 | 1.5 | 4.6 | .4 | .1 | | | | | | | | | | | | | 75 | 75 | 87 | 100 |
| 52/ 51 | | 2.7 | 4.3 | 1.7 | .1 | .2 | | | | | | | | | | | | 100 | 100 | 64 | 84 |
| 50/ 49 | | 1.3 | 2.8 | 1.8 | .2 | | | | | | | | | | | | | 67 | 68 | 97 | 63 |
| 48/ 47 | | .4 | 1.6 | .4 | .3 | | | | | | | | | | | | | 31 | 31 | 67 | 75 |
| 46/ 45 | | .2 | 1.3 | .3 | | | | | | | | | | | | | | 20 | 20 | 57 | 60 |
| 44/ 43 | | .1 | .3 | .2 | | | | | | | | | | | | | | 6 | 6 | 32 | 44 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 22 | 42 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 6 | 38 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | 19 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 6 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 9 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.1 | 53.5 | 35.5 | 8.7 | .7 | .5 | | | | | | | | | | | | 1115 | 1116 | 1115 | 1115 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 7963753 | 93767 | 84.0 | 8.751 | 1116 | | | | | | | |
| Dry Bulb | 3845003 | 65157 | 58.4 | 6.053 | 1116 | | | 6.4 | 1.0 | | | 93 |
| Wet Bulb | 3516438 | 62170 | 55.8 | 6.698 | 1119 | | | 3.2 | .3 | | | 93 |
| Dew Point | 3270046 | 59744 | 53.6 | 7.061 | 1115 | | .4 | 2.6 | .1 | | | 93 |

USAF-ETAC FORM 0-26-5 (OL1) APR 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JAN (MONTH)



ALL (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | | .0 | .0 | | | | | | | | | | | 2 | 2 | | |
| 86/ 85 | | | | | .0 | .0 | .0 | .0 | | | | | | | | | | 7 | 7 | | |
| 84/ 83 | | | | | .1 | .1 | .0 | | | | | | | | | | | 19 | 19 | | |
| 82/ 81 | | | .0 | .0 | .2 | .2 | .1 | .0 | | | | | | | | | | 40 | 40 | | |
| 80/ 79 | | | .0 | .1 | .2 | .2 | .2 | .1 | .0 | .0 | | | | | | | | 77 | 77 | | |
| 78/ 77 | | .0 | .0 | .2 | 1.0 | .5 | .4 | .1 | .0 | | | | | | | | | 204 | 204 | 4 | |
| 76/ 75 | | .0 | .1 | .6 | .9 | 1.0 | .3 | .1 | .1 | | | | | | | | | 276 | 276 | 24 | 3 |
| 74/ 73 | | .1 | .2 | .9 | .8 | .9 | .4 | .1 | .0 | | .0 | | | | | | | 323 | 323 | 44 | 15 |
| 72/ 71 | | .4 | .6 | .9 | 1.2 | .7 | .4 | .1 | .1 | .0 | | | | | | | | 397 | 397 | 106 | 39 |
| 70/ 69 | .0 | .5 | 1.0 | 1.1 | 1.0 | .7 | .3 | .1 | .0 | .0 | | | | | | | | 446 | 446 | 249 | 92 |
| 68/ 67 | .0 | .9 | 1.6 | 1.4 | 1.0 | .8 | .3 | .2 | .0 | .0 | | | | | | | | 554 | 555 | 376 | 198 |
| 66/ 65 | .2 | 2.8 | 1.9 | 1.3 | 1.1 | .6 | .4 | .1 | .0 | | | | | | | | | 716 | 716 | 530 | 284 |
| 64/ 63 | .4 | 4.4 | 1.7 | 1.0 | .6 | .3 | .2 | .1 | .0 | .0 | | | | | | | | 783 | 783 | 804 | 535 |
| 62/ 61 | .7 | 4.6 | 1.6 | 1.0 | .6 | .3 | .1 | .1 | .0 | | | | | | | | | 797 | 797 | 951 | 858 |
| 60/ 59 | .7 | 4.8 | 2.2 | 1.0 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | 846 | 846 | 939 | 912 |
| 58/ 57 | .8 | 4.2 | 2.2 | 1.0 | .3 | .1 | .1 | .0 | | | | | | | | | | 773 | 773 | 940 | 875 |
| 56/ 55 | .4 | 4.1 | 2.2 | 1.0 | .3 | .1 | .0 | | | | | | | | | | | 724 | 724 | 870 | 861 |
| 54/ 53 | .4 | 2.8 | 1.8 | .6 | .2 | .0 | .0 | | | | | | | | | | | 526 | 526 | 762 | 786 |
| 52/ 51 | .2 | 2.0 | 1.7 | .8 | .2 | .1 | .0 | | | | | | | | | | | 454 | 455 | 583 | 756 |
| 50/ 49 | .1 | 1.8 | 1.6 | .7 | .1 | .0 | .0 | | | | | | | | | | | 392 | 393 | 497 | 617 |
| 48/ 47 | .0 | 1.2 | 1.3 | .4 | .1 | .1 | | | | | | | | | | | | 273 | 274 | 405 | 465 |
| 46/ 45 | .0 | .7 | .9 | .2 | .0 | .0 | | | | | | | | | | | | 168 | 175 | 354 | 406 |
| 44/ 43 | | .5 | .4 | .0 | .0 | | | | | | | | | | | | | 81 | 81 | 222 | 346 |
| 42/ 41 | | .1 | .1 | .0 | | | | | | | | | | | | | | 19 | 19 | 157 | 289 |
| 40/ 39 | | .1 | .1 | .0 | | | | | | | | | | | | | | 14 | 14 | 59 | 233 |
| 38/ 37 | | .0 | .0 | | | | | | | | | | | | | | | 4 | 4 | 30 | 154 |
| 36/ 35 | | | .0 | | | | | | | | | | | | | | | 2 | 2 | 7 | 81 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 4 | 51 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 32 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 19 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 5 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 10 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 6 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 5 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JAN MONTH

PAGE 2 | ALL HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 4.0 | 36.1 | 23.1 | 14.3 | 10.5 | 6.9 | 3.3 | 1.2 | .4 | .1 | .0 | | | | | | | | 8928 | | 8916 |
| | | | | | | | | | | | | | | | | | | 8917 | | 8917 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 56418604 | 697950 | 78.2 | 14.419 | 8928 | | | | | | | |
| Dry Bulb | 34103593 | 546673 | 61.2 | 8.401 | 8928 | | | 195.5 | 79.0 | 9.2 | | 744 |
| Wet Bulb | 29509438 | 508838 | 57.1 | 7.285 | 8917 | | | 67.0 | 6.0 | | | 744 |
| Dew Point | 26565621 | 481243 | 54.0 | 8.138 | 8916 | | 6.7 | 27.3 | 1.2 | | | 744 |

USAF ETAC FORM AWS 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

PAGE 1 0000-0200 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76/ 75 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | |
| 74/ 73 | | .2 | .8 | | | | | | | | | | | | | | | 10 | 10 | 2 | |
| 72/ 71 | .4 | 2.1 | .8 | | | | | | | | | | | | | | | 33 | 33 | 14 | 11 |
| 70/ 69 | .1 | 1.6 | .6 | | | | | | | | | | | | | | | 23 | 23 | 27 | 22 |
| 68/ 67 | | 2.7 | 1.2 | .1 | | | | | | | | | | | | | | 40 | 40 | 23 | 18 |
| 66/ 65 | .2 | 3.7 | .4 | | | | | | | | | | | | | | | 44 | 44 | 36 | 36 |
| 64/ 63 | .2 | 4.0 | 1.4 | .4 | | | | | | | | | | | | | | 61 | 61 | 55 | 44 |
| 62/ 61 | .4 | 8.2 | 1.3 | .1 | | | | | | | | | | | | | | 101 | 101 | 69 | 63 |
| 60/ 59 | 1.9 | 11.0 | 2.2 | .3 | | | | | | | | | | | | | | 156 | 156 | 130 | 94 |
| 58/ 57 | 1.2 | 9.6 | 4.1 | .3 | | | | | | | | | | | | | | 155 | 155 | 129 | 130 |
| 56/ 55 | 1.0 | 10.9 | 3.6 | .3 | .2 | | | | | | | | | | | | | 163 | 163 | 165 | 148 |
| 54/ 53 | .7 | 5.9 | 2.9 | .9 | .1 | | | | | | | | | | | | | 106 | 106 | 130 | 125 |
| 52/ 51 | .1 | 3.9 | 1.4 | .2 | .2 | .2 | | | | | | | | | | | | 61 | 61 | 89 | 95 |
| 50/ 49 | | 1.8 | 1.2 | .2 | | .1 | | | | | | | | | | | | 33 | 33 | 64 | 89 |
| 48/ 47 | | .2 | .4 | | .1 | | .1 | | | | | | | | | | | 8 | 8 | 38 | 53 |
| 46/ 45 | | .9 | .2 | .1 | | .2 | | | | | | | | | | | | 14 | 14 | 17 | 26 |
| 44/ 43 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 15 | 21 |
| 42/ 41 | | .2 | | | | | | | | | | | | | | | | 2 | 3 | 5 | 16 |
| 40/ 39 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 11 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 2 | 7 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 6.1 | 67.6 | 22.3 | 2.9 | .6 | .5 | .1 | | | | | | | | | | | | 1017 | | 1017 |
| | | | | | | | | | | | | | | | | | | 1017 | | 1017 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8010608 | 89880 | 88.4 | 8.135 | 1017 | | | | | | | |
| Dry Bulb | 3517607 | 59521 | 58.5 | 5.791 | 1017 | | | 8.9 | 1.0 | | | 84 |
| Wet Bulb | 3288313 | 57493 | 56.5 | 6.125 | 1017 | | | 5.5 | .2 | | | 84 |
| Dew Point | 3131275 | 55979 | 55.0 | 7.018 | 1017 | | .6 | 4.2 | | | | 84 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

PAGE 1 0300-0500 (HOURS L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 73 | | | .4 | | | | | | | | | | | | | | | 2 | 2 | | |
| 72/ 71 | | 1.3 | .2 | | | | | | | | | | | | | | | 15 | 15 | 2 | 2 |
| 70/ 69 | .1 | 3.0 | .2 | | | | | | | | | | | | | | | 34 | 34 | 19 | 15 |
| 68/ 67 | | 2.2 | .5 | | | | | | | | | | | | | | | 27 | 27 | 35 | 29 |
| 66/ 65 | .5 | 3.9 | .1 | | | | | | | | | | | | | | | 46 | 46 | 28 | 32 |
| 64/ 63 | .3 | 4.7 | .5 | | | | | | | | | | | | | | | 56 | 56 | 60 | 45 |
| 62/ 61 | 1.0 | 5.0 | 1.4 | | .1 | | | | | | | | | | | | | 76 | 76 | 58 | 55 |
| 60/ 59 | 1.6 | 11.5 | 1.1 | | .1 | | | | | | | | | | | | | 145 | 145 | 101 | 79 |
| 58/ 57 | 2.2 | 9.4 | 2.8 | .1 | | | | | | | | | | | | | | 147 | 147 | 142 | 123 |
| 56/ 55 | 1.7 | 13.6 | 1.3 | .1 | | .1 | | | | | | | | | | | | 170 | 170 | 151 | 139 |
| 54/ 53 | .7 | 8.0 | 3.5 | .7 | .2 | | | | | | | | | | | | | 133 | 133 | 141 | 142 |
| 52/ 51 | .7 | 4.4 | .8 | .2 | .4 | | | | | | | | | | | | | 66 | 66 | 100 | 99 |
| 50/ 49 | | 3.2 | 1.6 | .3 | .3 | | | | | | | | | | | | | 55 | 55 | 78 | 89 |
| 48/ 47 | | 1.0 | .5 | .2 | .1 | | | | | | | | | | | | | 18 | 18 | 40 | 65 |
| 46/ 45 | | .8 | .1 | .1 | .3 | | | | | | | | | | | | | 13 | 13 | 22 | 32 |
| 44/ 43 | | .9 | .1 | | | | | | | | | | | | | | | 10 | 10 | 20 | 20 |
| 42/ 41 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 12 | 19 |
| 40/ 39 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 2 | 10 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 6 | 6 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 7 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 5 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 8.7 | 73.3 | 14.8 | 1.7 | 1.5 | .1 | | | | | | | | | | | | | 1017 | | 1017 |
| | | | | | | | | | | | | | | | | | | 1017 | | 1017 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6269884 | 91366 | 89.8 | 7.791 | 1017 | | | | | | | |
| Dry Bulb | 3396024 | 58482 | 57.5 | 5.703 | 1017 | | | 6.4 | .2 | | | 84 |
| Wet Bulb | 3199652 | 56706 | 55.8 | 6.084 | 1017 | | | 4.6 | | | | 84 |
| Dew Point | 3065706 | 55398 | 54.5 | 6.878 | 1017 | | .3 | 3.8 | | | | 84 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | FEB MONTH

PAGE 1 | 0h00-0800 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D B / W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 71 | | .9 | .4 | | | | | | | | | | | | | | | 13 | 13 | 1 | |
| 70/ 69 | .1 | 2.0 | .6 | .1 | | | | | | | | | | | | | | 28 | 28 | 17 | 15 |
| 68/ 67 | .1 | 2.6 | 1.0 | | | | | | | | | | | | | | | 37 | 37 | 51 | 20 |
| 66/ 65 | .3 | 2.5 | .6 | .2 | | | | | | | | | | | | | | 38 | 38 | 30 | 31 |
| 64/ 63 | .6 | 4.4 | 1.0 | .2 | | | | | | | | | | | | | | 67 | 67 | 50 | 41 |
| 62/ 61 | 1.5 | 6.1 | .9 | | .1 | | | | | | | | | | | | | 87 | 87 | 75 | 63 |
| 60/ 59 | 1.8 | 9.3 | 1.8 | .1 | .1 | | | | | | | | | | | | | 133 | 133 | 97 | 89 |
| 58/ 57 | 2.0 | 9.7 | 2.7 | .4 | | | | | | | | | | | | | | 150 | 150 | 140 | 111 |
| 56/ 55 | 2.8 | 11.7 | 2.8 | .2 | | .3 | | | | | | | | | | | | 180 | 180 | 151 | 144 |
| 54/ 53 | .7 | 7.4 | 2.1 | .3 | .2 | .2 | | | | | | | | | | | | 110 | 110 | 146 | 132 |
| 52/ 51 | .8 | 4.2 | 1.3 | .5 | | | | | | | | | | | | | | 69 | 69 | 94 | 118 |
| 50/ 49 | .4 | 3.4 | .9 | .4 | | | | | | | | | | | | | | 52 | 52 | 70 | 89 |
| 48/ 47 | .2 | 1.8 | .6 | | .2 | | | | | | | | | | | | | 28 | 28 | 50 | 52 |
| 46/ 45 | | .7 | .9 | | | .1 | | | | | | | | | | | | 17 | 17 | 26 | 34 |
| 44/ 43 | | .4 | .1 | | .2 | | | | | | | | | | | | | 7 | 7 | 25 | 25 |
| 42/ 41 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 3 | 19 |
| 40/ 39 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 14 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 5 | 6 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 7 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 11.1 | 67.4 | 17.8 | 2.4 | .8 | .6 | | | | | | | | | | | | 1017 | | 1017 | |
| | | | | | | | | | | | | | | | | | | 1017 | | 1017 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8211480 | 90998 | 89.5 | 8.257 | 1017 | | | | | | | |
| Dry Bulb | 3387140 | 58402 | 57.4 | 5.730 | 1017 | | | 6.4 | | | | 84 |
| Wet Bulb | 3186543 | 56597 | 55.7 | 6.024 | 1017 | | | 4.0 | | | | 84 |
| Dew Point | 3046495 | 55227 | 54.3 | 6.834 | 1017 | | .5 | 2.9 | | | | 84 |

USAF-ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
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# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

 0900-1100 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B / W B | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | .2 | .3 | .1 | | | | | | | | | | | 6 | 6 | | |
| 82/ 81 | | | | | .7 | .5 | .5 | .1 | .1 | | | | | | | | | 19 | 19 | | |
| 80/ 79 | | | | .2 | .9 | .7 | .6 | .1 | | | | | | | | | | 23 | 23 | | |
| 78/ 77 | | | .1 | .3 | .8 | 1.1 | .3 | .2 | | | | | | | | | | 28 | 28 | | |
| 76/ 75 | | | .4 | 1.1 | .9 | .7 | .4 | .1 | | | | | | | | | | 36 | 36 | 3 | |
| 74/ 73 | | | .7 | 1.3 | 1.9 | 1.3 | .3 | | .1 | | | | | | | | | 56 | 56 | 21 | |
| 72/ 71 | | .2 | .7 | 1.5 | 1.8 | .6 | .4 | .2 | | .1 | | | | | | | | 53 | 53 | 23 | 10 |
| 70/ 69 | | .3 | 1.2 | 2.9 | 2.8 | .6 | .4 | | | | | | | | | | | 83 | 83 | 42 | 33 |
| 68/ 67 | | .6 | 2.7 | 3.1 | 2.6 | .6 | .1 | | .1 | .1 | | | | | | | | 100 | 100 | 49 | 21 |
| 66/ 65 | | 1.6 | 2.9 | 4.0 | 1.3 | .7 | .1 | | .1 | | | | | | | | | 108 | 108 | 79 | 35 |
| 64/ 63 | | 2.2 | 2.8 | 4.1 | .9 | .3 | .1 | | | | | | | | | | | 105 | 105 | 110 | 63 |
| 62/ 61 | .1 | 3.0 | 3.6 | 2.8 | 1.1 | .1 | | .1 | | | | | | | | | | 110 | 110 | 121 | 93 |
| 60/ 59 | .5 | 3.1 | 3.6 | 1.9 | .7 | .1 | | | | | | | | | | | | 101 | 101 | 143 | 125 |
| 58/ 57 | .4 | 3.0 | 3.2 | .8 | .4 | .1 | .1 | | | | | | | | | | | 82 | 82 | 146 | 137 |
| 56/ 55 | .1 | 1.1 | 2.5 | 1.2 | .3 | | .3 | | | | | | | | | | | 55 | 55 | 108 | 143 |
| 54/ 53 | .2 | .8 | 1.0 | .3 | | | | | | | | | | | | | | 23 | 23 | 75 | 113 |
| 52/ 51 | | .2 | .9 | .1 | .1 | | .1 | | | | | | | | | | | 14 | 14 | 36 | 87 |
| 50/ 49 | | .3 | .1 | .2 | | | | | | | | | | | | | | 6 | 6 | 32 | 57 |
| 48/ 47 | | | .2 | .1 | | .1 | | | | | | | | | | | | 4 | 4 | 14 | 33 |
| 46/ 45 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 27 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 7 | 12 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 9 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | 4 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.3 | 16.5 | 26.5 | 25.9 | 17.1 | 7.7 | 3.7 | .8 | .4 | .2 | | | | | | | | | 1017 | | 1017 |
| | | | | | | | | | | | | | | | | | | 1017 | | 1017 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5723405 | 75303 | 74.0 | 12.055 | 1017 | | | | | | | |
| Dry Bulb | 4370079 | 66265 | 65.2 | 7.184 | 1017 | | | 33.7 | 14.0 | 3.4 | | 84 |
| Wet Bulb | 3688530 | 60942 | 59.9 | 6.009 | 1017 | | | 11.4 | 2.0 | | | 84 |
| Dew Point | 3282587 | 57369 | 56.4 | 6.758 | 1017 | | .6 | 5.3 | | | | 84 |

FORM AFL 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAF ETAC

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# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

 1200-1400 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | .3 | .3 | .4 | | | | | | | | | | | 10 | 10 | | | |
| 84/ 83 | | | | .1 | .8 | 1.3 | 1.0 | .4 | | | | | | | | | | | 36 | 36 | | | |
| 82/ 81 | | | .1 | .5 | .8 | 2.5 | .8 | .7 | .3 | | | | | | | | | | 56 | 56 | | | |
| 80/ 79 | | | | | 1.5 | 2.4 | 2.8 | 1.3 | .3 | | | | | | | | | | 83 | 83 | | | |
| 78/ 77 | | | | .2 | 2.0 | 2.7 | 1.8 | 1.0 | .1 | .1 | | | | | | | | | 79 | 79 | 2 | | |
| 76/ 75 | | | | .9 | 2.8 | 3.8 | 1.6 | .8 | .2 | .1 | | .1 | | | | | | | 104 | 104 | 18 | | |
| 74/ 73 | | | | 2.1 | 4.0 | 4.2 | 1.8 | .5 | | | .1 | .1 | | | | | | | 130 | 130 | 35 | 10 | |
| 72/ 71 | | .3 | .2 | 2.3 | 5.1 | 3.7 | 1.2 | | .2 | .2 | .2 | .1 | | | | | | | 137 | 137 | 50 | 13 | |
| 70/ 69 | | | .3 | 2.4 | 4.0 | 2.8 | 1.1 | .1 | | | | | | | | | | | 108 | 108 | 88 | 34 | |
| 68/ 67 | | | .7 | 1.9 | 2.9 | 1.4 | .9 | | | | | | | | | | | | 79 | 79 | 120 | 39 | |
| 66/ 65 | | .2 | .6 | 1.1 | 1.7 | .9 | | | | | | | | | | | | | 47 | 47 | 146 | 75 | |
| 64/ 63 | | .7 | 1.0 | 2.2 | .5 | .3 | | .1 | | | | | | | | | | | 48 | 48 | 143 | 90 | |
| 62/ 61 | | .0 | 1.1 | 1.2 | .5 | .1 | .1 | | | | | | | | | | | | 36 | 36 | 140 | 130 | |
| 60/ 59 | | 1.3 | .5 | .4 | .9 | .3 | .1 | | | | | | | | | | | | 35 | 35 | 105 | 138 | |
| 58/ 57 | | .5 | .4 | .3 | .2 | | .3 | | | | | | | | | | | | 17 | 17 | 75 | 135 | |
| 56/ 55 | | .1 | .3 | | | | | | | | | | | | | | | | 4 | 4 | 40 | 131 | |
| 54/ 53 | | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 20 | 80 | |
| 52/ 51 | | .3 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 19 | 47 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 9 | 33 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 7 | 22 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 15 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 9 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 2 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 2 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 2 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 4 | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | | 3.9 | 5.6 | 15.5 | 27.6 | 26.5 | 13.6 | 5.2 | 1.0 | .4 | .3 | .3 | | | | | | | | 1017 | | 1017 |
| | | | | | | | | | | | | | | | | | | | 1017 | | 1017 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4167039 | 64147 | 63.1 | 10.912 | 1017 | | | | | | | |
| Dry Bulb | 5317376 | 73226 | 72.0 | 6.652 | 1017 | | | 57.9 | 41.1 | 12.8 | | 84 |
| Wet Bulb | 4153683 | 64795 | 63.7 | 5.485 | 1017 | | | 25.9 | 4.5 | | | 84 |
| Dew Point | 3527359 | 59521 | 58.5 | 6.368 | 1017 | | .4 | 7.9 | .8 | | | 84 |

FORM AFL 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

PAGE 1 1500-1700 (HOURS L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | | | .1 | . | .2 | .1 | | | | | | | | | | 5 | 5 | | |
| 84/ 83 | | | | | .8 | . | | .1 | .1 | | | | | | | | | 13 | 13 | | |
| 82/ 81 | | | | .9 | .9 | 1.3 | .3 | .4 | | | | | | | | | | 38 | 38 | | |
| 80/ 79 | | | .3 | .5 | 2.0 | 2.1 | 2.0 | .2 | | | | | | | | | | 71 | 71 | | |
| 78/ 77 | | | | 1.2 | 2.8 | 3.8 | 1.1 | .5 | .2 | | | | | | | | | 97 | 97 | 2 | |
| 76/ 75 | | | .1 | 3.2 | 3.5 | 3.2 | 1.2 | .8 | | .1 | | | | | | | | 113 | 113 | 22 | 1 |
| 74/ 73 | | .1 | | 2.3 | 3.6 | 3. | 1.5 | .4 | .1 | .1 | | .1 | | | | | | 118 | 118 | 32 | 16 |
| 72/ 71 | | | .2 | 3.3 | 3.8 | 3.4 | .9 | .1 | .3 | | .1 | | | | | | | 124 | 124 | 51 | 17 |
| 70/ 69 | | | .7 | 3.5 | 3.8 | 2.7 | .3 | .3 | .2 | | .1 | | | | | | | 118 | 118 | 94 | 35 |
| 68/ 67 | | .1 | 1.8 | 3.6 | 3.2 | .8 | .2 | | .1 | | | | | | | | | 100 | 100 | 122 | 46 |
| 66/ 65 | | .2 | 1.3 | 2.3 | 2.7 | .5 | | | | | | | | | | | | 70 | 70 | 120 | 70 |
| 64/ 63 | | 1.3 | 1.0 | 1.4 | .5 | .2 | .1 | | | | | | | | | | | 45 | 45 | 164 | 110 |
| 62/ 61 | .1 | .7 | .9 | .8 | 1.2 | .2 | .1 | | | | | | | | | | | 40 | 40 | 136 | 141 |
| 60/ 59 | | .7 | .7 | .8 | .5 | .3 | | | | | | | | | | | | 30 | 30 | 116 | 133 |
| 58/ 57 | | .5 | .4 | .6 | .2 | .1 | .3 | | | | | | | | | | | 21 | 21 | 65 | 120 |
| 56/ 55 | | .2 | .2 | .2 | | | | | | | | | | | | | | 6 | 6 | 37 | 103 |
| 54/ 53 | | .2 | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 24 | 91 |
| 52/ 51 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 17 | 39 |
| 50/ 49 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 8 | 27 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 5 | 25 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 2 | 14 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 5 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 3 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 3.9 | 8.0 | 23.5 | 29.6 | 22.4 | 8.2 | 2.9 | 1.0 | .2 | .2 | .1 | | | | | | | 1017 | | 1017 |
| | | | | | | | | | | | | | | | | | | 1017 | | 1017 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs |
|---|---|---|---|---|---|
| Rel. Hum | 4540041 | 67087 | 66.0 | 10.621 | 1017 |
| Dry Bulb | 5206754 | 72480 | 71.3 | 6.369 | 1017 |
| Wet Bulb | 4159731 | 64799 | 63.7 | 5.525 | 1017 |
| Dew Point | 3591405 | 60065 | 59.1 | 6.574 | 1017 |

Mean No of Hours with Temperature

| Element (X) | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 65.8 | 37.6 | 8.1 | | 84 |
| Wet Bulb | | | 26.7 | 4.6 | | | 84 |
| Dew Point | | .4 | 9.5 | 1.4 | | | 84 |

USAF ETAC FORM AWS 0-26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

PAGE 1 1800-2000 (HOURS (L S T))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82/ 81 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | .2 | .3 | .1 | | | | | | | | | | | | | 6 | 6 | | |
| 78/ 77 | | | 1.1 | .8 | .4 | | | | | | | | | | | | | 23 | 23 | | |
| 76/ 75 | | .3 | 1.5 | 2.1 | .5 | .1 | | | | | | | | | | | | 45 | 45 | 5 | |
| 74/ 73 | | | 1.7 | 1.9 | 1.2 | .3 | .1 | | | | | | | | | | | 52 | 52 | 18 | 10 |
| 72/ 71 | | .5 | 1.1 | 2.6 | 1.2 | .3 | | | | | | | | | | | | 57 | 57 | 38 | 15 |
| 70/ 69 | | .1 | 2.9 | 3.4 | .9 | .2 | .2 | | | | | | | | | | | 79 | 79 | 40 | 32 |
| 68/ 67 | | .4 | 4.3 | 2.8 | 1.1 | .2 | | | | | | | | | | | | 89 | 89 | 52 | 36 |
| 66/ 65 | | 2.8 | 4.5 | 3.4 | 1.0 | .1 | .1 | | .1 | .1 | | | | | | | | 123 | 123 | 70 | 39 |
| 64/ 63 | | 3.2 | 5.4 | 3.3 | .9 | .1 | | | | | | | | | | | | 132 | 132 | 119 | 61 |
| 62/ 61 | .2 | 2.9 | 6.8 | 2.2 | .3 | .2 | | | .1 | .1 | | | | | | | | 129 | 129 | 131 | 125 |
| 60/ 59 | .1 | 2.9 | 4.6 | 2.3 | .3 | | | .1 | .1 | | | | | | | | | 106 | 106 | 135 | 123 |
| 58/ 57 | | 3.2 | 3.6 | 1.1 | .2 | | | | | | | | | | | | | 83 | 83 | 154 | 129 |
| 56/ 55 | .1 | 1.2 | 1.9 | 1.0 | .3 | | | | | | | | | | | | | 45 | 45 | 107 | 147 |
| 54/ 53 | | .5 | 1.0 | .1 | .1 | | | | | | | | | | | | | 23 | 23 | 58 | 100 |
| 52/ 51 | | .2 | .5 | .2 | | | | | | | | | | | | | | 9 | 9 | 36 | 78 |
| 50/ 49 | | .3 | .2 | .1 | | .1 | | | | | | | | | | | | 7 | 7 | 23 | 40 |
| 48/ 47 | | .3 | .2 | .1 | | | .1 | | | | | | | | | | | 7 | 7 | 14 | 27 |
| 46/ 45 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 13 | 21 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | 14 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 7 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | 18.9 | 42.1 | 27.5 | 8.4 | 1.7 | .5 | .1 | .3 | .2 | | | | | | | | 1017 | 1017 | | 1017 |
| | | | | | | | | | | | | | | | | | | 1017 | | 1017 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6324824 | 79622 | 78.3 | 9.471 | 1017 | | | | | | | |
| Dry Bulb | 4261329 | 65517 | 64.4 | 6.322 | 1017 | | | 29.1 | 10.5 | .2 | | 84 |
| Wet Bulb | 3724599 | 61241 | 60.2 | 6.021 | 1017 | | | 12.6 | 1.9 | | | 84 |
| Dew Point | 3397585 | 58361 | 57.4 | 6.910 | 1017 | | .6 | 7.7 | .8 | | | 84 |

USAF ETAC FORM JAN 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | FEB MONTH

PAGE 1 | 2100-2300 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wat Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 77 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | | |
| 76/ 75 | | .2 | .8 | .3 | | | | | | | | | | | | | | 13 | 13 | | |
| 74/ 73 | | 1.5 | 1.6 | .2 | | | | | | | | | | | | | | 33 | 33 | 8 | 1 |
| 72/ 71 | | 1.4 | .9 | .3 | | | | | | | | | | | | | | 26 | 26 | 23 | 19 |
| 70/ 69 | | 1.2 | 2.6 | .2 | | | | | | | | | | | | | | 40 | 40 | 34 | 24 |
| 68/ 67 | | 1.6 | 2.9 | .3 | | | | | | | | | | | | | | 49 | 49 | 30 | 23 |
| 66/ 65 | | 2.8 | 2.5 | .4 | | | | | | | | | | | | | | 57 | 57 | 43 | 34 |
| 64/ 63 | | 4.6 | 3.0 | .6 | | | | | | | | | | | | | | 84 | 84 | 67 | 51 |
| 62/ 61 | | 9.9 | 4.4 | 1.0 | .1 | | | | | | | | | | | | | 157 | 157 | 91 | 74 |
| 60/ 59 | .6 | 8.8 | 5.0 | .9 | | | | | | | | | | | | | | 155 | 155 | 155 | 129 |
| 58/ 57 | .1 | 7.8 | 4.6 | .9 | | | .1 | | | | | | | | | | | 137 | 137 | 141 | 111 |
| 56/ 55 | .7 | 6.5 | 4.8 | .7 | .1 | .1 | .1 | | | | | | | | | | | 132 | 132 | 150 | 161 |
| 54/ 53 | .1 | 2.6 | 2.6 | .9 | .1 | | .2 | | | | | | | | | | | 67 | 67 | 105 | 115 |
| 52/ 51 | .1 | 1.8 | 1.5 | .3 | | | | | | | | | | | | | | 37 | 37 | 72 | 89 |
| 50/ 49 | | | .6 | .2 | | | | | | | | | | | | | | 8 | 8 | 45 | 79 |
| 48/ 47 | | .3 | .1 | | | .2 | .1 | | | | | | | | | | | 7 | 7 | 26 | 35 |
| 46/ 45 | | .6 | .4 | | | | | | | | | | | | | | | 10 | 10 | 10 | 23 |
| 44/ 43 | .1 | | .1 | | | | | | | | | | | | | | | 2 | 2 | 8 | 20 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 5 | 10 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 2 | 3 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 4 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.7 | 51.5 | 38.4 | 7.3 | .3 | .3 | .5 | | | | | | | | | | | | 1017 | | 1017 |
| | | | | | | | | | | | | | | | | | | 1017 | | 1017 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 7461506 | 86708 | 85.3 | 8.235 | 1017 | | | | | | | |
| Dry Bulb | 3759288 | 61536 | 60.5 | 5.945 | 1017 | | | 13.5 | 4.0 | | | 84 |
| Wet Bulb | 3447210 | 58888 | 57.9 | 6.084 | 1017 | | | 7.8 | .7 | | | 84 |
| Dew Point | 3238644 | 56954 | 56.0 | 6.952 | 1017 | | .5 | 5.5 | .1 | | | 84 |

FORM AM 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZF STATION NAME | 54-65 YEARS | FEB MONTH

 ALL HOURS (L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | .0 | .0 | .1 | .1 | | | | | | | | | | 15 | 15 | | |
| 84/ 83 | | | | .0 | .2 | .2 | .1 | .1 | .0 | | | | | | | | | 55 | 55 | | |
| 82/ 81 | | | .0 | .2 | .3 | .5 | .2 | .1 | .0 | | | | | | | | | 114 | 114 | | |
| 80/ 79 | | | .1 | .1 | .6 | .6 | .7 | .2 | .0 | | | | | | | | | 185 | 185 | | |
| 78/ 77 | | | .2 | .3 | .7 | .9 | .4 | .2 | .0 | .0 | | | | | | | | 230 | 230 | 4 | |
| 76/ 75 | | .1 | .3 | .8 | 1.0 | 1.0 | .4 | .2 | .0 | .0 | | .0 | | | | | | 313 | 313 | 48 | 1 |
| 74/ 73 | | .2 | .6 | .9 | 1.3 | 1.2 | .8 | .1 | .0 | .0 | .0 | .0 | | | | | | 401 | 401 | 116 | 37 |
| 72/ 71 | .0 | .8 | .6 | 1.2 | 1.5 | 1.0 | .3 | .0 | .1 | .0 | .0 | .0 | | | | | | 460 | 460 | 202 | 87 |
| 70/ 69 | .0 | 1.0 | 1.1 | 1.6 | 1.4 | .8 | .2 | .0 | .0 | | .0 | | | | | | | 513 | 513 | 361 | 210 |
| 68/ 67 | .0 | 1.3 | 1.9 | 1.5 | 1.2 | .4 | .1 | | .0 | .0 | | | | | | | | 521 | 521 | 462 | 232 |
| 66/ 65 | .1 | 2.2 | 1.6 | 1.4 | .8 | .3 | .0 | | .0 | .0 | | | | | | | | 533 | 533 | 557 | 352 |
| 64/ 63 | .1 | 3.1 | 2.0 | 1.5 | .3 | .1 | .0 | .0 | | | | | | | | | | 594 | 594 | 768 | 505 |
| 62/ 61 | .4 | 4.5 | 2.5 | 1.0 | .4 | .1 | .0 | .0 | .0 | .0 | | | | | | | | 736 | 736 | 821 | 744 |
| 60/ 59 | .8 | 5.1 | 2.4 | .8 | .3 | .1 | .0 | .0 | .0 | | | | | | | | | 861 | 861 | 982 | 910 |
| 58/ 57 | .7 | 5.5 | 2.7 | .3 | .1 | .0 | .1 | | | | | | | | | | | 792 | 792 | 992 | 1004 |
| 56/ 55 | .8 | 5.7 | 2.2 | .5 | .1 | .1 | .0 | | | | | | | | | | | 755 | 755 | 909 | 1116 |
| 54/ 53 | .3 | 3.2 | 1.7 | .4 | .1 | .0 | .0 | | | | | | | | | | | 470 | 470 | 699 | 898 |
| 52/ 51 | .2 | 1.9 | .8 | .2 | .1 | .0 | .0 | | | | | | | | | | | 262 | 262 | 463 | 652 |
| 50/ 49 | .0 | 1.1 | .4 | .2 | .0 | .0 | | | | | | | | | | | | 163 | 163 | 329 | 503 |
| 48/ 47 | .0 | .5 | .3 | .0 | .0 | .0 | .0 | | | | | | | | | | | 72 | 72 | 194 | 312 |
| 46/ 45 | | .4 | .2 | .0 | .0 | .0 | | | | | | | | | | | | 56 | 56 | 94 | 192 |
| 44/ 43 | .0 | .2 | .0 | | .0 | | | | | | | | | | | | | 23 | 23 | 77 | 126 |
| 42/ 41 | | .0 | .0 | | | | | | | | | | | | | | | 6 | 6 | 27 | 85 |
| 40/ 39 | | .1 | .0 | | | | | | | | | | | | | | | 6 | 6 | 16 | 52 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 17 | 33 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 3 | 17 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 21 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 10 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 11 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 6 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 8 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 6 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 3 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAF ETAC FORM 0-26-5 (OL-I) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) FEB (MONTH)

 ALL (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 14/ 13 TOTAL | 3.7 | 37.9 | 21.9 | 13.3 | 10.7 | 7.5 | 3.3 | 1.1 | .3 | .1 | .1 | .0 | | | | | | | | | 2 |
| | | | | | | | | | | | | | | | | | | | 8136 | | 8136 |
| | | | | | | | | | | | | | | | | | | 8136 | | 8136 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 52708781 | 645111 | 79.3 | 13.836 | 8136 | | | | | | | |
| Dry Bulb | 33215597 | 515429 | 63.4 | 8.314 | 8136 | | | 231.8 | 108.4 | 24.4 | | 672 |
| Wet Bulb | 28648267 | 481421 | 59.2 | 6.669 | 8136 | | | 98.5 | 13.9 | | | 672 |
| Dew Point | 26281056 | 458874 | 56.4 | 7.015 | 8136 | | 3.9 | 46.8 | 3.1 | | | 672 |

FORM AWS 64 0-26-5 (OL-1) USAF-ETAC REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAR (MONTH)

PAGE 1 0000-0200 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B / W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 78/ 77 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | | |
| 76/ 75 | | .6 | .7 | .2 | | | | | | | | | | | | | | 17 | 17 | 1 | |
| 74/ 73 | .1 | 2.9 | 1.2 | .2 | | | | | | | | | | | | | | 46 | 46 | 14 | 10 |
| 72/ 71 | .3 | 3.6 | 2.0 | .3 | | | | | | | | | | | | | | 68 | 68 | 49 | 32 |
| 70/ 69 | .2 | 4.9 | 2.8 | .7 | .1 | | | | | | | | | | | | | 97 | 97 | 68 | 67 |
| 68/ 67 | .2 | 6.4 | 3.0 | .6 | .1 | | | | | | | | | | | | | 114 | 114 | 98 | 62 |
| 66/ 65 | .3 | 7.1 | 4.5 | .6 | | | | | | | | | | | | | | 139 | 139 | 101 | 91 |
| 64/ 63 | .2 | 6.4 | 4.5 | .4 | .2 | | | | | | | | | | | | | 130 | 131 | 139 | 117 |
| 62/ 61 | .3 | 8.5 | 3.6 | .7 | | | | | | | | | | | | | | 145 | 145 | 110 | 124 |
| 60/ 59 | .4 | 7.9 | 3.0 | .8 | | | | | | | | | | | | | | 134 | 134 | 173 | 131 |
| 58/ 57 | .3 | 4.4 | 2.9 | .7 | .4 | | | | | | | | | | | | | 97 | 97 | 105 | 160 |
| 56/ 55 | .8 | 2.2 | 3.4 | .4 | | | | | | | | | | | | | | 76 | 76 | 110 | 107 |
| 54/ 53 | | 1.9 | .7 | | | | | | | | | | | | | | | 29 | 29 | 60 | 62 |
| 52/ 51 | .1 | .4 | .4 | | | | | | | | | | | | | | | 10 | 10 | 56 | 58 |
| 50/ 49 | | .3 | .3 | | | | | | | | | | | | | | | 6 | 6 | 16 | 48 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 4 | 29 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 8 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | 3.0 | 57.5 | 32.0 | 5.8 | .9 | | | | | | | | | | | | | 1112 | 1113 | 1112 | 1112 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8547934 | 97204 | 87.4 | 6.774 | 1112 | | | | | | | |
| Dry Bulb | 4537493 | 70801 | 63.6 | 5.501 | 1113 | | | 28.9 | 5.6 | | | 93 |
| Wet Bulb | 4212718 | 68154 | 61.3 | 5.660 | 1112 | | | 19.2 | 1.3 | | | 93 |
| Dew Point | 4017191 | 66481 | 59.8 | 6.194 | 1112 | | | 14.3 | .8 | | | 93 |

FORM AWS 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAF ETAC

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# PSYCHROMETRIC SUMMARY

46743 STATION | TA -NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | MAR MONTH

PAGE 1 | 0300-0500 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 76/ 75 | | .4 | | .1 | | | | | | | | | | | | | | 4 | 5 | | |
| 74/ 73 | | 1.8 | .8 | .1 | | | | | | | | | | | | | | 30 | 30 | 8 | 8 |
| 72/ 71 | .2 | 3.4 | .5 | .2 | | | | | | | | | | | | | | 48 | 48 | 33 | 17 |
| 70/ 69 | .4 | 5.7 | 2.4 | .1 | | | | | | | | | | | | | | 95 | 95 | 57 | 55 |
| 68/ 67 | .7 | 6.4 | 1.4 | .3 | | | | | | | | | | | | | | 98 | 98 | 85 | 71 |
| 66/ 65 | .4 | 9.0 | 2.4 | .2 | | | | | | | | | | | | | | 134 | 134 | 108 | 92 |
| 64/ 63 | .4 | 8.2 | 3.1 | .2 | | | | | | | | | | | | | | 132 | 132 | 115 | 100 |
| 62/ 61 | .4 | 7.8 | 2.2 | | | | | | | | | | | | | | | 116 | 116 | 136 | 131 |
| 60 59 | .8 | 10.5 | 3.3 | .7 | | | | | | | | | | | | | | 171 | 171 | 143 | 109 |
| 58/ 57 | 1.3 | 6.2 | 2.4 | .5 | .3 | .1 | | | | | | | | | | | | 121 | 121 | 152 | 168 |
| 56/ 55 | 1.4 | 4.8 | 2.9 | .7 | .2 | | | | | | | | | | | | | 111 | 111 | 116 | 122 |
| 54/ 53 | | 1.3 | .9 | .3 | .1 | | | | | | | | | | | | | 29 | 29 | 67 | 77 |
| 52/ 51 | | .9 | .4 | | | | | | | | | | | | | | | 14 | 14 | 50 | 68 |
| 50/ 49 | .1 | .4 | .3 | | | | | | | | | | | | | | | 9 | 9 | 33 | 43 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 10 | 28 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 14 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 5 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 6.3 | 66.8 | 23.0 | 3.3 | .5 | .1 | | | | | | | | | | | | 1113 | | 1113 | 1113 |
| | | | | | | | | | | | | | | | | | | | 1113 | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8913418 | 99262 | 89.3 | 6.897 | 1112 | | | | | | | |
| Dry Bulb | 4376905 | 69527 | 62.5 | 5.338 | 1113 | | | 23.1 | 2.9 | | | 93 |
| Wet Bulb | 4111153 | 67353 | 60.5 | 5.634 | 1113 | | | 15.3 | .7 | | | 93 |
| Dew Point | 3945883 | 65909 | 59.2 | 6.213 | 1113 | | | 12.6 | .7 | | | 93 |

FORM AWS 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAR (MONTH)

PAGE 1 0600-0800 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 77 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | | |
| 76/ 75 | | .6 | .8 | .4 | | | | | | | | | | | | | | 20 | 20 | 1 | |
| 74/ 73 | | 1.2 | 1.3 | .7 | .1 | | | | | | | | | | | | | 37 | 37 | 13 | 7 |
| 72/ 71 | .3 | 3.1 | 1.0 | .2 | | .1 | | | | | | | | | | | | 52 | 52 | 27 | 19 |
| 70/ 69 | .4 | 4.4 | 2.6 | .4 | | | | | | | | | | | | | | 89 | 89 | 66 | 54 |
| 68/ 67 | .3 | 6.5 | 2.1 | .4 | | | | | | | | | | | | | | 103 | 103 | 83 | 65 |
| 66/ 65 | .6 | 7.8 | 2.8 | .4 | .2 | | | | | | | | | | | | | 131 | 131 | 107 | 109 |
| 64/ 63 | .3 | 6.2 | 3.4 | .3 | .1 | | | | | | | | | | | | | 114 | 114 | 112 | 87 |
| 62/ 61 | 1.2 | 7.5 | 2.5 | .3 | .2 | | | | | | | | | | | | | 129 | 129 | 130 | 120 |
| 60/ 59 | 1.5 | 9.3 | 3.3 | .7 | .1 | .1 | | | | | | | | | | | | 167 | 167 | 167 | 141 |
| 58/ 57 | 1.1 | 6.4 | 2.2 | .5 | .2 | .1 | .1 | | | | | | | | | | | 118 | 118 | 136 | 148 |
| 56/ 55 | 1.3 | 4.4 | 3.0 | .4 | .2 | .1 | | | | | | | | | | | | 103 | 103 | 114 | 133 |
| 54/ 53 | | 1.3 | .7 | | | | | | | | | | | | | | | 23 | 23 | 66 | 75 |
| 52/ 51 | | 1.0 | .2 | .2 | | | | | | | | | | | | | | 15 | 15 | 48 | 56 |
| 50/ 49 | | .8 | | | | | | | | | | | | | | | | 9 | 9 | 29 | 44 |
| 48/ 47 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 35 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 2 | 6 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 4 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 6 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 6.9 | 60.6 | 26.2 | 4.8 | 1.0 | .4 | .1 | | | | | | | | | | | | 1113 | | 1113 |
| | | | | | | | | | | | | | | | | | | 1113 | | 1113 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8746176 | 98286 | 88.3 | 7.751 | 1113 | | | | | | | |
| Dry Bulb | 4428949 | 69931 | 62.8 | 5.619 | 1113 | | | 25.3 | 4.9 | | | 93 |
| Wet Bulb | 4131658 | 67516 | 60.7 | 5.694 | 1113 | | | 16.0 | 1.3 | | | 93 |
| Dew Point | 3949885 | 65935 | 59.2 | 6.279 | 1113 | | | 12.1 | .6 | | | 93 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | MAR MONTH

PAGE 1 | 0900-1100 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B/W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88/ 87 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | .3 | .4 | .2 | .1 | | | | | | | | | | 10 | 10 | | |
| 84/ 83 | | | | .1 | 1.3 | 1.9 | .4 | .3 | .1 | | | | | | | | | 44 | 44 | | |
| 82/ 81 | | | | .6 | 1.7 | 1.2 | .7 | .1 | | | | | | | | | | 48 | 48 | | |
| 80/ 79 | | | .1 | 2.2 | 2.5 | 2.4 | .6 | .1 | .1 | | | | | | | | | 90 | 90 | | |
| 78/ 77 | | | .8 | 2.5 | 3.6 | 1.6 | .7 | .1 | .2 | | | | | | | | | 106 | 106 | 5 | |
| 76/ 75 | | .2 | .5 | 3.2 | 2.2 | 2.3 | .8 | .3 | | | | | | | | | | 107 | 107 | 37 | 1 |
| 74/ 73 | | .1 | .6 | 3.1 | 2.1 | 1.6 | .3 | .2 | .2 | | | | | | | | | 90 | 90 | [illegible] | 21 |
| 72/ 71 | | .1 | 1.0 | 2.7 | 3.1 | .9 | .2 | .1 | | | | | | | | | | 97 | 98 | 88 | 74 |
| 70/ 69 | .1 | 1.1 | 1.7 | 4.0 | 2.4 | .9 | .4 | | | | | | | | | | | 118 | 118 | 119 | 70 |
| 68/ 67 | .1 | .6 | 2.5 | 3.0 | 1.7 | .4 | .3 | | .1 | | | | | | | | | 96 | 96 | 115 | 95 |
| 66/ 65 | .2 | 1.3 | 2.9 | 2.7 | .9 | .3 | .1 | | .1 | | | | | | | | | 93 | 93 | 139 | 100 |
| 64/ 63 | | 1.4 | 1.3 | 1.3 | .4 | .4 | | | | | | | | | | | | 54 | 54 | 131 | 108 |
| 62/ 61 | .2 | 1.7 | 2.3 | .9 | .2 | | | .1 | | | | | | | | | | 60 | 60 | 121 | 147 |
| 60/ 59 | | 1.4 | 1.7 | .4 | | | | | | | | | | | | | | 40 | 40 | 99 | 137 |
| 58/ 57 | | .9 | 1.4 | .5 | .2 | | | | | | | | | | | | | 34 | 34 | 69 | 107 |
| 56/ 55 | .1 | .7 | .4 | .1 | | | | | | | | | | | | | | 14 | 14 | 46 | 97 |
| 54/ 53 | | .3 | .3 | | | | | | | | | | | | | | | 6 | 6 | 28 | 58 |
| 52/ 51 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 14 | 39 |
| 50/ 49 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 22 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | 20 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 6 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .7 | 10.1 | 18.3 | 27.5 | 22.6 | 14.2 | 4.6 | 1.3 | .7 | | | | | | | | | 1112 | 1113 | 1112 | 1112 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5932869 | 80295 | 72.2 | 11.021 | 1112 | | | | | | | |
| Dry Bulb | 5689085 | 79157 | 71.1 | 7.309 | 1113 | | | 67.5 | 41.4 | 13.0 | | 93 |
| Wet Bulb | 4734206 | 72256 | 65.0 | 5.934 | 1112 | | | 38.2 | 11.3 | | | 93 |
| Dew Point | 4240454 | 68306 | 61.4 | 6.341 | 1112 | | | 22.3 | 1.8 | | | 93 |

FORM AM 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAR (MONTH)

PAGE 1 1200-1400 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B/W B | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90/ 89 | | | | | | | | .1 | | .1 | | | | | | | | 2 | 2 | | |
| 88/ 87 | | | | | | .6 | .5 | .1 | .2 | | | | | | | | | 16 | 16 | | |
| 86/ 85 | | | | .4 | 1.3 | 2.8 | 2.2 | .8 | | | | | | | | | | 81 | 81 | | |
| 84/ 83 | | | | .2 | 2.0 | 3.1 | 1.7 | 1.2 | | | | | | | | | | 124 | 124 | | |
| 82/ 81 | | | | .6 | 2.4 | 4.9 | 2.7 | 1.6 | .8 | | | | | | | | | 145 | 145 | | |
| 80/ 79 | | | | 1.2 | 3.4 | 4.7 | 2.6 | .5 | .4 | | | | | | | | | 143 | 143 | 6 | |
| 78/ 77 | | | | 1.0 | 1.7 | 2.5 | 2.8 | .5 | .4 | | .1 | | | | | | | 100 | 100 | 30 | 1 |
| 76/ 75 | | .3 | .3 | 2.0 | 2.1 | 4.1 | 2.0 | .6 | .3 | .2 | | | | | | | | 131 | 131 | 75 | 16 |
| 74/ 73 | | .3 | .3 | .6 | 2.8 | 3.2 | .9 | .5 | .2 | | | | | | | | | 98 | 98 | 156 | 42 |
| 72/ 71 | | .1 | .3 | 1.1 | 3.1 | 1.0 | .4 | | .1 | | | | | | | | | 72 | 73 | 138 | 81 |
| 70/ 69 | | .3 | .4 | 1.8 | 1.9 | 1.0 | .2 | | | | | | | | | | | 61 | 61 | 139 | 115 |
| 68/ 67 | | .4 | 1.2 | 1.0 | 1.4 | .4 | .2 | | | | | | | | | | | 50 | 50 | 119 | 110 |
| 66/ 65 | | .4 | .4 | .8 | .6 | .1 | | | | | | | | | | | | 26 | 26 | 149 | 116 |
| 64/ 63 | | .5 | .4 | .7 | | .1 | | | | | | | | | | | | 19 | 19 | 120 | 125 |
| 62/ 61 | .1 | .2 | .4 | .3 | | | | | | | | | | | | | | 11 | 11 | 70 | 121 |
| 60/ 59 | | .5 | .4 | .4 | | | | | | | | | | | | | | 14 | 14 | 49 | 126 |
| 58/ 57 | | .1 | .4 | .4 | | | | | | | | | | | | | | 10 | 10 | 33 | 91 |
| 56/ 55 | | .4 | .2 | .1 | | | | | | | | | | | | | | 8 | 8 | 11 | 65 |
| 54/ 53 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 11 | 50 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 7 | 25 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 12 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 10 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .1 | 3.5 | 4.6 | 12.5 | 22.8 | 30.5 | 17.3 | 6.0 | 2.3 | .3 | .1 | | | | | | | 1112 | 1113 | 1112 | 1112 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $s_x$ | No Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum. | 4637456 | 70860 | 63.7 | 10.881 | 1112 | | | | | | | |
| Dry Bulb | 6581821 | 85265 | 76.6 | 6.693 | 1113 | | | 85.6 | 70.2 | 38.7 | | 93 |
| Wet Bulb | 5195694 | 75470 | 67.9 | 5.503 | 1112 | | | 55.4 | 22.3 | | | 93 |
| Dew Point | 4472613 | 70179 | 63.1 | 6.263 | 1112 | | | 30.5 | 4.9 | | | 93 |

USAF ETAC FORM 0-26-5 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | MAR MONTH



1300-1700 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B / W B | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90/ 89 | | | | | | | | .1 | .1 | | | | | | | | | 2 | 2 | | |
| 88/ 87 | | | | | | .4 | | | | | | | | | | | | 4 | 4 | | |
| 86/ 85 | | | | | .6 | .6 | 1.1 | .2 | | | | | | | | | | 30 | 30 | | |
| 84/ 83 | | | .2 | .5 | 2.3 | 2.8 | 2.2 | .2 | | .1 | | | | | | | | 91 | 91 | | |
| 82/ 81 | | | .1 | 1.4 | 3.2 | 3.8 | 1.7 | .6 | .1 | .1 | | | | | | | | 122 | 122 | | |
| 80/ 79 | | | .4 | 2.6 | 4.3 | 4.7 | 1.9 | .3 | | | | | | | | | | 159 | 159 | 3 | |
| 78/ 77 | | | .1 | 2.3 | 4.0 | 2.0 | 2.0 | 1.2 | | | .1 | | | | | | | 129 | 129 | 24 | 2 |
| 76/ 75 | | .2 | .5 | 2.3 | 4.1 | 3.8 | 1.5 | .6 | .1 | .1 | | | | | | | | 146 | 146 | 67 | 12 |
| 74/ 73 | | .3 | .5 | 2.1 | 3.5 | 3.0 | 1.0 | .4 | | .2 | | | | | | | | 133 | 133 | 130 | 52 |
| 72/ 71 | | .4 | .6 | 1.7 | 2.3 | .6 | .4 | .2 | | | | | | | | | | 69 | 70 | 150 | 74 |
| 70/ 69 | | .5 | .8 | 1.9 | 2.5 | .8 | .3 | | | | | | | | | | | 75 | 76 | 152 | 112 |
| 68/ 67 | | .4 | .9 | 2.3 | 1.0 | .4 | | | | | | | | | | | | 55 | 55 | 134 | 130 |
| 66/ 65 | | .2 | .5 | 1.4 | .5 | .1 | | | | | | | | | | | | 30 | 30 | 145 | 143 |
| 64/ 63 | .1 | .6 | .2 | 1.0 | .2 | | | | | | | | | | | | | 23 | 23 | 119 | 101 |
| 62/ 61 | .1 | .4 | .5 | .3 | | | | | | | | | | | | | | 13 | 13 | 79 | 121 |
| 60/ 59 | .2 | .6 | .3 | | | | | | | | | | | | | | | 12 | 12 | 47 | 116 |
| 58/ 57 | | .3 | .4 | .2 | | | | | | | | | | | | | | 9 | 9 | 37 | 100 |
| 56/ 55 | | .3 | .4 | .1 | | | | | | | | | | | | | | 8 | 8 | 11 | 57 |
| 54/ 53 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 6 | 50 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 4 | 20 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 1 | 10 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 7 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 2 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | 4.0 | 6.0 | 20.0 | 28.8 | 23.7 | 12.0 | 3.9 | .3 | .5 | .1 | | | | | | | 1111 | 1113 | 1111 | 1111 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature < 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5061038 | 74076 | 66.7 | 10.484 | 1111 | | | | | | | |
| Dry Bulb | 6388042 | 84032 | 75.5 | 6.261 | 1113 | | | 85.0 | 68.2 | 29.2 | | 93 |
| Wet Bulb | 5119297 | 75187 | 67.7 | 5.286 | 1111 | | | 55.2 | 18.6 | | | 93 |
| Dew Point | 4510939 | 70462 | 63.4 | 6.067 | 1111 | | | 32.0 | 5.5 | | | 93 |

USAF ETAC FORM NO. 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | MAR MONTH

PAGE 1 | 1800-2000 HOURS (L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D B /W B | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | .1 | .1 | .5 | .2 | | | | | | | | | | | | | 9 | 9 | | |
| 80/ 79 | | | 1.5 | 1.4 | 1.2 | .3 | | | | | | | | | | | | | 45 | 45 | | |
| 78/ 77 | | .5 | 3.2 | 3.0 | 1.3 | .4 | .2 | .1 | | | | | | | | | | | 95 | 95 | 2 | |
| 76/ 75 | | .5 | 3.2 | 4.0 | 1.6 | .6 | | | | | | | | | | | | | 110 | 110 | 30 | 6 |
| 74/ 73 | | .4 | 4.3 | 5.0 | 1.8 | 1.1 | | | | | | | | | | | | | 139 | 139 | 80 | 39 |
| 72/ 71 | | .6 | 2.9 | 4.6 | 2.3 | .4 | .2 | | | | | | | | | | | | 121 | 121 | 90 | 61 |
| 70/ 69 | | .5 | 4.9 | 4.6 | 1.6 | .5 | .1 | | .1 | | | | | | | | | | 136 | 136 | 114 | 80 |
| 68/ 67 | | .6 | 5.0 | 3.5 | .9 | .2 | | | | | | | | | | | | | 114 | 114 | 122 | 106 |
| 66/ 65 | | 1.2 | 4.4 | 2.8 | .7 | .2 | .1 | | | | | | | | | | | | 104 | 107 | 144 | 111 |
| 64/ 63 | | 1.4 | 2.4 | 1.7 | .4 | | .1 | | | | | | | | | | | | 66 | 66 | 152 | 119 |
| 62/ 61 | | 1.9 | 2.6 | 1.2 | .1 | .1 | | | | | | | | | | | | | 65 | 65 | 117 | 132 |
| 60/ 59 | .1 | 2.1 | 2.3 | 1.1 | .1 | | | | | | | | | | | | | | 63 | 63 | 95 | 139 |
| 58/ 57 | .1 | .5 | 1.4 | .4 | | | | | | | | | | | | | | | 26 | 26 | 80 | 113 |
| 56/ 55 | | .4 | .5 | | | | | | | | | | | | | | | | 10 | 10 | 42 | 84 |
| 54/ 53 | | .2 | .4 | | | | | | | | | | | | | | | | 6 | 6 | 29 | 36 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 10 | 49 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 | 25 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 7 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .2 | 10.6 | 39.0 | 33.2 | 12.3 | 3.9 | .6 | .1 | .1 | | | | | | | | | | | 1113 | | 1110 |
| | | | | | | | | | | | | | | | | | | | 1110 | | 1110 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6749481 | 86041 | 77.5 | 8.497 | 1110 | | | | | | | |
| Dry Bulb | 5421399 | 77387 | 69.5 | 6.048 | 1113 | | | 64.3 | 33.3 | 2.3 | | 93 |
| Wet Bulb | 4699587 | 71955 | 64.8 | 5.630 | 1110 | | | 36.7 | 9.4 | | | 93 |
| Dew Point | 4320250 | 68910 | 62.1 | 6.172 | 1110 | | | 24.5 | 3.8 | | | 93 |

USAF ETAC FORM 0-26.5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-PAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | MAR MONTH

PAGE 1 | 2100-2300 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 78/ 77 | | .4 | .4 | .2 | .1 | | | | | | | | | | | | | 17 | 17 | | |
| 76/ 75 | | 1.3 | 3.0 | .5 | | | | | | | | | | | | | | 52 | 52 | 10 | 3 |
| 74/ 73 | | 2.2 | 3.7 | 1.0 | | | | | | | | | | | | | | 81 | 81 | 33 | 19 |
| 72/ 71 | | 3.0 | 4.8 | 1.3 | .4 | | | | | | | | | | | | | 104 | 104 | 72 | 41 |
| 70/ 69 | | 2.4 | 6.2 | 1.6 | .2 | | .1 | | | | | | | | | | | 117 | 117 | 82 | 83 |
| 68/ 67 | .2 | 3.6 | 7.3 | 1.9 | .5 | | | | | | | | | | | | | 150 | 150 | 111 | 66 |
| 66/ 65 | | 4.6 | 5.2 | 1.6 | | | | | | | | | | | | | | 129 | 129 | 126 | 114 |
| 64/ 63 | | 3.9 | 6.3 | 1.1 | .5 | | | | | | | | | | | | | 130 | 133 | 136 | 122 |
| 62/ 61 | | 4.2 | 3.1 | .7 | .1 | .1 | | | | | | | | | | | | 91 | 91 | 123 | 124 |
| 60/ 59 | .2 | 4.7 | 3.2 | 1.3 | .3 | .1 | | | | | | | | | | | | 108 | 108 | 147 | 129 |
| 58/ 57 | | 2.6 | 3.2 | .9 | .1 | | | | | | | | | | | | | 76 | 76 | 92 | 125 |
| 56/ 55 | .3 | 1.1 | 2.1 | .2 | | | | | | | | | | | | | | 40 | 40 | 86 | 110 |
| 54/ 53 | | .5 | .4 | | | | | | | | | | | | | | | 10 | 10 | 49 | 55 |
| 52/ 51 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 35 | 52 |
| 50/ 49 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 8 | 40 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 22 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .6 | 35.4 | 49.5 | 12.2 | 2.1 | .2 | .1 | | | | | | | | | | | | 113 | | 1110 |
| | | | | | | | | | | | | | | | | | | 1110 | | 1110 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7893507 | 93281 | 84.0 | 7.007 | 1110 | | | | | | | |
| Dry Bulb | 4850903 | 73207 | 65.8 | 5.670 | 1113 | | | 43.5 | 12.5 | | | 93 |
| Wet Bulb | 4401272 | 69606 | 62.7 | 5.730 | 1110 | | | 25.8 | 3.6 | | | 93 |
| Dew Point | 4145851 | 67481 | 60.8 | 6.258 | 1110 | | | 17.8 | 1.8 | | | 93 |

FORM AM 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAF ETAC

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | MAR MONTH

 | ALL HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL DB/WB | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90/ 89 | | | | | | | | .0 | .0 | .0 | | | | | | | | 4 | 4 | | |
| 88/ 87 | | | | | | .1 | .1 | .0 | .0 | | | | | | | | | 21 | 21 | | |
| 86/ 85 | | | | .0 | .3 | .5 | .4 | .1 | | | | | | | | | | 121 | 121 | | |
| 84/ 83 | | | .0 | .1 | .7 | 1.2 | .7 | .2 | .0 | .0 | | | | | | | | 260 | 260 | | |
| 82/ 81 | | | .0 | .3 | 1.0 | 1.2 | .6 | .3 | .1 | .0 | | | | | | | | 324 | 324 | | |
| 80/ 79 | | | .2 | .9 | 1.4 | 1.5 | .6 | .1 | .1 | | | | | | | | | 437 | 437 | 9 | |
| 78/ 77 | | .1 | .6 | 1.1 | 1.3 | .8 | .7 | .2 | .1 | | .0 | | | | | | | 451 | 451 | 61 | 3 |
| 76/ 75 | | .5 | 1.1 | 1.6 | 1.2 | 1.4 | .5 | .2 | .0 | .0 | | | | | | | | 588 | 588 | 221 | 38 |
| 74/ 73 | .0 | 1.2 | 1.6 | 1.6 | 1.3 | 1.2 | .3 | .1 | .0 | .0 | | | | | | | | 656 | 656 | 529 | 198 |
| 72/ 71 | .1 | 1.8 | 1.7 | 1.5 | 1.4 | .4 | .2 | .0 | .0 | | | | | | | | | 631 | 634 | 7 | 399 |
| 70/ 69 | .1 | 2.5 | 2.0 | 1.9 | 1.1 | .4 | .1 | | .0 | | | | | | | | | 788 | 788 | 797 | 642 |
| 68/ 67 | .2 | 3.1 | 2.9 | 1.6 | .7 | .2 | .1 | | .0 | | | | | | | | | 780 | 780 | 867 | 705 |
| 66/ 65 | .2 | 4.0 | 2.9 | 1.3 | .4 | .1 | .0 | | .0 | | | | | | | | | 786 | 789 | 1019 | 876 |
| 64/ 63 | .1 | 3.6 | 2.7 | .8 | .2 | .1 | .0 | | | | | | | | | | | 668 | 672 | 1024 | 879 |
| 62/ 61 | .3 | 4.0 | 2.1 | .5 | .1 | .0 | | .0 | | | | | | | | | | 630 | 630 | 894 | 1020 |
| 60/ 59 | .4 | 4.6 | 2.2 | .7 | .1 | .0 | | | | | | | | | | | | 709 | 709 | 919 | 1028 |
| 58/ 57 | .3 | 2.7 | 1.8 | .5 | .1 | .0 | .0 | | | | | | | | | | | 491 | 491 | 704 | 1012 |
| 56/ 55 | .5 | 1.8 | 1.6 | .2 | .0 | .0 | | | | | | | | | | | | 370 | 370 | 536 | 775 |
| 54/ 53 | | .7 | .4 | .0 | .0 | | | | | | | | | | | | | 105 | 105 | 318 | 463 |
| 52/ 51 | .0 | .3 | .1 | .0 | | | | | | | | | | | | | | 44 | 44 | 224 | 367 |
| 50/ 49 | .0 | .2 | .1 | | | | | | | | | | | | | | | 28 | 28 | 97 | 244 |
| 48/ 47 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 25 | 158 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 2 | 39 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 21 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 16 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.3 | 31.1 | 25.0 | 14.9 | 11.4 | 9.1 | 4.3 | 1.4 | .4 | .1 | .0 | | | | | | | | 8904 | | 8893 |
| | | | | | | | | | | | | | | | | | | 8893 | | 8893 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No of Hours with Temperature ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 56481879 | 699305 | 78.6 | 12.926 | 8892 | | | | | | | |
| Dry Bulb | 42272593 | 609307 | 68.4 | 8.052 | 8904 | | | 423.2 | 239.1 | 83.2 | | 744 |
| Wet Bulb | 36565585 | 567497 | 63.8 | 6.286 | 8893 | | | 261.9 | 68.6 | | | 744 |
| Dew Point | 33002486 | 543666 | 61.1 | 6.415 | 8893 | | | 166.1 | 20.0 | | | 744 |

USAF ETAC FORM AWS 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | APR MONTH



0000-0200 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | | | | | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | .2 | .7 | .5 | | | .1 | | | | | | | | | | | | | | | 10 | 10 | | |
| 78/ 77 | | 2.4 | 2.2 | .6 | | | | | | | | | | | | | | | | | | 57 | 57 | 9 | |
| 76/ 75 | .4 | 7.8 | 4.3 | .7 | | | | | | | | | | | | | | | | | | 142 | 142 | 56 | 26 |
| 74/ 73 | .5 | 10.9 | 8.9 | .7 | | | | | | | | | | | | | | | | | | 227 | 227 | 157 | 131 |
| 72/ 71 | | 8.0 | 5.7 | .3 | | | | | | | | | | | | | | | | | | 150 | 150 | 165 | 130 |
| 70/ 69 | .2 | 9.2 | 6.0 | .3 | | | | | | | | | | | | | | | | | | 169 | 169 | 179 | 186 |
| 68/ 67 | .4 | 6.4 | 4.7 | .5 | .2 | | | | | | | | | | | | | | | | | 131 | 131 | 161 | 159 |
| 66/ 65 | .3 | 3.8 | 2.3 | .6 | | | | | | | | | | | | | | | | | | 75 | 75 | 138 | 154 |
| 64/ 63 | .2 | 2.4 | 1.0 | .7 | | | | | | | | | | | | | | | | | | 47 | 47 | 84 | 103 |
| 62/ 61 | .1 | .6 | 1.6 | .2 | | | | | | | | | | | | | | | | | | 27 | 27 | 51 | 76 |
| 60/ 59 | | .9 | .3 | .1 | | .3 | | | | | | | | | | | | | | | | 17 | 17 | 33 | 29 |
| 58/ 57 | .3 | .3 | | | | | | | | | | | | | | | | | | | | 6 | 6 | 20 | 30 |
| 56/ 55 | | .4 | .1 | | | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 35 |
| 54/ 53 | .6 | | .4 | | | | | | | | | | | | | | | | | | | 10 | 10 | 9 | 7 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | 4 | 5 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.8 | 53.3 | 38.2 | 5.2 | .2 | .3 | .1 | | | | | | | | | | | | | | | | 1079 | | 1079 |
| | | | | | | | | | | | | | | | | | | | | | | 1079 | | 1079 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8469703 | 95391 | 88.4 | 5.818 | 1079 | | | | | | | |
| Dry Bulb | 5399010 | 76152 | 70.6 | 4.765 | 1079 | | | 74.4 | 36.9 | .4 | | 90 |
| Wet Bulb | 5036666 | 73552 | 68.1 | 4.872 | 1079 | | | 60.3 | 18.2 | | | 90 |
| Dew Point | 4862672 | 72212 | 66.9 | 5.266 | 1079 | | | 52.7 | 13.1 | | | 90 |

FORM AWS 64 0-26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAF ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) APR (MONTH)

 0300-0500 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D B./W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80/ 79 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | .8 | 1.1 | .4 | | | | | | | | | | | | | | 25 | 25 | | |
| 76/ 75 | .1 | 5.2 | 1.0 | | | | | | | | | | | | | | | 68 | 68 | 20 | 13 |
| 74/ 73 | 1.3 | 14.2 | 4.0 | .3 | | | | | | | | | | | | | | 213 | 213 | 113 | 81 |
| 72/ 71 | .7 | 12.0 | 4.0 | | | | | | | | | | | | | | | 181 | 181 | 173 | 154 |
| 70/ 69 | .9 | 9.6 | 4.0 | .2 | | | | | | | | | | | | | | 159 | 159 | 181 | 188 |
| 68/ 67 | .6 | 9.2 | 3.5 | .1 | | | | | | | | | | | | | | 145 | 145 | 158 | 146 |
| 66/ 65 | 1.4 | 8.0 | 2.1 | .4 | | | | | | | | | | | | | | 128 | 128 | 153 | 138 |
| 64/ 63 | .8 | 4.4 | 1.5 | .4 | | | | | | | | | | | | | | 76 | 76 | 113 | 141 |
| 62/ 61 | | 1.7 | 1.7 | .2 | | | .1 | | | | | | | | | | | 39 | 39 | 69 | 83 |
| 60/ 59 | | 1.5 | .4 | | | .1 | .1 | | | | | | | | | | | 22 | 22 | 34 | 50 |
| 58/ 57 | .2 | .5 | .1 | | | | | | | | | | | | | | | 8 | 8 | 37 | 33 |
| 56/ 55 | | .6 | | | | | | | | | | | | | | | | 7 | 7 | 2 | 28 |
| 54/ 53 | .2 | .3 | .1 | | | | | | | | | | | | | | | 6 | 6 | 12 | 10 |
| 52/ 51 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 1 | 9 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 4 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 2 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 2 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 6.3 | 67.9 | 23.7 | 1.9 | | .1 | .2 | | | | | | | | | | | 1080 | 1080 | 1080 | 1080 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8907549 | 97893 | 90.6 | 5.643 | 1080 | | | | | | | |
| Dry Bulb | 5196875 | 74753 | 69.2 | 4.596 | 1080 | | | 66.0 | 25.6 | ≥ 1 | | 90 |
| Wet Bulb | 4921021 | 72717 | 67.3 | 4.808 | 1080 | | | 54.4 | 11.8 | | | 90 |
| Dew Point | 4776208 | 71600 | 66.3 | 5.219 | 1080 | | | 48.5 | 7.8 | | | 90 |

FORM 0-26-5 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAF ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FURMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | APR MONTH

PAGE 1 | 0600-0800 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | > 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | .1 | .2 | | | | | | | | | | | | 3 | 3 | | |
| 82/ 81 | | | .2 | .8 | .4 | .3 | | | | | | | | | | | | 16 | 16 | | |
| 80/ 79 | | .1 | 1.3 | .7 | .6 | .1 | | | | | | | | | | | | 31 | 31 | | |
| 78/ 77 | | 1.1 | 3.1 | 2.7 | .6 | .1 | | | | | | | | | | | | 81 | 81 | 3 | 1 |
| 76/ 75 | .1 | 4.4 | 3.7 | 1.6 | .1 | | | | | | | | | | | | | 106 | 106 | 62 | 20 |
| 74/ 73 | .7 | 8.7 | 5.6 | 2.1 | .3 | | | | | | | | | | | | | 189 | 189 | 128 | 95 |
| 72/ 71 | .7 | 8.1 | 5.0 | 1.5 | .1 | | | | | | | | | | | | | 167 | 167 | 177 | 155 |
| 70/ 69 | .3 | 7.4 | 4.3 | .7 | .1 | | | | | | | | | | | | | 136 | 136 | 178 | 181 |
| 68/ 67 | .6 | 6.0 | 3.6 | .6 | | | | | | | | | | | | | | 116 | 116 | 165 | 156 |
| 66/ 65 | .5 | 6.7 | 2.0 | .6 | .1 | | | | | | | | | | | | | 107 | 107 | 114 | 128 |
| 64/ 63 | .3 | 2.7 | 1.3 | .2 | | | | | | | | | | | | | | 50 | 50 | 112 | 128 |
| 62/ 61 | .2 | 1.6 | 1.0 | .2 | | | | | | | | | | | | | | 32 | 32 | 58 | 86 |
| 60/ 59 | .2 | .7 | .2 | .3 | .1 | | | | | | | | | | | | | 16 | 16 | 39 | 49 |
| 58/ 57 | .1 | .8 | .2 | | | | | | | | | | | | | | | 12 | 12 | 21 | 35 |
| 56/ 55 | | .4 | .4 | | | | | | | | | | | | | | | 8 | 8 | 7 | 21 |
| 54/ 53 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 7 | 10 |
| 52/ 51 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 2 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 3 | 7 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 3.9 | 48.7 | 32.2 | 12.1 | 2.4 | .6 | | | | | | | | | | | | | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8279971 | 94207 | 87.2 | 7.606 | 1080 | | | | | | | |
| Dry Bulb | 5417921 | 76283 | 70.6 | 5.261 | 1080 | | | 70.9 | 35.7 | 3.2 | | 90 |
| Wet Bulb | 5008603 | 73357 | 67.9 | 4.905 | 1080 | | | 59.4 | 16.1 | | | 90 |
| Dew Point | 4811658 | 71870 | 66.5 | 5.182 | 1080 | | | 50.7 | 9.7 | | | 90 |

USAF ETAC FORM No. 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | APR MONTH

 0900-1100 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | .2 | .1 | .1 | .2 | .1 | | | | | | | | | 7 | 7 | | |
| 88/ 87 | | | | .1 | .5 | 1.4 | 1.3 | .1 | | | | | | | | | | 36 | 36 | | |
| 86/ 85 | | | | .2 | 2.3 | 4.5 | 2.0 | .3 | | | | | | | | | | 101 | 101 | | |
| 84/ 83 | | | | 1.3 | 5.7 | 4.7 | 1.8 | .3 | | | | | | | | | | 149 | 149 | | |
| 82/ 81 | | | .6 | 2.6 | 5.7 | 3.0 | 1.1 | .1 | | | | | | | | | | 141 | 141 | 4 | |
| 80/ 79 | | | 1.3 | 5.0 | 5.4 | 3.0 | .6 | .2 | | | | | | | | | | 166 | 166 | 10 | 3 |
| 78/ 77 | | .6 | .9 | 4.3 | 3.9 | 2.0 | .6 | .1 | | | | | | | | | | 137 | 137 | 76 | 6 |
| 76/ 75 | | .6 | 2.1 | 4.0 | 2.8 | .6 | .6 | | | | | | | | | | | 115 | 115 | 202 | 51 |
| 74/ 73 | | 1.1 | 1.1 | 3.2 | 1.5 | .4 | .1 | | | | | | | | | | | 80 | 80 | 227 | 122 |
| 72/ 71 | .3 | .6 | 1.2 | 1.1 | .7 | .3 | .2 | | | | | | | | | | | 48 | 48 | 194 | 214 |
| 70/ 69 | | .6 | 1.1 | 1.5 | .6 | | .1 | | | | | | | | | | | 41 | 41 | 129 | 207 |
| 68/ 67 | | .2 | .8 | .5 | | | | | | | | | | | | | | 16 | 16 | 98 | 149 |
| 66/ 65 | | .5 | .6 | | | | | | | | | | | | | | | 11 | 11 | 52 | 115 |
| 64/ 63 | | .1 | .3 | .2 | .2 | .1 | | | | | | | | | | | | 9 | 9 | 38 | 66 |
| 62/ 61 | | .6 | | .2 | | | | | | | | | | | | | | 9 | 9 | 22 | 67 |
| 60/ 59 | .2 | .5 | | .1 | | | | | | | | | | | | | | 8 | 8 | 13 | 33 |
| 58/ 57 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 5 | 21 |
| 56/ 55 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 13 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 3 | 6 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 4 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .5 | 5.8 | 10.0 | 24.5 | 29.4 | 20.0 | 8.3 | 1.2 | .2 | | | | | | | | | | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum. | 5547266 | 76724 | 71.0 | 9.469 | 1080 | | | | | | | |
| Dry Bulb | 6694773 | 84801 | 78.5 | 5.796 | 1080 | | | 86.5 | 77.8 | 45.3 | | 90 |
| Wet Bulb | 5540103 | 77197 | 71.5 | 4.532 | 1080 | | | 78.3 | 43.3 | .6 | | 90 |
| Dew Point | 5047677 | 73649 | 68.2 | 4.342 | 1080 | | | 62.7 | 15.3 | .2 | | 90 |

USAF ETAC FORM NO. 64 0-26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | APR MONTH

 | 1200-1400 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | .3 | .1 | | .3 | .1 | | | | | | | | 8 | 8 | | |
| 90/ 89 | | | | | .5 | 1.2 | 1.1 | 1.2 | .1 | | | | | | | | | 44 | 44 | | |
| 88/ 87 | | | | .2 | 1.2 | 4.5 | 4.1 | .8 | .3 | | | | | | | | | 120 | 120 | | |
| 86/ 85 | | | .1 | .2 | 4.0 | 9.0 | 5.2 | 1.7 | .2 | .1 | | | | | | | | 220 | 220 | | |
| 84/ 83 | | | .2 | 1.5 | 4.9 | 9.4 | 3.8 | .6 | | | | | | | | | | 220 | 220 | 2 | |
| 82/ 81 | | .1 | .4 | 1.8 | 3.9 | 5.2 | 2.6 | .1 | | | | | | | | | | 151 | 151 | 12 | 1 |
| 80/ 79 | | .1 | .7 | 1.9 | 3.6 | 3.1 | 1.0 | .3 | | | | | | | | | | 117 | 117 | 37 | 9 |
| 78/ 77 | | | .2 | .7 | 2.5 | 1.6 | .3 | .2 | | | | | | | | | | 59 | 59 | 160 | 18 |
| 76/ 75 | | .6 | .6 | .9 | 1.2 | .3 | | | | | | | | | | | | 38 | 38 | 247 | 73 |
| 74/ 73 | | .6 | .3 | 1.0 | .7 | .6 | .3 | | | | | | | | | | | 38 | 38 | 243 | 155 |
| 72/ 71 | .1 | .5 | .5 | .2 | .4 | | .2 | .1 | | | | | | | | | | 20 | 20 | 158 | 232 |
| 70/ 69 | | .1 | .7 | .4 | .3 | | | | | | | | | | | | | 16 | 16 | 101 | 196 |
| 68/ 67 | | .3 | .4 | | | | | | | | | | | | | | | 7 | 7 | 53 | 145 |
| 66/ 65 | | .3 | .2 | .2 | | | | | | | | | | | | | | 7 | 7 | 26 | 93 |
| 64/ 63 | | .1 | | | .1 | | | | | | | | | | | | | 2 | 2 | 17 | 77 |
| 62/ 61 | | .6 | | | | | | | | | | | | | | | | 6 | 6 | 7 | 37 |
| 60/ 59 | | .2 | | .1 | | | | | | | | | | | | | | 3 | 3 | 11 | 19 |
| 58/ 57 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 11 |
| 56/ 55 | .1 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 7 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | 3 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 3 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .2 | 3.4 | 4.3 | 9.1 | 23.2 | 35.3 | 18.6 | 4.9 | .8 | .2 | | | | | | | | 1080 | 1080 | 1080 | 1080 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4784248 | 71190 | 65.9 | 9.216 | 1080 | | | | | | | |
| Dry Bulb | 7290339 | 88545 | 82.0 | 5.367 | 1080 | | | 88.2 | 84.6 | 70.1 | | 90 |
| Wet Bulb | 5808766 | 79080 | 73.2 | 4.124 | 1080 | | | 84.4 | 58.4 | 2.3 | | 90 |
| Dew Point | 5207309 | 74833 | 69.3 | 4.530 | 1080 | | | 69.1 | 21.3 | .4 | | 90 |

FORM AWS 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TAE STATION NAME | 54-65 YEARS | APR MONTH

 1500-1700 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL DB/WB | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | .1 | | .2 | | | .1 | | | | | | | 4 | 4 | | |
| 90/ 89 | | | | | .2 | .5 | .3 | .0 | | .1 | | | | | | | | 17 | 17 | | |
| 88/ 87 | | | | | 1.7 | 2.4 | 1.4 | .5 | .5 | | | | | | | | | 69 | 69 | | |
| 86/ 85 | | | .1 | 1.2 | 5.2 | 6.9 | 2.5 | 1.0 | | | | | | | | | | 183 | 183 | | |
| 84/ 83 | | | .3 | 2.0 | 5.9 | 7.2 | 3.5 | .5 | | | | | | | | | | 210 | 210 | | |
| 82/ 81 | | | .2 | 3.7 | 6.8 | 5.9 | 1.7 | .4 | | | | | | | | | | 201 | 201 | 0 | |
| 80/ 79 | | .3 | .7 | 3.0 | 5.0 | 2.6 | .8 | .1 | .1 | | | | | | | | | 130 | 136 | 44 | 6 |
| 78/ 77 | | .1 | 1.2 | 2.5 | 3.1 | 1.3 | .4 | .1 | | | | | | | | | | 93 | 93 | 139 | 31 |
| 76/ 75 | | .1 | 1.1 | 1.7 | 1.3 | .6 | | | | | | | | | | | | 51 | 51 | 226 | 74 |
| 74/ 73 | .2 | .3 | .5 | .9 | .7 | | .2 | | | | | | | | | | | 30 | 30 | 251 | 154 |
| 72/ 71 | | .5 | .9 | 1.0 | .5 | .3 | .1 | | | | | | | | | | | 35 | 35 | 180 | 226 |
| 70/ 69 | | .3 | .4 | .7 | .3 | | | | | | | | | | | | | 18 | 18 | 96 | 193 |
| 68/ 67 | | .4 | .9 | .1 | .1 | | | | | | | | | | | | | 16 | 16 | 59 | 157 |
| 66/ 65 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 31 | 89 |
| 64/ 63 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 22 | 65 |
| 62/ 61 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 13 | 49 |
| 60/ 59 | .2 | | | .2 | | | | | | | | | | | | | | 4 | 4 | 5 | 17 |
| 58/ 57 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | 3 |
| 56/ 55 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 |
| 54/ 53 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 5 | 4 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 1 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .6 | 2.5 | 6.9 | 17.1 | 30.6 | 27.8 | 10.8 | 3.2 | .6 | .1 | .1 | | | | | | | 1080 | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5159123 | 73969 | 68.5 | 9.284 | 1080 | | | | | | | |
| Dry Bulb | 7101892 | 87398 | 80.9 | 5.210 | 1080 | | | 88.6 | 82.8 | 64.3 | | 90 |
| Wet Bulb | 5769327 | 78811 | 73.0 | 4.112 | 1080 | | | 83.6 | 55.7 | 2.3 | | 90 |
| Dew Point | 5222281 | 74939 | 69.4 | 4.558 | 1080 | | | 70.1 | 22.1 | .1 | | 90 |

FORM AC 64 0-26.5 (OL-1) USAF ETAC REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) APR (MONTH)



1800-2000 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | .1 | | .1 | .1 | .2 | | | | | | | | | | | | 5 | 5 | | |
| 84/ 83 | | | .1 | 1.9 | .9 | 1.0 | .4 | | | | | | | | | | | 46 | 46 | 1 | 1 |
| 82/ 81 | | .1 | 1.7 | 4.7 | 2.9 | .8 | .2 | | | | | | | | | | | 112 | 112 | | |
| 80/ 79 | | .6 | 5.3 | 8.2 | 4.4 | 1.0 | .1 | | | | | | | | | | | 213 | 213 | 7 | 1 |
| 78/ 77 | .2 | 1.2 | 5.9 | 6.2 | 3.5 | .4 | | | | | | | | | | | | 188 | 180 | 63 | 15 |
| 76/ 75 | .1 | 1.0 | 4.5 | 7.8 | 2.3 | .4 | | | | | | | | | | | | 174 | 174 | 167 | 68 |
| 74/ 73 | .2 | 1.1 | 4.6 | 4.2 | 1.9 | | | | | | | | | | | | | 129 | 129 | 225 | 163 |
| 72/ 71 | .2 | .9 | 2.9 | 1.8 | .6 | | | | | | | | | | | | | 68 | 68 | 187 | 159 |
| 70/ 69 | .1 | .7 | 2.2 | 2.3 | .4 | .2 | | | | | | | | | | | | 64 | 64 | 179 | 194 |
| 68/ 67 | | .6 | 1.2 | .6 | .3 | | | | | | | | | | | | | 30 | 30 | 94 | 179 |
| 66/ 65 | | .6 | 1.1 | .2 | | | | | | | | | | | | | | 21 | 21 | 63 | 106 |
| 64/ 63 | | .3 | .3 | | | | | | | | | | | | | | | 6 | 6 | 40 | 76 |
| 62/ 61 | | .5 | .2 | .2 | | | | | | | | | | | | | | 9 | 9 | 27 | 46 |
| 60/ 59 | .1 | .4 | .3 | | | | | | | | | | | | | | | 8 | 8 | 11 | 39 |
| 58/ 57 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 4 | 12 |
| 56/ 55 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 2 | 10 |
| 54/ 53 | .1 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 3 | 5 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 1 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .9 | 8.4 | 30.4 | 38.3 | 17.2 | 4.0 | .6 | .1 | | | | | | | | | | 1080 | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6629839 | 84183 | 77.9 | 7.939 | 1080 | | | | | | | |
| Dry Bulb | 6272100 | 82130 | 76.0 | 4.949 | 1080 | | | 85.8 | 72.3 | 23.9 | | 90 |
| Wet Bulb | 5465018 | 76674 | 71.0 | 4.473 | 1080 | | | 76.9 | 38.6 | .1 | | 90 |
| Dew Point | 5107063 | 74083 | 68.6 | 4.843 | 1080 | | | 65.0 | 20.7 | .1 | | 90 |

USAF-ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | APR MONTH



2100-2300 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | > 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | .4 | .2 | | .1 | | | | | | | | | | | | 7 | 7 | | |
| 80/ 79 | | .6 | 3.6 | 1.9 | | | | | | | | | | | | | | 67 | 67 | | |
| 78/ 77 | | 4.0 | 7.0 | 3.4 | .2 | | | | | | | | | | | | | 158 | 158 | 21 | 5 |
| 76/ 75 | .5 | 6.7 | 9.1 | 4.5 | .3 | | | | | | | | | | | | | 227 | 227 | 122 | 59 |
| 74/ 73 | .2 | 3.[illegible] | 0.2 | 2.5 | .2 | | | | | | | | | | | | | 176 | 176 | 181 | 151 |
| 72/ 71 | | 3.2 | 7.0 | 1.5 | | | | | | | | | | | | | | 130 | 130 | 179 | 142 |
| 70/ 69 | .4 | 4.3 | 6.4 | 1.9 | .5 | | | | | | | | | | | | | 144 | 144 | 186 | 187 |
| 68/ 67 | .2 | .9 | 3.2 | .7 | | | | | | | | | | | | | | 55 | 55 | 151 | 173 |
| 66/ 65 | .2 | 2.1 | 1.7 | .2 | | | | | | | | | | | | | | 45 | 45 | 82 | 125 |
| 64/ 63 | .1 | .6 | 1.6 | .6 | | | | | | | | | | | | | | 32 | 32 | 62 | 87 |
| 62/ 61 | | .4 | .6 | .1 | | | | | | | | | | | | | | 11 | 11 | 38 | 49 |
| 60/ 59 | | .9 | .5 | | | .1 | | | | | | | | | | | | 16 | 16 | 26 | 34 |
| 58/ 57 | .1 | .2 | .1 | | | | | | | | | | | | | | | 4 | 4 | 14 | 30 |
| 56/ 55 | | .1 | .2 | .2 | | | | | | | | | | | | | | 5 | 5 | 5 | 24 |
| 54/ 53 | .1 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 3 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 5 | 5 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | 1 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 3 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.7 | 27.8 | 51.5 | 17.8 | 1.1 | .2 | | | | | | | | | | | | 1080 | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7811589 | 91599 | 84.8 | 6.292 | 1080 | | | | | | | |
| Dry Bulb | 5739557 | 78559 | 72.7 | 4.832 | 1080 | | | 80.3 | 52.9 | 3.3 | | 90 |
| Wet Bulb | 5235912 | 75020 | 69.5 | 4.794 | 1080 | | | 70.0 | 27.0 | | | 90 |
| Dew Point | 4999944 | 73272 | 67.8 | 5.170 | 1080 | | | 59.8 | 17.9 | | | 90 |

FORM AF 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF-ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 55-65 YEARS | APR MONTH



ALL HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D B/W B | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb/Dew Point |
| 92/ 91 | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | 13 | 13 | |
| 90/ 89 | | | | | .1 | .2 | .2 | .2 | .0 | .1 | | | | | | | | | | 68 | 68 | |
| 88/ 87 | | | | .0 | .4 | 1.0 | .8 | .2 | .1 | | | | | | | | | | | 226 | 226 | |
| 86/ 85 | | .0 | .0 | .2 | 1.4 | 2.6 | 1.2 | .4 | .0 | .0 | | | | | | | | | | 509 | 509 | |
| 84/ 83 | | | .1 | .8 | 2.2 | 2.8 | 1.2 | .2 | | | | | | | | | | | | 628 | 628 | 3 1 |
| 82/ 81 | | .0 | .4 | 1.7 | 2.3 | 1.9 | .7 | .1 | | | | | | | | | | | | 630 | 630 | 24 1 |
| 80/ 79 | | .2 | 1.7 | 2.7 | 2.4 | 1.2 | .3 | .1 | .0 | | | | | | | | | | | 747 | 747 | 98 19 |
| 78/ 77 | .0 | 1.3 | 2.7 | 2.6 | 1.7 | .7 | .2 | .0 | | | | | | | | | | | | 798 | 798 | 467 76 |
| 76/ 75 | .1 | 3.3 | 3.3 | 2.7 | 1.0 | .2 | .1 | | | | | | | | | | | | | 921 | 921 | 1110 384 |
| 74/ 73 | .4 | 5.0 | 4.4 | 1.9 | .7 | .1 | .1 | | | | | | | | | | | | | 1082 | 1082 | 1525 1052 |
| 72/ 71 | .3 | 4.3 | 3.4 | .9 | .3 | .1 | .1 | .0 | | | | | | | | | | | | 799 | 799 | 1413 1412 |
| 70/ 69 | .2 | 4.0 | 3.1 | 1.0 | .3 | .0 | .0 | | | | | | | | | | | | | 749 | 749 | 1229 1532 |
| 68/ 67 | .2 | 3.0 | 2.3 | .4 | .1 | | | | | | | | | | | | | | | 518 | 518 | 939 1264 |
| 66/ 65 | .3 | 2.7 | 1.3 | .3 | .0 | | | | | | | | | | | | | | | 396 | 396 | 659 948 |
| 64/ 63 | .2 | 1.4 | .7 | .3 | .0 | .0 | | | | | | | | | | | | | | 225 | 225 | 486 743 |
| 62/ 61 | .0 | .8 | .6 | .1 | | | .0 | | | | | | | | | | | | | 137 | 137 | 285 493 |
| 60/ 59 | .1 | .6 | .2 | .1 | .0 | .1 | .0 | | | | | | | | | | | | | 94 | 94 | 172 270 |
| 58/ 57 | .1 | .2 | .1 | .0 | | | | | | | | | | | | | | | | 35 | 35 | 117 175 |
| 56/ 55 | .0 | .2 | .1 | .0 | | | | | | | | | | | | | | | | 34 | 34 | 32 146 |
| 54/ 53 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | 27 | 27 | 43 46 |
| 52/ 51 | | | .0 | | | | | | | | | | | | | | | | | 3 | 3 | 19 34 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 13 16 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 3 12 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 6 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 2.1 | 27.2 | 24.6 | 15.8 | 13.0 | 11.0 | 4.8 | 1.2 | .2 | .0 | .0 | | | | | | | | | 8639 | 8639 | 8639 8639 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 55589288 | 685156 | 79.3 | 12.029 | 8639 | | | | | | | |
| Dry Bulb | 49112673 | 648621 | 75.1 | 0.922 | 8639 | | | 640.7 | 468.6 | 210.6 | | 720 |
| Wet Bulb | 42785416 | 606308 | 70.2 | 5.068 | 8639 | | | 567.4 | 268.9 | 5.3 | | 720 |
| Dew Point | 40034812 | 586458 | 67.9 | 5.083 | 8639 | | | 478.5 | 127.8 | .8 | | 720 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) MAY (MONTH)

PAGE 1 0000-0200 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B/W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | .2 | .1 | | | | | | | | | | | | | | 1 | 3 | | |
| 82/ 81 | | | 1.3 | .5 | .1 | | | | | | | | | | | | | 22 | 22 | | |
| 80/ 79 | .1 | 4.5 | 8.5 | 2.2 | | | | | | | | | | | | | | 171 | 171 | 10 | 1 |
| 78/ 77 | | 13.3 | 13.8 | 1.4 | .3 | .1 | | | | | | | | | | | | 322 | 322 | 110 | 49 |
| 76/ 75 | .9 | 18.5 | 7.2 | .8 | .3 | | | | | | | | | | | | | 308 | 300 | 348 | 213 |
| 74/ 73 | .6 | 11.2 | 3.9 | .5 | .3 | | | | | | | | | | | | | 185 | 185 | 333 | 369 |
| 72/ 71 | .4 | 3.0 | 1.7 | .3 | | | | | | | | | | | | | | 60 | 60 | 185 | 276 |
| 70/ 69 | .2 | .8 | .5 | .7 | .1 | | | | | | | | | | | | | 26 | 26 | 71 | 106 |
| 68/ 67 | | .3 | .3 | | .1 | | | | | | | | | | | | | 7 | 7 | 24 | 45 |
| 66/ 65 | | .2 | .1 | .2 | | | | | | | | | | | | | | 5 | 5 | 14 | 18 |
| 64/ 63 | .4 | .3 | | | | | | | | | | | | | | | | 7 | 7 | 15 | 20 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 6 | 13 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 2 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 2.6 | 51.9 | 37.5 | 6.0 | 1.1 | .1 | | | | | | | | | | | | 1116 | | 1116 | |
| | | | | | | | | | | | | | | | | | | | 1116 | | 1116 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8821281 | 99027 | 88.7 | 5.541 | 1116 | | | | | | | |
| Dry Bulb | 6462490 | 84862 | 76.0 | 2.916 | 1116 | | | 92.0 | 84.3 | 9.8 | | 93 |
| Wet Bulb | 6044403 | 82069 | 73.5 | 2.868 | 1116 | | | 90.1 | 66.8 | | | 93 |
| Dew Point | 5863319 | 80815 | 72.4 | 3.157 | 1116 | | | 88.3 | 52.7 | | | 93 |

FORM AWS 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | MAY (MONTH)

PAGE 1 | 0300-0500 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | | |
| 80/ 79 | | 1.6 | 1.8 | .4 | | | | | | | | | | | | | | 43 | 43 | 1 | |
| 78/ 77 | .8 | 10.8 | 7.8 | .3 | .2 | | | | | | | | | | | | | 213 | 213 | 39 | 17 |
| 76/ 75 | .6 | 26.9 | 5.6 | | .1 | | | | | | | | | | | | | 371 | 371 | 247 | 153 |
| 74/ 73 | 1.7 | 21.1 | 4.3 | .3 | | | | | | | | | | | | | | 309 | 309 | 397 | 386 |
| 72/ 71 | .4 | 6.5 | 2.5 | .3 | | | | | | | | | | | | | | 108 | 108 | 253 | 312 |
| 70/ 69 | 1.1 | 1.7 | .9 | .4 | | | | | | | | | | | | | | 46 | 44 | 97 | 132 |
| 68/ 67 | .3 | .3 | .8 | .1 | | | | | | | | | | | | | | 16 | 16 | 46 | 51 |
| 66/ 65 | .1 | .1 | | .2 | | | | | | | | | | | | | | 4 | 4 | 16 | 29 |
| 64/ 63 | .3 | .4 | | | | | | | | | | | | | | | | 7 | 7 | 15 | 21 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 3 | 12 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 2 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 2 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 4.5 | 69.3 | 24.0 | 2.0 | .3 | | | | | | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9300983 | 101745 | 91.2 | 4.766 | 1116 | | | | | | | |
| Dry Bulb | 6233342 | 83352 | 74.7 | 2.667 | 1116 | | | 92.1 | 77.9 | 1.8 | | 93 |
| Wet Bulb | 5917043 | 81205 | 72.8 | 2.714 | 1116 | | | 90.0 | 57.0 | | | 93 |
| Dew Point | 5778666 | 80238 | 71.9 | 2.954 | 1116 | | | 87.6 | 46.3 | | | 93 |

FORM AWS 64 0-26-5 (OL-11) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 (STATION) | TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | MAY (MONTH)

PAGE 1 | 0600-0800 (HOURS L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | >31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | | .5 | .8 | .4 | | | | | | | | | | | | 20 | 20 | | |
| 84/ 83 | | | .7 | 3.5 | 2.9 | .4 | | | | | | | | | | | | 85 | 85 | | |
| 82/ 81 | | .3 | 2.4 | 5.0 | 1.3 | .1 | | | | | | | | | | | | 99 | 99 | | |
| 80/ 79 | | 1.6 | 8.4 | 4.8 | .7 | .1 | | | | | | | | | | | | 175 | 175 | 21 | 4 |
| 78/ 77 | | 6.6 | 9.1 | 1.9 | .7 | .1 | | | | | | | | | | | | 205 | 205 | 123 | 29 |
| 76/ 75 | | 14.5 | 6.9 | 1.1 | .2 | | | | | | | | | | | | | 253 | 253 | 334 | 164 |
| 74/ 73 | .6 | 9.2 | 3.0 | .7 | | | | | | | | | | | | | | 151 | 151 | 315 | 416 |
| 72/ 71 | .5 | 4.8 | 1.3 | .4 | | | | | | | | | | | | | | 79 | 79 | 177 | 265 |
| 70/ 69 | .6 | 1.4 | .5 | .4 | | .1 | | | | | | | | | | | | 34 | 34 | 93 | 136 |
| 68/ 67 | .1 | .4 | .3 | | .1 | | | | | | | | | | | | | 9 | 9 | 30 | 59 |
| 66/ 65 | .3 | .2 | | .1 | | | | | | | | | | | | | | 6 | 6 | 17 | 23 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 3 | 10 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 7 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 3 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.2 | 39.1 | 32.3 | 18.5 | 6.7 | 1.3 | | | | | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8250002 | 95548 | 85.6 | 7.896 | 1116 | | | | | | | |
| Dry Bulb | 6633810 | 85936 | 77.0 | 3.839 | 1116 | | | 92.5 | 82.3 | 25.7 | | 93 |
| Wet Bulb | 6066755 | 82221 | 73.7 | 2.864 | 1116 | | | 91.1 | 66.1 | .8 | | 93 |
| Dew Point | 5835520 | 80634 | 72.3 | 2.918 | 1116 | | | 89.4 | 51.1 | .1 | | 93 |

USAF-ETAC FORM 0-26.5 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FURMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | MAY MONTH

PAGE 1 | 0900-1100 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92/ 91 | | | | | | | .3 | .2 | | | | | | | | | | 5 | 5 | | |
| 90/ 89 | | | | | .5 | 3.1 | 2.6 | 1.3 | .2 | | | | | | | | | 89 | 89 | | |
| 88/ 87 | | | | .3 | 4.1 | 9.9 | 3.9 | .3 | .2 | .1 | | | | | | | | 209 | 209 | | |
| 86/ 85 | | | .2 | 3.6 | 11.6 | 10.5 | 1.3 | .4 | .1 | | | | | | | | | 310 | 310 | | |
| 84/ 83 | | .1 | .7 | 4.7 | 7.5 | 2.0 | .8 | | .1 | | | | | | | | | 178 | 178 | | |
| 82/ 81 | | .3 | 1.8 | 4.7 | 3.1 | .9 | .2 | .1 | | | | | | | | | | 124 | 124 | 23 | |
| 80/ 79 | | .8 | 2.0 | 3.0 | 1.3 | .3 | .3 | | | | | | | | | | | 85 | 85 | 171 | 21 |
| 78/ 77 | .1 | 1.1 | 2.2 | 1.3 | .3 | .3 | | .1 | | | | | | | | | | 60 | 60 | 400 | 104 |
| 76/ 75 | .2 | .9 | .6 | .3 | .3 | | .1 | | | | | | | | | | | 26 | 26 | 311 | 250 |
| 74/ 73 | .1 | 1.0 | .4 | .2 | .1 | | | | | | | | | | | | | 19 | 19 | 128 | 368 |
| 72/ 71 | | .2 | .2 | | | .1 | | | | | | | | | | | | 5 | 5 | 44 | 232 |
| 70/ 69 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 22 | 68 |
| 68/ 67 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 9 | 36 |
| 66/ 65 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 7 | 19 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 6 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 1 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 2 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .5 | 4.7 | 8.1 | 18.2 | 28.9 | 27.1 | 9.4 | 2.6 | .5 | .1 | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5674478 | 78896 | 70.7 | 9.322 | 1116 | | | | | | | |
| Dry Bulb | 7078483 | 93667 | 83.9 | 3.895 | 1116 | | | 92.9 | 92.1 | 80.9 | | 93 |
| Wet Bulb | 6507413 | 85169 | 76.3 | 2.616 | 1116 | | | 92.3 | 86.1 | 6.8 | | 93 |
| Dew Point | 5995372 | 81726 | 73.2 | 3.066 | 1116 | | | 89.9 | 61.9 | .2 | | 93 |

FORM AM 64 0-26-5 (OL1) USAF ETAC REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

46743 STATION — TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME — 54-65 YEARS — MAY MONTH

PAGE 1 — 1200-1400 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL DB/WB | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 94/ 93 | | | | | | .1 | .2 | .4 | | | | | | | | | | 1 | 1 | | |
| 92/ 91 | | | | | .1 | 1.3 | 3.0 | 1.8 | .2 | | | | | | | | | 71 | 71 | | |
| 90/ 89 | | | | .4 | 1.7 | 8.6 | 10.0 | 3.0 | .1 | .4 | .1 | | | | | | | 273 | 273 | | |
| 88/ 87 | | | .1 | 1.0 | 7.0 | 13.6 | 7.0 | .8 | .2 | | | | | | | | | 331 | 331 | | |
| 86/ 85 | | | .2 | 2.0 | 5.9 | 8.0 | 2.0 | .6 | .1 | | | | | | | | | 209 | 209 | | |
| 84/ 83 | | .4 | .1 | 1.6 | 3.5 | .9 | .6 | .3 | .1 | | | | | | | | | 83 | 83 | 11 | |
| 82/ 81 | | | .8 | .9 | 1.6 | .8 | .4 | .3 | | | | | | | | | | 53 | 53 | 80 | 10 |
| 80/ 79 | | 1.1 | 1.1 | 1.2 | .3 | .1 | .1 | | | | | | | | | | | 42 | 42 | 275 | 37 |
| 78/ 77 | .1 | .4 | .7 | .3 | .1 | | | | | | | | | | | | | 17 | 17 | 420 | 147 |
| 76/ 75 | .4 | .8 | .1 | .2 | | | | | | | | | | | | | | 17 | 17 | 206 | 279 |
| 74/ 73 | .2 | .3 | .2 | | | | | | | | | | | | | | | 7 | 7 | 77 | 330 |
| 72/ 71 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 25 | 192 |
| 70/ 69 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 12 | 53 |
| 68/ 67 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 9 | 37 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 1 | 11 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 12 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 6 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .7 | 3.1 | 3.5 | 7.5 | 20.2 | 33.3 | 23.3 | 7.2 | .6 | .4 | .1 | | | | | | | 1116 | | 1116 | |
| | | | | | | | | | | | | | | | | | | | 1116 | | 1116 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5033244 | 74214 | 66.5 | 9.376 | 1116 | | | | | | | |
| Dry Bulb | 8358820 | 96496 | 86.5 | 3.692 | 1116 | | | 93.0 | 92.5 | 88.2 | .6 | 93 |
| Wet Bulb | 6689380 | 86356 | 77.4 | 2.569 | 1116 | | | 92.9 | 89.1 | 17.8 | | 93 |
| Dew Point | 6089120 | 82358 | 73.8 | 3.184 | 1116 | | | 90.4 | 66.9 | 2.4 | | 93 |

USAF ETAC FORM AWS 64 0-26.5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-63 YEARS | MAY MONTH

PAGE 1 | 1500-1700 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 94/ 93 | | | | | | | | .2 | | | | | | | | | | 2 | 2 | | |
| 92/ 91 | | | | | | .7 | 1.3 | .5 | | | | | | | | | | 29 | 29 | | |
| 90/ 89 | | | | .5 | 1.9 | 3.6 | 5.3 | 1.3 | .6 | .1 | | | | | | | | 148 | 148 | | |
| 88/ 87 | | | | 1.2 | 7.6 | 13.4 | 6.5 | .7 | .2 | | | | | | | | | 330 | 330 | | |
| 86/ 85 | | | .3 | 5.6 | 10.6 | 7.2 | 1.3 | .4 | .1 | | | | | | | | | 282 | 282 | | |
| 84/ 83 | | | .9 | 3.9 | 4.9 | 2.3 | .8 | .1 | | | | | | | | | | 145 | 145 | 8 | |
| 82/ 81 | | .1 | .7 | 2.0 | .9 | 1.5 | .3 | .2 | | | | | | | | | | 63 | 63 | 68 | 8 |
| 80/ 79 | | 1.2 | 1.0 | 1.1 | .4 | .3 | .3 | | | | | | | | | | | 47 | 47 | 259 | 43 |
| 78/ 77 | | .9 | 1.0 | .4 | .1 | | | | | | | | | | | | | 26 | 26 | 419 | 167 |
| 76/ 75 | .1 | 1.3 | .4 | .2 | .1 | | | | | | | | | | | | | 23 | 23 | 218 | 277 |
| 74/ 73 | .1 | .8 | .3 | | | | | | | | | | | | | | | 13 | 13 | 82 | 327 |
| 72/ 71 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 42 | 169 |
| 70/ 69 | .1 | .2 | .2 | | | | | | | | | | | | | | | 5 | 5 | 10 | 54 |
| 68/ 67 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 9 | 45 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 1 | 16 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 6 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 3 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 4.5 | 4.9 | 14.8 | 26.5 | 29.0 | 15.7 | 3.3 | .9 | .1 | | | | | | | | 1116 | | 1116 | |
| | | | | | | | | | | | | | | | | | | | 1116 | | 1116 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3456647 | 77329 | 69.3 | 9.395 | 1116 | | | | | | | |
| Dry Bulb | 8145497 | 95253 | 85.4 | 3.722 | 1116 | | | 93.0 | 92.3 | 86.3 | .2 | 93 |
| Wet Bulb | 6654798 | 86130 | 77.2 | 2.595 | 1116 | | | 92.9 | 87.8 | 15.6 | | 93 |
| Dew Point | 6113393 | 82525 | 73.9 | 3.127 | 1116 | | | 90.8 | 68.5 | 1.7 | | 93 |

FORM NO. 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAF ETAC

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | MAY MONTH

PAGE 1 | 1800-2000 HOURS (L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90/ 89 | | | | | | .2 | .1 | | | | | | | | | | | 3 | 3 | | |
| 88/ 87 | | | | .2 | .6 | .9 | .3 | .2 | | | | | | | | | | 24 | 24 | | |
| 86/ 85 | | | .4 | 3.8 | 5.1 | 4.0 | .4 | .1 | .1 | | | | | | | | | 155 | 155 | | |
| 84/ 83 | | .1 | 3.1 | 9.9 | 8.2 | 1.2 | .4 | .2 | | | | | | | | | | 258 | 258 | | |
| 82/ 81 | | .3 | 5.8 | 11.9 | 4.5 | 1.0 | .4 | | | | | | | | | | | 266 | 266 | 9 | 1 |
| 80/ 79 | | 1.4 | 7.4 | 5.7 | 2.0 | .4 | .1 | .1 | | | | | | | | | | 192 | 192 | 112 | 24 |
| 78/ 77 | | 2.2 | 3.5 | 2.3 | .8 | .2 | .2 | | | | | | | | | | | 102 | 102 | 321 | 110 |
| 76/ 75 | .4 | 2.2 | 2.2 | .2 | .3 | .1 | .1 | | | | | | | | | | | 60 | 60 | 366 | 286 |
| 74/ 73 | .3 | 1.6 | .3 | .3 | .2 | | .1 | | | | | | | | | | | 30 | 30 | 187 | 334 |
| 72/ 71 | .2 | .6 | .3 | .1 | .1 | | | | | | | | | | | | | 14 | 14 | 65 | 213 |
| 70/ 69 | | .3 | | .1 | .2 | | | | | | | | | | | | | 6 | 6 | 23 | 67 |
| 68/ 67 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 17 | 34 |
| 66/ 65 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 8 | 18 |
| 64/ 63 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 11 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 4 | 10 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 5 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .9 | 9.1 | 23.1 | 34.4 | 22.0 | 8.0 | 2.0 | .5 | .1 | | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6788666 | 86474 | 77.5 | 8.893 | 1116 | | | | | | | |
| Dry Bulb | 7361757 | 90555 | 81.1 | 3.531 | 1116 | | | 92.7 | 90.8 | 70.1 | | 93 |
| Wet Bulb | 6380714 | 84326 | 75.6 | 2.835 | 1116 | | | 91.7 | 82.9 | 4.3 | | 93 |
| Dew Point | 6003512 | 81768 | 73.3 | 3.344 | 1116 | | | 89.1 | 62.9 | .4 | | 93 |

FORM 0-26-5 (OL1) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | MAY MONTH

PAGE 1 | 2100-2300 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL DB/WB | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | 1.0 | 1.9 | .5 | | | | | | | | | | | | | 38 | 38 | | |
| 82/ 81 | | .4 | 7.0 | 7.8 | 1.2 | .1 | | | | | | | | | | | | 183 | 183 | | |
| 80/ 79 | | 5.0 | 15.1 | 7.2 | 1.5 | .2 | .1 | | | | | | | | | | | 329 | 325 | 38 | 6 |
| 78/ 77 | | 7.6 | 12.9 | 3.7 | .7 | .1 | | | | | | | | | | | | 279 | 279 | 207 | 90 |
| 76/ 75 | .1 | 5.9 | 5.5 | 2.1 | .6 | .2 | | | | | | | | | | | | 160 | 160 | 402 | 231 |
| 74/ 73 | .4 | 4.9 | 1.0 | .3 | .2 | | | | | | | | | | | | | 76 | 76 | 246 | 407 |
| 72/ 71 | .3 | 1.0 | .4 | .6 | .3 | | | | | | | | | | | | | 28 | 28 | 135 | 202 |
| 70/ 69 | | .5 | .3 | .4 | .1 | .1 | | | | | | | | | | | | 16 | 16 | 40 | 90 |
| 68/ 67 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 15 | 39 |
| 66/ 65 | .1 | .2 | .2 | | | | | | | | | | | | | | | 5 | 5 | 13 | 15 |
| 64/ 63 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 11 | 18 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 5 | 10 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 2 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.1 | 25.7 | 43.4 | 24.0 | 5.1 | .6 | .1 | | | | | | | | | | | 1116 | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 7986391 | 94097 | 84.3 | 6.061 | 1116 | | | | | | | |
| Dry Bulb | 6814776 | 87138 | 78.1 | 3.139 | 1116 | | | 92.3 | 88.4 | 36.3 | | 93 |
| Wet Bulb | 6190803 | 83055 | 74.4 | 2.946 | 1116 | | | 90 5 | 74.4 | .3 | | 93 |
| Dew Point | 5938184 | 81324 | 72.9 | 3.284 | 1116 | | | 86.8 | 61.2 | | | 93 |

FORM AWS 44 0-26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | MAY MONTH



ALL HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 94/ 93 | | | | | | .0 | .0 | .1 | | | | | | | | | | 9 | 9 | | |
| 92/ 91 | | | | | .0 | .2 | .6 | .3 | .0 | | | | | | | | | 105 | 105 | | |
| 90/ 89 | | | | .1 | .5 | 1.9 | 2.3 | .7 | .1 | .1 | .0 | | | | | | | 513 | 513 | | |
| 88/ 87 | | | .0 | .3 | 2.4 | 4.7 | 2.2 | .2 | .1 | .0 | | | | | | | | 894 | 894 | | |
| 86/ 85 | | | .1 | 1.9 | 4.3 | 3.3 | .6 | .2 | .0 | | | | | | | | | 976 | 976 | | |
| 84/ 83 | | .1 | .5 | 3.2 | 3.4 | .9 | .3 | .1 | .0 | | | | | | | | | 790 | 790 | 19 | |
| 82/ 81 | | .2 | 2.3 | 4.1 | 1.6 | .3 | .1 | .1 | | | | | | | | | | 813 | 813 | 180 | 19 |
| 80/ 79 | .0 | 2.2 | 5.7 | 3.2 | .8 | .2 | .1 | .0 | | | | | | | | | | 1080 | 1080 | 887 | 136 |
| 78/ 77 | .0 | 5.3 | 6.4 | 1.4 | .4 | .1 | .0 | .3 | | | | | | | | | | 1224 | 1224 | 2039 | 713 |
| 76/ 75 | .3 | 8.9 | 3.6 | .6 | .2 | .0 | .0 | | | | | | | | | | | 1218 | 1218 | 2432 | 1853 |
| 74/ 73 | .5 | 6.3 | 1.7 | .3 | .1 | | .0 | | | | | | | | | | | 786 | 786 | 1765 | 2937 |
| 72/ 71 | .2 | 2.0 | .6 | .2 | .0 | .0 | | | | | | | | | | | | 297 | 297 | 926 | 1861 |
| 70/ 69 | .3 | .6 | .3 | .3 | .0 | .0 | | | | | | | | | | | | 139 | 139 | 368 | 706 |
| 68/ 67 | .0 | .2 | .2 | .0 | .0 | | | | | | | | | | | | | 42 | 42 | 162 | 346 |
| 66/ 65 | .1 | .1 | .0 | .1 | | | | | | | | | | | | | | 23 | 23 | 77 | 149 |
| 64/ 63 | .1 | .1 | | | | | | | | | | | | | | | | 19 | 19 | 48 | 104 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 19 | 69 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 6 | 16 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 12 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 5 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.6 | 25.9 | 22.1 | 15.8 | 13.8 | 12.4 | 6.3 | 1.7 | .3 | .1 | .0 | | | | | | | | 8928 | | 8928 |
| | | | | | | | | | | | | | | | | | | 8928 | | 8920 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 57311692 | 707328 | 79.2 | 11.942 | 8928 | | | | | | | |
| Dry Bulb | 57888975 | 717259 | 80.3 | 5.456 | 8928 | | | 740.3 | 700.7 | 399.0 | .7 | 744 |
| Wet Bulb | 50451509 | 670531 | 75.1 | 3.206 | 8928 | | | 731.5 | 610.2 | 45.5 | | 744 |
| Dew Point | 47617086 | 651388 | 73.0 | 3.206 | 8928 | | | 714.2 | 471.5 | 4.8 | | 744 |

FORM 0-26-5 (OL1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF-ETAC

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# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUN (MONTH)

PAGE 1 0000-0200 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D B /W B | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | |
| 84/ 83 | | | 1.1 | .5 | | | | | | | | | | | | | | | 17 | 17 | | |
| 82/ 81 | | 3.1 | 4.0 | .6 | | | | | | | | | | | | | | | 83 | 83 | | |
| 80/ 79 | .1 | 25.6 | 7.7 | .5 | | | | | | | | | | | | | | | 366 | 366 | 98 | 38 |
| 78/ 77 | 1.1 | 28.4 | 5.6 | | | | | | | | | | | | | | | | 379 | 379 | 427 | 292 |
| 76/ 75 | 1.9 | 13.1 | 2.0 | .2 | | | | | | | | | | | | | | | 186 | 186 | 392 | 434 |
| 74/ 73 | .1 | 1.9 | .5 | .2 | | | | | | | | | | | | | | | 28 | 28 | 116 | 238 |
| 72/ 71 | .2 | .8 | .1 | | | | | | | | | | | | | | | | 12 | 12 | 29 | 47 |
| 70/ 69 | | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 11 | 17 |
| 68/ 67 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 4 | 10 |
| 66/ 65 | .1 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 4 |
| TOTAL | 3.4 | 73.6 | 20.9 | 2.0 | | | | | | | | | | | | | | | | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 9074221 | 98899 | 91.6 | 4.053 | 1080 | | | | | | | |
| Dry Bulb | 6591183 | 84337 | 78.1 | 2.221 | 1080 | | | 89.8 | 88.4 | 24.0 | | 90 |
| Wet Bulb | 6277147 | 82307 | 76.2 | 2.046 | 1080 | | | 89.8 | 86.1 | 2.4 | | 90 |
| Dew Point | 6140451 | 81403 | 75.4 | 2.120 | 1080 | | | 89.7 | 83.5 | .3 | | 90 |

FORM AWS 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

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# PSYCHROMETRIC SUMMARY

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | JUN (MONTH)

PAGE 1 | 0300-0300 (HOURS (L S T))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B /W B | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | | |
| 84/ 83 | | | .4 | | | | | | | | | | | | | | | 4 | 4 | | |
| 82/ 81 | | 1.3 | .4 | .1 | .1 | | | | | | | | | | | | | 20 | 20 | | |
| 80/ 79 | | 12.5 | 3.9 | | | | | | | | | | | | | | | 177 | 177 | 33 | 19 |
| 78/ 77 | 1.3 | 36.2 | 4.0 | | | | | | | | | | | | | | | 448 | 448 | 270 | 151 |
| 76/ 75 | 4.3 | 25.2 | 1.4 | | | | | | | | | | | | | | | 333 | 333 | 520 | 482 |
| 74/ 73 | .7 | 5.2 | .5 | .2 | | | | | | | | | | | | | | 71 | 71 | 193 | 327 |
| 72/ 71 | | 1.3 | .2 | | | | | | | | | | | | | | | 16 | 16 | 40 | 67 |
| 70/ 69 | | .6 | | | | | | | | | | | | | | | | 4 | 6 | 13 | 21 |
| 68/ 67 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 8 | 7 |
| 66/ 65 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 6 |
| TOTAL | 6.4 | 82.4 | 10.6 | .3 | .3 | | | | | | | | | | | | | | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 9393617 | 100665 | 93.2 | 3.164 | 1080 | | | | | | | |
| Dry Bulb | 6401213 | 83117 | 77.0 | 2.045 | 1080 | | | 89.8 | 87.9 | 6.9 | | 90 |
| Wet Bulb | 6154747 | 81503 | 75.5 | 1.940 | 1080 | | | 89.8 | 84.7 | 1.0 | | 90 |
| Dew Point | 6046521 | 80781 | 74.8 | 2.002 | 1080 | | | 89.5 | 81.6 | | | 90 |

FORM AWS 0-26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JUN MONTH

 0600-0800 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | .3 | .6 | .2 | | | | | | | | | | | | 12 | 12 | | | |
| 86/ 85 | | | .5 | 3.8 | 1.5 | .2 | | | | | | | | | | | | 64 | 64 | | | |
| 84/ 83 | | .1 | 4.7 | 5.4 | .3 | | | | | | | | | | | | | 113 | 113 | | | |
| 82/ 81 | | 1.1 | 7.6 | 4.7 | .3 | | | | | | | | | | | | | 148 | 148 | 12 | | |
| 80/ 79 | .2 | 9.8 | 9.5 | 1.8 | .1 | | | | | | | | | | | | | 231 | 231 | 152 | | 52 |
| 78/ 77 | .8 | 19.4 | 5.8 | .3 | .1 | | | | | | | | | | | | | 286 | 286 | 341 | | 216 |
| 76/ 75 | 1.6 | 13.1 | .9 | .2 | .1 | | | | | | | | | | | | | 171 | 171 | 392 | | 457 |
| 74/ 73 | 1.0 | 2.2 | .6 | .1 | | | | | | | | | | | | | | 42 | 42 | 139 | | 261 |
| 72/ 71 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 23 | | 64 |
| 70/ 69 | | .5 | | | | | | | | | | | | | | | | 5 | 5 | 15 | | 15 |
| 68/ 67 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | | 9 |
| 66/ 65 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | | 6 |
| TOTAL | 3.9 | 46.7 | 29.0 | 16.5 | 3.0 | .4 | | | | | | | | | | | | | 1080 | | | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8410433 | 95005 | 88.0 | 7.013 | 1080 | | | | | | | |
| Dry Bulb | 6782313 | 85513 | 79.2 | 3.265 | 1080 | | | 89.8 | 88.9 | 39.5 | | 90 |
| Wet Bulb | 6294178 | 82414 | 76.3 | 2.201 | 1080 | | | 89.8 | 86.3 | 5.9 | | 90 |
| Dew Point | 6110883 | 81205 | 75.2 | 2.173 | 1080 | | | 89.5 | 82.2 | .5 | | 90 |

USAF ETAC FORM NO. 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JUL MONTH

PAGE 1 | 0800-1100 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B / W B | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb / Dew Point |
| 94/ 93 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | |
| 92/ 91 | | | | | .2 | .4 | .5 | .1 | | | | | | | | | | 12 | 12 | |
| 90/ 89 | | | | .3 | 3.2 | 6.1 | 1.7 | | .1 | | | | | | | | | 123 | 123 | |
| 88/ 87 | | | .2 | 4.5 | 15.6 | 6.4 | 1.3 | .1 | | | | | | | | | | 304 | 304 | |
| 86/ 85 | | | 2.2 | 11.8 | 8.8 | 2.1 | .2 | | | | | | | | | | | 271 | 271 | |
| 84/ 83 | | .2 | 4.5 | 5.0 | 2.1 | .6 | .2 | | | | | | | | | | | 137 | 137 | 12 |
| 82/ 81 | | 1.7 | 2.9 | 1.9 | .3 | | .1 | | | | | | | | | | | 74 | 74 | 169 / 11 |
| 80/ 79 | .2 | 3.7 | 1.2 | .3 | | .1 | | | | | | | | | | | | 59 | 59 | 475 / 153 |
| 78/ 77 | .6 | 3.8 | .2 | | .3 | | | | | | | | | | | | | 52 | 52 | 267 / 404 |
| 76/ 75 | .6 | 1.9 | | | | | | | | | | | | | | | | 27 | 27 | 108 / 317 |
| 74/ 73 | .7 | .3 | .1 | .1 | .1 | | | | | | | | | | | | | 14 | 14 | 35 / 124 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 1 / 46 |
| 70/ 69 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 6 / 10 |
| 68/ 67 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 / 6 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 3 / 6 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | / 2 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | / 1 |
| TOTAL | 2.0 | 12.0 | 11.4 | 23.9 | 30.6 | 15.7 | 4.0 | .2 | .1 | | | | | | | | | | 1080 | / 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 / |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6412646 | 82540 | 76.4 | 9.839 | 1080 | | | | | | | |
| Dry Bulb | 7780792 | 91574 | 84.8 | 3.871 | 1080 | | | 90.0 | 89.5 | 79.8 | .1 | 90 |
| Wet Bulb | 6685173 | 84935 | 78.6 | 2.275 | 1080 | | | 89.8 | 88.8 | 35.9 | | 90 |
| Dew Point | 6298068 | 82430 | 76.3 | 2.487 | 1080 | | | 89.3 | 84.1 | 5.7 | | 90 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JUL MONTH

PAGE 1 | 1200-1400 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B / W B | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | .1 | .3 | .6 | .4 | | | | | | | | | | 14 | 14 | | |
| 92/ 91 | | | | | 1.4 | 4.1 | 3.1 | 1.0 | .1 | | | | | | | | | 105 | 105 | | |
| 90/ 89 | | | | .9 | 8.7 | 10.9 | 4.6 | .6 | | | | | | | | | | 343 | 343 | | |
| 88/ 87 | | | .1 | 4.0 | 13.6 | 6.1 | 1.3 | .3 | | | | | | | | | | 276 | 276 | | |
| 86/ 85 | | | .9 | 6.2 | 3.0 | 2.3 | | .2 | | | | | | | | | | 136 | 136 | 3 | |
| 84/ 83 | .1 | .1 | 3.4 | 1.3 | .5 | .1 | | .1 | | | | | | | | | | 60 | 60 | 56 | 5 |
| 82/ 81 | | 2.0 | 1.3 | .6 | .1 | | | | | | | | | | | | | 45 | 45 | 268 | 38 |
| 80/ 79 | .3 | 1.5 | .6 | .1 | | | | | | | | | | | | | | 27 | 27 | 481 | 189 |
| 78/ 77 | .4 | 2.5 | | | | | | | | | | | | | | | | 31 | 31 | 173 | 406 |
| 76/ 75 | 1.0 | 1.3 | | | | | | | | | | | | | | | | 25 | 25 | 70 | 270 |
| 74/ 73 | .7 | | | .4 | .1 | | | | | | | | | | | | | 13 | 13 | 18 | 121 |
| 72/ 71 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 1 | 33 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 4 | 6 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 5 | 4 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 1 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.5 | 7.7 | 6.7 | 13.4 | 27.6 | 29.7 | 9.6 | 2.7 | .1 | | | | | | | | | 1080 | | 1080 | |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum. | 5813446 | 78440 | 72.6 | 10.385 | 1080 | | | | | | | |
| Dry Bulb | 8166100 | 93808 | 86.9 | 4.085 | 1080 | | | 90.0 | 89.7 | 83.2 | 1.3 | 90 |
| Wet Bulb | 6822673 | 85805 | 79.4 | 2.267 | 1080 | | | 89.9 | 89.1 | 50.9 | | 90 |
| Dew Point | 6360020 | 82884 | 76.7 | 2.573 | 1080 | | | 89.3 | 85.8 | 10.8 | | 90 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZU STATION NAME | 54-65 YEARS | JUN MONTH

PAGE 1 | 1500-1700 HOURS (L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 94/ 93 | | | | | | .1 | .3 | .7 | | | | | | | | | | 0 | 0 | | |
| 92/ 91 | | | | .1 | 1.0 | 2.1 | 1.2 | .3 | | | | | | | | | | 51 | 51 | | |
| 90/ 89 | | | .1 | .7 | 7.3 | 12.3 | 4.3 | .4 | | | | | | | | | | 271 | 271 | | |
| 88/ 87 | | | .4 | 5.6 | 15.0 | 5.9 | .6 | .1 | | | | | | | | | | 294 | 298 | | |
| 86/ 85 | | | 1.5 | 9.1 | 4.9 | 1.6 | .8 | | | | | | | | | | | 193 | 193 | 4 | |
| 84/ 83 | | .1 | 3.0 | 3.1 | 1.3 | .2 | | | | | | | | | | | | 82 | 82 | 43 | 4 |
| 82/ 81 | .1 | 1.6 | 1.9 | .5 | | | | | | | | | | | | | | 43 | 43 | 248 | 39 |
| 80/ 79 | .2 | 2.4 | 1.7 | .1 | | | | | | | | | | | | | | 47 | 47 | 461 | 177 |
| 78/ 77 | .3 | 3.9 | .2 | .1 | | | | | | | | | | | | | | 48 | 48 | 208 | 409 |
| 76/ 75 | 1.0 | 1.4 | | | | | | | | | | | | | | | | 26 | 26 | 86 | 296 |
| 74/ 73 | .5 | | | .1 | | | | | | | | | | | | | | 6 | 6 | 20 | 109 |
| 72/ 71 | | .2 | .2 | .1 | | | | | | | | | | | | | | 5 | 5 | 1 | 22 |
| 70/ 69 | | .2 | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 3 | 11 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 3 | 7 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 3 | 3 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 2.0 | 9.7 | 8.9 | 19.4 | 29.5 | 22.2 | 7.2 | .9 | | | | | | | | | | 1080 | | 1080 | |
| | | | | | | | | | | | | | | | | | | | 1080 | | 1080 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6110454 | 80574 | 74.6 | 9.967 | 1080 | | | | | | | |
| Dry Bulb | 8009022 | 92876 | 86.0 | 4.088 | 1080 | | | 90.0 | 89.3 | 81.3 | .5 | 90 |
| Wet Bulb | 6786679 | 85577 | 79.2 | 2.305 | 1080 | | | 89.8 | 89.2 | 47.2 | | 90 |
| Dew Point | 6367753 | 82885 | 76.7 | 2.494 | 1080 | | | 89.5 | 86.2 | 9.3 | | 90 |

USAF ETAC FORM JUL 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JUN MONTH

PAGE 1 | 1800-2000 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B /W B | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | .1 | .3 | .7 | | | | | | | | | | | | 12 | 12 | | |
| 88/ 87 | | | | 1.6 | 4.6 | 1.7 | .2 | | | | | | | | | | | 87 | 87 | | |
| 86/ 85 | | | .9 | 14.0 | 5.3 | 1.2 | | | | | | | | | | | | 231 | 231 | | |
| 84/ 83 | | .2 | 9.0 | 11.6 | 2.0 | .6 | .1 | | | | | | | | | | | 253 | 253 | 4 | |
| 82/ 81 | | 2.4 | 9.4 | 3.0 | .8 | .1 | | | | | | | | | | | | 169 | 169 | 43 | 7 |
| 80/ 79 | .2 | 7.5 | 4.4 | 1.9 | .2 | | | | | | | | | | | | | 153 | 153 | 412 | 84 |
| 78/ 77 | .4 | 6.9 | 1.4 | .5 | | | | | | | | | | | | | | 99 | 99 | 356 | 455 |
| 76/ 75 | .6 | 4.0 | .5 | .1 | | | | | | | | | | | | | | 56 | 56 | 188 | 322 |
| 74/ 73 | .3 | .6 | | .1 | | | | | | | | | | | | | | 10 | 10 | 58 | 140 |
| 72/ 71 | .1 | .3 | .2 | | | | | | | | | | | | | | | 6 | 6 | 9 | 51 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 4 | 12 |
| 68/ 67 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 4 |
| 66/ 65 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 4 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.7 | 22.0 | 25.7 | 32.7 | 13.2 | 4.4 | .3 | | | | | | | | | | | | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7370497 | 88757 | 82.2 | 8.405 | 1080 | | | | | | | |
| Dry Bulb | 7318177 | 88821 | 82.2 | 3.523 | 1080 | | | 89.8 | 89.3 | 71.7 | | 90 |
| Wet Bulb | 6540726 | 84014 | 77.8 | 2.198 | 1080 | | | 89.8 | 88.4 | 19.2 | | 90 |
| Dew Point | 6259261 | 82183 | 76.1 | 2.261 | 1080 | | | 89.6 | 84.0 | 1.8 | | 90 |

USAF ETAC FORM 0-26.5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JU MONTH

 2100-2300 HOURS (L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | | 1.5 | .4 | | | | | | | | | | | | | 20 | 20 | | |
| 84/ 83 | | .5 | 5.7 | 5.1 | .6 | | | | | | | | | | | | | 128 | 128 | | |
| 82/ 81 | | 6.7 | 14.7 | 3.0 | .4 | .1 | | | | | | | | | | | | 266 | 268 | 9 | |
| 80/ 79 | .2 | 19.4 | 8.6 | 1.3 | .1 | | | | | | | | | | | | | 320 | 320 | 225 | 64 |
| 78/ 77 | .2 | 14.1 | 4.3 | .7 | | | | | | | | | | | | | | 208 | 208 | 451 | 372 |
| 76/ 75 | 1.4 | 7.3 | 1.5 | .1 | | | | | | | | | | | | | | 111 | 111 | 276 | 399 |
| 74/ 73 | .3 | .7 | .2 | .1 | | | | | | | | | | | | | | 13 | 13 | 84 | 171 |
| 72/ 71 | | .4 | .3 | | | | | | | | | | | | | | | 7 | 7 | 23 | 52 |
| 70/ 69 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 12 |
| 68/ 67 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 4 |
| 66/ 65 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 5 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.9 | 49.5 | 35.3 | 11.8 | 1.4 | .1 | | | | | | | | | | | | 1080 | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum. | 8468253 | 95437 | 88.4 | 5.672 | 1080 | | | | | | | |
| Dry Bulb | 6858472 | 86016 | 79.6 | 2.694 | 1080 | | | 89.8 | 89.0 | 50.2 | | 90 |
| Wet Bulb | 6392816 | 83060 | 76.9 | 2.128 | 1080 | | | 89.8 | 87.3 | 6.2 | | 90 |
| Dew Point | 6211573 | 81871 | 75.8 | 2.206 | 1080 | | | 89.5 | 83.8 | 1.1 | | 90 |

FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 USAF-ETAC

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USAF ETAC
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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZU STATION NAME | 54-65 YEARS | JUN MONTH



ALL HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | >31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96/ 95 | | | | | | | | .0 | | | | | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | .0 | .0 | .1 | .1 | | | | | | | | | | | 21 | 21 | | |
| 92/ 91 | | | | .0 | .3 | .8 | .6 | .2 | .0 | | | | | | | | | | 169 | 169 | | |
| 90/ 89 | | | .0 | .3 | 2.4 | 4.5 | 1.3 | .1 | .0 | | | | | | | | | | 749 | 749 | | |
| 88/ 87 | | | .1 | 2.0 | 6.2 | 2.5 | .4 | .1 | | | | | | | | | | | 977 | 977 | | |
| 86/ 85 | | | .8 | 5.8 | 3.0 | .9 | .1 | .0 | | | | | | | | | | | 919 | 919 | 1 | |
| 84/ 83 | .0 | .1 | 4.0 | 4.0 | .8 | .2 | .0 | .0 | | | | | | | | | | | 794 | 794 | 115 | 9 |
| 82/ 81 | .0 | 2.5 | 5.3 | 1.8 | .2 | .0 | .0 | | | | | | | | | | | | 850 | 850 | 749 | 95 |
| 80/ 79 | .2 | 10.3 | 4.7 | .7 | .0 | .0 | | | | | | | | | | | | | 1380 | 1380 | 2337 | 776 |
| 78/ 77 | .6 | 14.4 | 2.7 | .2 | .0 | | | | | | | | | | | | | | 1551 | 1551 | 2493 | 2705 |
| 76/ 75 | 1.5 | 8.4 | .8 | .1 | .0 | | | | | | | | | | | | | | 935 | 935 | 2034 | 2977 |
| 74/ 73 | .5 | 1.4 | .2 | .2 | .0 | | | | | | | | | | | | | | 197 | 197 | 663 | 1491 |
| 72/ 71 | .0 | .5 | .1 | .0 | | | | | | | | | | | | | | | 54 | 54 | 127 | 382 |
| 70/ 69 | | .2 | .0 | .0 | | | | | | | | | | | | | | | 24 | 24 | 57 | 104 |
| 68/ 67 | .0 | .1 | | | | | | | | | | | | | | | | | 9 | 9 | 36 | 51 |
| 66/ 65 | .1 | .1 | | | | | | | | | | | | | | | | | 10 | 10 | 22 | 40 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | 8 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.0 | 38.0 | 18.6 | 15.0 | 13.2 | 9.1 | 2.6 | .5 | .0 | | | | | | | | | | | 8640 | | 8640 |
| | | | | | | | | | | | | | | | | | | | 8640 | | 8640 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 61061567 | 720317 | 83.4 | 10.806 | 8640 | | | | | | | |
| Dry Bulb | 57903272 | 706062 | 81.7 | 4.857 | 8640 | | | 719.2 | 711.9 | 437.3 | 1.8 | 720 |
| Wet Bulb | 51954139 | 669615 | 77.5 | 2.587 | 8640 | | | 718.2 | 699.8 | 168.8 | | 720 |
| Dew Point | 49802538 | 655642 | 75.9 | 2.393 | 8640 | | | 715.8 | 671.1 | 29.3 | | 720 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JUL MONTH

PAGE 1 | 0000-0200 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D B / W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | .1 | .4 | | | | | | | | | | | | | | | 6 | 6 | | |
| 84/ 83 | | .5 | 1.0 | 1.1 | .2 | .1 | | | | | | | | | | | | | 39 | 39 | | |
| 82/ 81 | | 6.9 | 6.2 | 1.1 | .2 | | | | | | | | | | | | | | 160 | 160 | 8 | 1 |
| 80/ 79 | .5 | 28.7 | 8.8 | .4 | | | | | | | | | | | | | | | 429 | 429 | 195 | 78 |
| 78/ 77 | 1.2 | 23.4 | 4.8 | | | | | | | | | | | | | | | | 328 | 328 | 459 | 358 |
| 76/ 75 | .7 | 11.3 | .9 | | | | | | | | | | | | | | | | 144 | 144 | 345 | 442 |
| 74/ 73 | .1 | .8 | | | | | | | | | | | | | | | | | 10 | 10 | 106 | 207 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 3 | 28 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.5 | 71.6 | 22.4 | 3.0 | .4 | .1 | | | | | | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9318924 | 101862 | 91.3 | 4.397 | 1116 | | | | | | | |
| Dry Bulb | 6950839 | 88045 | 78.9 | 2.047 | 1116 | | | 93.0 | 93.0 | 39.8 | | 93 |
| Wet Bulb | 6596794 | 85780 | 76.9 | 1.751 | 1116 | | | 93.0 | 92.8 | 5.2 | | 93 |
| Dew Point | 6452954 | 84838 | 76.0 | 1.795 | 1116 | | | 93.0 | 90.5 | 1.4 | | 93 |

FORM AWS 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JUL MONTH

PAGE 1 | 0300-0500 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D B/W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | | |
| 84/ 83 | | | | .3 | .1 | | | | | | | | | | | | | 4 | 4 | | |
| 82/ 81 | | 2.3 | 1.7 | .7 | .1 | | | | | | | | | | | | | 54 | 54 | 1 | |
| 80/ 79 | .4 | 21.8 | 6.0 | .3 | | | | | | | | | | | | | | 318 | 318 | 61 | 30 |
| 78/ 77 | 2.6 | 35.4 | 3.8 | | | | | | | | | | | | | | | 466 | 466 | 408 | 277 |
| 76/ 75 | 2.2 | 17.6 | .9 | | | | | | | | | | | | | | | 230 | 230 | 458 | 475 |
| 74/ 73 | .4 | 3.2 | .1 | | | | | | | | | | | | | | | 42 | 42 | 175 | 286 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 13 | 46 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 5.6 | 80.3 | 12.5 | 1.4 | .2 | | | | | | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 9585084 | 103336 | 92.6 | 3.869 | 1116 | | | | | | | |
| Dry Bulb | 6759236 | 86028 | 77.8 | 1.838 | 1116 | | | 93.0 | 93.0 | 15.9 | | 93 |
| Wet Bulb | 6469454 | 84950 | 76.1 | 1.655 | 1116 | | | 93.0 | 91.9 | 1.5 | | 93 |
| Dew Point | 6353301 | 84181 | 75.4 | 1.757 | 1116 | | | 93.0 | 89.0 | .8 | | 93 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JUL MONTH

 0600-0800 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D B /W B | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90/ 89 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | .2 | .4 | .3 | | | | | | | | | | | | 9 | 9 | | |
| 86/ 85 | | | .4 | 6.0 | 1.4 | .1 | | | | | | | | | | | | 88 | 88 | | |
| 84/ 83 | | .4 | 5.0 | 7.2 | 1.2 | | | | | | | | | | | | | 159 | 159 | | |
| 82/ 81 | | 2.6 | 11.1 | 3.2 | .1 | | | | | | | | | | | | | 190 | 190 | 19 | 1 |
| 80/ 79 | | 13.4 | 9.7 | 1.2 | | | | | | | | | | | | | | 271 | 271 | 215 | 68 |
| 78/ 77 | 1.3 | 17.7 | 3.9 | .1 | | | | | | | | | | | | | | 258 | 258 | 446 | 361 |
| 76/ 75 | 1.1 | 8.0 | 1.0 | | | | | | | | | | | | | | | 112 | 112 | 317 | 409 |
| 74/ 73 | .5 | 1.6 | .1 | | | | | | | | | | | | | | | 25 | 35 | 104 | 231 |
| 72/ 71 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 13 | 43 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 2 | 3 |
| TOTAL | 3.0 | 44.0 | 31.7 | 17.8 | 3.0 | .4 | | .1 | | | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8620362 | 97780 | 87.6 | 6.909 | 1116 | | | | | | | |
| Dry Bulb | 7145688 | 89236 | 80.0 | 3.043 | 1116 | | | 93.0 | 92.8 | 51.0 | | 93 |
| Wet Bulb | 6616379 | 85903 | 77.0 | 1.913 | 1116 | | | 93.0 | 91.6 | 8.5 | | 93 |
| Dew Point | 6422111 | 84633 | 75.8 | 1.866 | 1116 | | | 93.0 | 89.2 | 1.4 | | 93 |

USAF/ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JUL MONTH

PAGE 1 | 0900-1100 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D B/W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | .2 | | | | | | | | | | 2 | 2 | | |
| 92/ 91 | | | | | .2 | .9 | .8 | .1 | .1 | | | | | | | | | | 23 | 22 | | |
| 90/ 89 | | | | .2 | 5.6 | 9.4 | 1.6 | .1 | | | | | | | | | | | 189 | 189 | | |
| 88/ 87 | | | .1 | 5.2 | 20.6 | 5.9 | .2 | | | | | | | | | | | | 357 | 357 | | |
| 86/ 85 | | | 1.6 | 14.6 | 9.7 | .9 | | | | | | | | | | | | | 299 | 299 | | |
| 84/ 83 | | | 3.0 | 5.0 | .3 | | | | | | | | | | | | | | 92 | 92 | 12 | |
| 82/ 81 | | 1.6 | 2.2 | .4 | | | | | | | | | | | | | | | 48 | 48 | 214 | 7 |
| 80/ 79 | .1 | 2.9 | 1.3 | | | | | | | | | | | | | | | | 48 | 48 | 610 | 173 |
| 78/ 77 | .3 | 2.4 | | | | | | | | | | | | | | | | | 30 | 30 | 225 | 510 |
| 76/ 75 | .4 | .9 | | | | | | | | | | | | | | | | | 14 | 14 | 37 | 338 |
| 74/ 73 | .5 | .6 | | | | | | | | | | | | | | | | | 13 | 13 | 18 | 83 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.3 | 8.4 | 8.2 | 25.4 | 36.4 | 17.1 | 2.6 | .2 | .4 | | | | | | | | | | 1116 | | 1116 | 1116 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6410603 | 84019 | 75.3 | 8.739 | 1116 | | | | | | | |
| Dry Bulb | 8232836 | 95778 | 85.8 | 3.404 | 1116 | | | 93.0 | 93.0 | 87.2 | .3 | 93 |
| Wet Bulb | 7028738 | 88548 | 79.3 | 1.634 | 1116 | | | 93.0 | 93.0 | 48.3 | | 93 |
| Dew Point | 6614980 | 85900 | 77.0 | 1.679 | 1116 | | | 93.0 | 92.6 | 9.8 | | 93 |

FORM NO. 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JUL MONTH

PAGE 1 | 1200-1400 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B /W B | Dry Bulb | Wet Bulb | Dew Point |
| 100/ 99 | | | | | | | | | .2 | | | | | | | | | 2 | 2 | | |
| 96/ 95 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | .2 | .4 | 1.0 | .6 | .3 | .2 | | | | | | | | 29 | 29 | | |
| 92/ 91 | | | | | 1.9 | 7.4 | 4.3 | .4 | | | | | | | | | | 156 | 156 | | |
| 90/ 89 | | | | .7 | 13.2 | 20.4 | 3.8 | .1 | | | | | | | | | | 426 | 426 | | |
| 88/ 87 | | | | 4.5 | 14.9 | 4.3 | .1 | | | | | | | | | | | 265 | 265 | | |
| 86/ 85 | | | 1.1 | 4.3 | 1.9 | .3 | | | | | | | | | | | | 84 | 84 | 2 | |
| 84/ 83 | | .4 | 1.5 | .9 | | | | | | | | | | | | | | 32 | 32 | 78 | 1 |
| 82/ 81 | | 1.6 | 1.1 | .4 | | | | | | | | | | | | | | 34 | 34 | 400 | 28 |
| 80/ 79 | .1 | 2.6 | .4 | | | | | | | | | | | | | | | 34 | 34 | 488 | 258 |
| 78/ 77 | .4 | 2.3 | | | | | | | | | | | | | | | | 30 | 30 | 104 | 500 |
| 76/ 75 | .5 | .8 | | | | | | | | | | | | | | | | 15 | 15 | 33 | 265 |
| 74/ 73 | .3 | .4 | | | | | | | | | | | | | | | | 8 | 8 | 10 | 57 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.3 | 8.2 | 4.0 | 10.8 | 32.0 | 32.8 | 9.1 | 1.1 | .5 | .2 | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs |
|---|---|---|---|---|---|
| Rel. Hum. | 5879829 | 80319 | 72.0 | 9.434 | 1116 |
| Dry Bulb | 8615522 | 97964 | 87.8 | 3.801 | 1116 |
| Wet Bulb | 7171679 | 89441 | 80.1 | 1.771 | 1116 |
| Dew Point | 6686670 | 86360 | 77.4 | 1.853 | 1116 |

| Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|
| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | 93.0 | 93.0 | 87.6 | 2.7 | 93 |
| Dry Bulb | | | 93.0 | 92.9 | 66.9 | | 93 |
| Wet Bulb | | | 93.0 | 92.4 | 13.0 | | 93 |
| Dew Point | | | | | | | |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JUL MONTH

 1500-1700 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | .1 | .4 | .8 | | .2 | | | | | | | | | 16 | 16 | | |
| 92/ 91 | | | | | 1.3 | 4.7 | 2.2 | .2 | | | | | | | | | | 93 | 93 | | |
| 90/ 89 | | | | 1.2 | 9.9 | 15.7 | 2.4 | .2 | | | | | | | | | | 327 | 327 | | |
| 88/ 87 | | | .5 | 5.7 | 17.3 | 3.9 | .4 | | | | | | | | | | | 310 | 310 | | |
| 86/ 85 | | .1 | 1.0 | 8.5 | 3.9 | | | | | | | | | | | | | 157 | 157 | 1 | |
| 84/ 83 | | .7 | 2.5 | 2.5 | .3 | | | | | | | | | | | | | 67 | 67 | 72 | 4 |
| 82/ 81 | | 1.3 | 1.3 | | | | | | | | | | | | | | | 28 | 28 | 332 | 45 |
| 80/ 79 | .1 | 2.0 | 1.1 | | | | | | | | | | | | | | | 35 | 35 | 503 | 237 |
| 78/ 77 | .6 | 3.4 | | | | | | | | | | | | | | | | 45 | 45 | 137 | 469 |
| 76/ 75 | .4 | 2.3 | | | | | | | | | | | | | | | | 30 | 30 | 56 | 300 |
| 74/ 73 | .1 | .5 | | | | | | | | | | | | | | | | 7 | 7 | 13 | 52 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 9 |
| TOTAL | 1.2 | 10.3 | 7.0 | 17.9 | 32.0 | 24.6 | 5.8 | .4 | .3 | | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| lement (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6260933 | 82909 | 74.3 | 9.542 | 1116 | | | | | | | |
| Dry Bulb | 8417985 | 96823 | 86.8 | 3.987 | 1116 | | | 93.0 | 93.0 | 85.1 | 1.4 | 93 |
| Wet Bulb | 7123017 | 89133 | 79.9 | 1.922 | 1116 | | | 93.0 | 93.0 | 61.9 | | 93 |
| Dew Point | 6686097 | 86355 | 77.4 | 1.901 | 1116 | | | 93.0 | 92.3 | 12.9 | | 93 |

USAF ETAC FORM NO. 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TAI STATION NAME | 54-65 YEARS | JUL MONTH

PAGE 1 | 1800-2000 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B /W B | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | 1.1 | 1.4 | | | | | | | | | | | | 28 | 28 | | |
| 88/ 87 | | | .4 | 2.0 | 7.2 | 1.2 | .4 | | | | | | | | | | | 123 | 123 | | |
| 86/ 85 | | | 2.5 | 17.4 | 7.0 | .6 | | | | | | | | | | | | 307 | 307 | | |
| 84/ 83 | | .3 | 10.0 | 10.8 | 1.3 | .1 | | | | | | | | | | | | 250 | 250 | 9 | |
| 82/ 81 | .1 | 3.1 | 6.7 | 1.5 | .1 | | | | | | | | | | | | | 129 | 129 | 95 | 13 |
| 80/ 79 | .1 | 5.9 | 3.2 | .1 | | | | | | | | | | | | | | 104 | 104 | 516 | 151 |
| 78/ 77 | .4 | 5.7 | 1.4 | .3 | | | | | | | | | | | | | | 88 | 88 | 306 | 458 |
| 76/ 75 | 1.1 | 5.0 | .4 | .1 | | | | | | | | | | | | | | 73 | 73 | 137 | 350 |
| 74/ 73 | .5 | .6 | | | | | | | | | | | | | | | | 13 | 13 | 48 | 123 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 4 | 17 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 2.2 | 20.7 | 24.6 | 32.1 | 16.7 | 3.3 | .4 | | | | | | | | | | | | 1115 | | 1115 |
| | | | | | | | | | | | | | | | | | | 1115 | | 1115 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7567462 | 91424 | 81.9 | 8.359 | 1116 | | | | | | | |
| Dry Bulb | 7678057 | 92441 | 82.9 | 3.555 | 1115 | | | 93.0 | 93.0 | 75.6 | | 93 |
| Wet Bulb | 6856347 | 87407 | 78.4 | 1.975 | 1115 | | | 93.0 | 92.7 | 28.9 | | 93 |
| Dew Point | 6561212 | 85506 | 76.7 | 1.898 | 1115 | | | 93.0 | 91.3 | 5.2 | | 93 |

FORM AWS 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) JUL (MONTH)

 2100-2300 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B /W B | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | 1.2 | 3.1 | .4 | | | | | | | | | | | | | 52 | 52 | | |
| 84/ 83 | | .7 | 10.8 | 6.5 | .3 | .1 | | | | | | | | | | | | 204 | 204 | | |
| 82/ 81 | | 8.4 | 15.1 | 3.4 | .1 | | | | | | | | | | | | | 301 | 301 | 36 | 4 |
| 80/ 79 | .4 | 15.6 | 8.6 | .6 | | | | | | | | | | | | | | 281 | 281 | 348 | 140 |
| 78/ 77 | .5 | 12.0 | 3.2 | .2 | | | | | | | | | | | | | | 176 | 176 | 418 | 414 |
| 76/ 75 | 1.2 | 6.4 | .6 | .1 | | | | | | | | | | | | | | 92 | 92 | 247 | 380 |
| 74/ 73 | .3 | .4 | | | | | | | | | | | | | | | | 8 | 8 | 64 | 153 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 2 | 22 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.3 | 43.5 | 39.4 | 13.9 | .7 | .1 | | | | | | | | | | | | 1116 | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8673538 | 98186 | 88.0 | 5.611 | 1116 | | | | | | | |
| Dry Bulb | 7223539 | 89739 | 80.4 | 2.595 | 1116 | | | 93.0 | 93.0 | 62.3 | | 93 |
| Wet Bulb | 6715091 | 86543 | 77.5 | 1.870 | 1116 | | | 93.0 | 92.8 | 12.9 | | 93 |
| Dew Point | 6522403 | 85291 | 76.4 | 1.890 | 1116 | | | 93.0 | 90.9 | 3.2 | | 93 |

FORM AWS 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FURMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | JUL MONTH



ALL HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100/ 99 | | | | | | | | | .0 | | | | | | | | | 2 | 2 | | |
| 96/ 95 | | | | | | | | | .0 | | | | | | | | | 3 | 3 | | |
| 94/ 93 | | | | | .0 | .1 | .2 | .1 | .1 | .0 | | | | | | | | 47 | 47 | | |
| 92/ 91 | | | | | .4 | 1.6 | .9 | .1 | .0 | | | | | | | | | 272 | 272 | | |
| 90/ 89 | | | | .3 | 3.7 | 5.9 | 1.0 | .1 | | | | | | | | | | 971 | 971 | | |
| 88/ 87 | | | .1 | 2.2 | 7.5 | 1.9 | .1 | | | | | | | | | | | 1064 | 1064 | | |
| 86/ 85 | | .0 | 1.1 | 6.8 | 3.0 | .2 | | | | | | | | | | | | 995 | 995 | 3 | |
| 84/ 83 | | .4 | 4.4 | 4.3 | .4 | .0 | | | | | | | | | | | | 847 | 847 | 171 | 5 |
| 82/ 81 | .0 | 3.5 | 5.7 | 1.3 | .1 | | | | | | | | | | | | | 944 | 944 | 1105 | 99 |
| 80/ 79 | .2 | 11.6 | 4.9 | .3 | | | | | | | | | | | | | | 1520 | 1520 | 2936 | 1135 |
| 78/ 77 | .9 | 12.8 | 2.2 | .1 | | | | | | | | | | | | | | 1423 | 1423 | 2503 | 3347 |
| 76/ 75 | .9 | 6.5 | .5 | .0 | | | | | | | | | | | | | | 710 | 710 | 1632 | 2959 |
| 74/ 73 | .3 | 1.0 | .0 | | | | | | | | | | | | | | | 126 | 126 | 538 | 1192 |
| 72/ 71 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | 36 | 173 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 3 | 16 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.4 | 35.9 | 18.7 | 15.3 | 15.2 | 9.8 | 2.2 | .2 | .1 | .0 | | | | | | | | 8927 | 8927 | 8927 | 8927 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 62316735 | 739835 | 82.9 | 10.631 | 8928 | | | | | | | |
| Dry Bulb | 61023702 | 736854 | 82.5 | 4.759 | 8927 | | | 744.0 | 743.7 | 504.5 | 4.3 | 744 |
| Wet Bulb | 54577499 | 697705 | 78.2 | 2.299 | 8927 | | | 744.0 | 740.7 | 234.0 | | 744 |
| Dew Point | 52299728 | 683064 | 76.5 | 1.951 | 8927 | | | 744.0 | 728.2 | 43.8 | | 744 |

FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | AUG MONTH

 0000-0200 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B / W B | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | | |
| 84/ 83 | | .2 | 1.6 | .9 | | | | | | | | | | | | | | 30 | 30 | | |
| 82/ 81 | .2 | 7.0 | 4.1 | .4 | | | | | | | | | | | | | | 130 | 130 | 5 | |
| 80/ 79 | 1.5 | 27.9 | 5.8 | | | | | | | | | | | | | | | 393 | 393 | 186 | 98 |
| 78/ 77 | 1.8 | 27.7 | 3.9 | | | | | | | | | | | | | | | 371 | 371 | 457 | 376 |
| 76/ 75 | 1.3 | 12.1 | .4 | | | | | | | | | | | | | | | 155 | 155 | 332 | 405 |
| 74/ 73 | .9 | 1.6 | .2 | .2 | | | | | | | | | | | | | | 32 | 32 | 114 | 202 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 16 | 28 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 3 | 2 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 5.8 | 76.5 | 16.1 | 1.5 | .1 | | | | | | | | | | | | | | 1113 | | 1113 |
| | | | | | | | | | | | | | | | | | | 1113 | | 1113 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9514189 | 102817 | 92.4 | 3.809 | 1113 | | | | | | | |
| Dry Bulb | 6865033 | 87381 | 78.5 | 2.078 | 1113 | | | 93.0 | 93.0 | 31.0 | | 92 |
| Wet Bulb | 6565046 | 85456 | 76.8 | 1.835 | 1113 | | | 93.0 | 91.4 | 5.3 | | 93 |
| Dew Point | 6442110 | 84650 | 76.1 | 1.895 | 1113 | | | 93.0 | 90.3 | 1.9 | | 93 |

USAF ETAC FORM: 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | AUG MONTH

 0300-0500 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | | | |
| 84/ 83 | | .3 | .2 | .1 | | | | | | | | | | | | | | 6 | 6 | | |
| 82/ 81 | .3 | 2.4 | 1.6 | .2 | | | | | | | | | | | | | | 50 | 50 | 8 | 4 |
| 80/ 79 | .9 | 10.7 | 2.7 | | | | | | | | | | | | | | | 248 | 248 | 76 | 40 |
| 78/ 77 | 2.7 | 39.5 | 2.2 | | | | | | | | | | | | | | | 495 | 495 | 405 | 305 |
| 76/ 75 | 3.1 | 18.7 | 1.3 | | | | | | | | | | | | | | | 256 | 256 | 419 | 462 |
| 74/ 73 | 1.9 | 2.6 | .2 | | | | | | | | | | | | | | | 52 | 52 | 171 | 244 |
| 72/ 71 | | .5 | | | | | | | | | | | | | | | | 6 | 6 | 22 | 49 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 5 | 9 |
| TOTAL | 8.8 | 82.7 | 8.2 | .3 | | | | | | | | | | | | | | 1113 | | 1113 | |
| | | | | | | | | | | | | | | | | | | | 1113 | | 1113 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9802441 | 104395 | 93.8 | 3.088 | 1113 | | | | | | | |
| Dry Bulb | 6691218 | 86272 | 77.5 | 1.900 | 1113 | | | 93.0 | 92.5 | 14.1 | | 93 |
| Wet Bulb | 6455770 | 84742 | 76.1 | 1.812 | 1113 | | | 93.0 | 90.7 | 2.5 | | 93 |
| Dew Point | 6356244 | 84084 | 75.5 | 1.881 | 1113 | | | 93.0 | 88.2 | 1.4 | | 93 |

FORM AWS 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

46744 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) AUG (MONTH)

 0600-0800 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88/ 87 | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | | |
| 86/ 85 | | | .3 | 2.4 | .2 | | | | | | | | | | | | | 32 | 32 | | |
| 84/ 83 | | .4 | 4.9 | 5.1 | .8 | .1 | | | | | | | | | | | | 126 | 126 | | |
| 82/ 81 | .2 | 3.1 | 8.4 | 3.4 | .1 | | | | | | | | | | | | | 168 | 168 | 12 | 2 |
| 80/ 79 | .4 | 14.0 | 8.2 | .8 | | | | | | | | | | | | | | 261 | 261 | 181 | 64 |
| 78/ 77 | 2.8 | 22.3 | 3.3 | .1 | | | | | | | | | | | | | | 317 | 317 | 418 | 327 |
| 76/ 75 | 2.0 | 12.1 | .9 | | | | | | | | | | | | | | | 167 | 167 | 367 | 454 |
| 74/ 73 | 1.1 | 1.9 | .2 | | | | | | | | | | | | | | | 35 | 35 | 113 | 216 |
| 72/ 71 | .2 | .2 | .1 | | | | | | | | | | | | | | | 5 | 5 | 18 | 41 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 4 | 7 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 6.6 | 54.0 | 26.1 | 11.9 | 1.2 | .2 | | | | | | | | | | | | | 1113 | | 1113 |
| | | | | | | | | | | | | | | | | | | 1113 | | 1113 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 9009514 | 99898 | 89.8 | 0.226 | 1113 | | | | | | | |
| Dry Bulb | 6972924 | 83040 | 79.1 | 2.817 | 1113 | | | 93.0 | 92.6 | 39.4 | | 93 |
| Wet Bulb | 6549808 | 85354 | 76.7 | 1.934 | 1113 | | | 93.0 | 91.2 | 6.6 | | 93 |
| Dew Point | 6387562 | 84290 | 75.7 | 1.918 | 1113 | | | 93.0 | 88.8 | 1.3 | | 93 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAIPEI FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | AUG MONTH

 0900-1100 HOURS L S TI

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92/ 91 | | | | | | .7 | .3 | .1 | | | | | | | | | | 12 | 12 | | |
| 90/ 89 | | | | .2 | 3.5 | 5.9 | 1.4 | .1 | | | | | | | | | | 124 | 124 | | |
| 88/ 87 | | | .2 | 5.3 | 15.5 | 5.2 | .6 | | | | | | | | | | | 299 | 299 | | |
| 86/ 85 | | | 2.4 | 16.4 | 9.5 | 1.0 | | | | | | | | | | | | 325 | 325 | | |
| 84/ 83 | .1 | .5 | 5.3 | 7.0 | .8 | .1 | | | | | | | | | | | | 154 | 154 | 16 | 1 |
| 82/ 81 | | .7 | 3.4 | 1.2 | .1 | | | | | | | | | | | | | 60 | 60 | 180 | 21 |
| 80/ 79 | .6 | 3.2 | 1.0 | .2 | .1 | | | | | | | | | | | | | 57 | 57 | 370 | 174 |
| 78/ 77 | .8 | 3.5 | .1 | | | | | | | | | | | | | | | 49 | 49 | 258 | 464 |
| 76/ 75 | 1.0 | 1.5 | | | | | | | | | | | | | | | | 28 | 28 | 78 | 351 |
| 74/ 73 | .2 | .3 | | | | | | | | | | | | | | | | 5 | 5 | 11 | 80 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 22 |
| TOTAL | 2.7 | 9.8 | 12.4 | 30.3 | 29.6 | 12.9 | 2.3 | .2 | | | | | | | | | | | 1113 | | 1113 |
| | | | | | | | | | | | | | | | | | | 1113 | | 1113 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6726702 | 85940 | 77.2 | 9.040 | 1113 | | | | | | | |
| Dry Bulb | 8061238 | 94664 | 85.0 | 3.443 | 1113 | | | 93.0 | 93.0 | 84.3 | | 93 |
| Wet Bulb | 6966651 | 88035 | 79.1 | 3.734 | 1113 | | | 93.0 | 93.0 | 41.9 | | 93 |
| Dew Point | 6585831 | 85591 | 76.9 | 1.844 | 1113 | | | 93.0 | 91.2 | 6.9 | | 93 |

USAF ETAC FORM 0-26-5 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

40743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | AUG MONTH

PAGE 1 | 1200-1400 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B / W B | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | .1 | | .1 | | | | | | | | | 2 | 2 | | |
| 94/ 93 | | | | | | .2 | .7 | .4 | .1 | | | | | | | | | 16 | 16 | | |
| 92/ 91 | | | | .1 | 1.1 | 6.3 | 4.1 | .9 | .2 | | | | | | | | | 141 | 141 | | |
| 90/ 89 | | | | .8 | 11.8 | 18.2 | 4.0 | .4 | | | | | | | | | | 392 | 392 | | |
| 88/ 87 | | | | 5.6 | 15.2 | 4.1 | .6 | | | | | | | | | | | 284 | 284 | | |
| 86/ 85 | | | .1 | 4.5 | 2.3 | .4 | .1 | | | | | | | | | | | 89 | 89 | 1 | |
| 84/ 83 | | .4 | 2.2 | 1.3 | .5 | | | | | | | | | | | | | 50 | 50 | 57 | 2 |
| 82/ 81 | .3 | 1.2 | 1.1 | .1 | .1 | | | | | | | | | | | | | 30 | 30 | 383 | 25 |
| 80/ 79 | .6 | 2.8 | .6 | | | | | | | | | | | | | | | 45 | 45 | 470 | 274 |
| 78/ 77 | 1.0 | 2.7 | .1 | | | | | | | | | | | | | | | 42 | 42 | 139 | 452 |
| 76/ 75 | .4 | 1.3 | | | | | | | | | | | | | | | | 19 | 19 | 59 | 270 |
| 74/ 73 | .2 | | | | | | | | | | | | | | | | | 3 | 3 | 5 | 68 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 17 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 2.6 | 8.4 | 4.0 | 12.3 | 31.0 | 29.2 | 9.6 | 1.0 | .4 | | | | | | | | | 1113 | | 1113 | 1113 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | > 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 6008365 | 80979 | 72.8 | 10.238 | 1113 | | | | | | | |
| Dry Bulb | 8508463 | 97217 | 87.3 | 3.895 | 1113 | | | 93.0 | 93.0 | 86.1 | 1.3 | 93 |
| Wet Bulb | 7117115 | 88979 | 79.9 | 1.817 | 1113 | | | 93.0 | 93.0 | 62.4 | | 93 |
| Dew Point | 6650275 | 86005 | 77.3 | 1.989 | 1113 | | | 93.0 | 91.2 | 12.5 | | 93 |

FORM AC 0-26.5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAF ETAC

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TAE STATION NAME | 54-65 YEARS | AUG MONTH

PAGE 1 | 1500-1700 HOURS (L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B /W B | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | .1 | .3 | .1 | | | | | | | | | 5 | 5 | | |
| 92/ 91 | | | | | .9 | 4.7 | 2.7 | .4 | .2 | | | | | | | | | 99 | 99 | | |
| 90/ 89 | | | | .7 | 8.9 | 15.5 | 2.8 | .1 | | | | | | | | | | 311 | 311 | | |
| 88/ 87 | .2 | | .4 | 5.8 | 14.1 | 5.4 | .4 | .1 | | | | | | | | | | 294 | 294 | 2 | 2 |
| 86/ 85 | | .2 | 1.5 | 7.0 | 4.0 | .1 | | | | | | | | | | | | 142 | 142 | | |
| 84/ 83 | | .4 | 3.3 | 1.7 | .6 | | | | | | | | | | | | | 67 | 67 | 47 | 2 |
| 82/ 81 | | 1.5 | 1.6 | .7 | .1 | | | | | | | | | | | | | 44 | 44 | 316 | 37 |
| 80/ 79 | .2 | 3.4 | 1.1 | .2 | | | | | | | | | | | | | | 54 | 54 | 490 | 234 |
| 78/ 77 | .8 | 4.9 | .7 | | | | | | | | | | | | | | | 65 | 65 | 156 | 453 |
| 76/ 75 | .3 | 1.8 | .1 | | | | | | | | | | | | | | | 24 | 24 | 84 | 282 |
| 74/ 73 | .4 | .2 | | | | | | | | | | | | | | | | 7 | 7 | 17 | 87 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 1 | 14 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.9 | 12.3 | 8.9 | 16.1 | 28.6 | 25.6 | 6.0 | 1.0 | .3 | | | | | | | | | 1113 | 1113 | | 1113 |
| | | | | | | | | | | | | | | | | | | 1113 | | 1113 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 6356376 | 83302 | 74.8 | 10.460 | 1113 | | | | | | | |
| Dry Bulb | 8325112 | 96148 | 86.4 | 4.159 | 1113 | | | 93.0 | 93.0 | 83.6 | .5 | 93 |
| Wet Bulb | 7060697 | 88621 | 79.6 | 1.984 | 1113 | | | 93.0 | 92.9 | 55.2 | | 93 |
| Dew Point | 6635494 | 85908 | 77.2 | 2.034 | 1113 | | | 93.0 | 91.7 | 11.4 | | 93 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | AUG MONTH

 1300-2000 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | .1 | .7 | .8 | .3 | | | | | | | | | | | 21 | 21 | | |
| 88/ 87 | | | .1 | 1.3 | 5.5 | 1.9 | .1 | | | | | | | | | | | 98 | 98 | | |
| 86/ 85 | | | 2.9 | 13.4 | 5.3 | .5 | .1 | | | | | | | | | | | 247 | 247 | | |
| 84/ 83 | | .8 | 9.1 | 10.7 | 1.9 | .2 | | | | | | | | | | | | 252 | 252 | 5 | 1 |
| 82/ 81 | | 3.7 | 6.5 | 2.7 | .2 | | | | | | | | | | | | | 145 | 145 | 81 | 12 |
| 80/ 79 | .4 | 2.3 | 2.9 | .6 | .2 | | | | | | | | | | | | | 137 | 137 | 454 | 140 |
| 78/ 77 | 1.3 | 8.3 | 1.8 | .2 | | | | | | | | | | | | | | 128 | 128 | 350 | 447 |
| 76/ 75 | .5 | 5.1 | .7 | | | | | | | | | | | | | | | 71 | 71 | 154 | 332 |
| 74/ 73 | .4 | .7 | | | | | | | | | | | | | | | | 12 | 12 | 60 | 144 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | R | 29 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | 2.5 | 26.9 | 23.9 | 29.0 | 13.8 | 3.4 | .4 | .1 | | | | | | | | | | | 1112 | | 1112 |
| | | | | | | | | | | | | | | | | | | 1112 | | 1112 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7790934 | 92570 | 83.2 | 8.737 | 1112 | | | | | | | |
| Dry Bulb | 7549037 | 91537 | 82.3 | 3.543 | 1112 | | | 93.0 | 93.0 | 71.4 | | 93 |
| Wet Bulb | 6789342 | 86860 | 78.1 | 2.030 | 1112 | | | 93.0 | 92.3 | 24.5 | | 93 |
| Dew Point | 6516755 | 85097 | 76.5 | 2.038 | 1112 | | | 93.0 | 90.0 | 5.0 | | 93 |

FORM AWS 64 0.26.5 (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | AUG MONTH

 2100-2300 HOURS (L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | .4 | 1.9 | | | | | | | | | | | | | | 25 | 25 | | |
| 84/ 83 | | .7 | 9.3 | 5.8 | .3 | | | | | | | | | | | | | 190 | 180 | 1 | 1 |
| 82/ 81 | | 7.4 | 12.0 | 2.8 | | | | | | | | | | | | | | 247 | 247 | 16 | 5 |
| 80/ 79 | 1.3 | 17.6 | 7.9 | .9 | | | | | | | | | | | | | | 308 | 308 | 308 | 121 |
| 78/ 77 | 1.2 | 14.3 | 4.4 | .1 | | | | | | | | | | | | | | 222 | 222 | 443 | 427 |
| 76/ 75 | 1.5 | 7.6 | .4 | | | | | | | | | | | | | | | 106 | 106 | 239 | 344 |
| 74/ 73 | .5 | 1.3 | .1 | | | | | | | | | | | | | | | 22 | 22 | 95 | 174 |
| 72/ 71 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 11 | 39 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 4.7 | 49.1 | 34.5 | 11.5 | .3 | | | | | | | | | | | | | | 1113 | | 1113 |
| | | | | | | | | | | | | | | | | | | 1113 | | 1113 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8877290 | 99200 | 89.1 | 5.670 | 1113 | | | | | | | |
| Dry Bulb | 7110361 | 88911 | 79.9 | 2.646 | 1113 | | | 93.0 | 92.7 | 55.1 | | 93 |
| Wet Bulb | 6655524 | 86040 | 77.3 | 1.932 | 1113 | | | 93.0 | 92.1 | 11.5 | | 93 |
| Dew Point | 6482106 | 84910 | 76.3 | 1.989 | 1113 | | | 93.0 | 89.6 | 2.8 | | 93 |

FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | AUG MONTH

PAGE 1 | ALL HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W.B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | .0 | .0 | .0 | | | | | | | | | 3 | 3 | | |
| 94/ 93 | | | | | | .0 | .1 | .1 | .0 | | | | | | | | | 21 | 21 | | |
| 92/ 91 | | | | .0 | .2 | 1.5 | .9 | .2 | .0 | | | | | | | | | 253 | 253 | | |
| 90/ 89 | | | | .2 | 3.1 | 5.1 | 1.1 | .1 | | | | | | | | | | 848 | 848 | | |
| 88/ 87 | .0 | | .1 | 2.2 | 6.3 | 2.1 | .2 | .0 | | | | | | | | | | 977 | 977 | 2 | 2 |
| 86/ 85 | | .0 | 1.0 | 5.7 | 2.7 | .2 | .0 | | | | | | | | | | | 862 | 862 | 1 | |
| 84/ 83 | .0 | .5 | 4.5 | 4.1 | .6 | .0 | | | | | | | | | | | | 865 | 865 | 126 | 7 |
| 82/ 81 | .1 | 3.4 | 4.8 | 1.4 | .1 | | | | | | | | | | | | | 874 | 874 | 1000 | 106 |
| 80/ 79 | .7 | 12.0 | 3.8 | .3 | .0 | | | | | | | | | | | | | 1503 | 1503 | 2735 | 1145 |
| 78/ 77 | 1.5 | 15.4 | 2.0 | .0 | | | | | | | | | | | | | | 1689 | 1689 | 2626 | 3251 |
| 76/ 75 | 1.3 | 7.5 | .5 | | | | | | | | | | | | | | | 826 | 826 | 1732 | 2900 |
| 74/ 73 | .7 | 1.1 | .1 | .0 | | | | | | | | | | | | | | 168 | 168 | 593 | 1215 |
| 72/ 71 | .0 | .1 | .0 | | | | | | | | | | | | | | | 14 | 14 | 76 | 239 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 12 | 34 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 4.4 | 40.0 | 16.4 | 14.1 | 13.1 | 9.9 | 2.3 | .4 | .1 | | | | | | | | | | 8903 | | 8903 |
| | | | | | | | | | | | | | | | | | | 8903 | | 8903 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 64005831 | 749101 | 84.1 | 10.893 | 8903 | | | | | | | |
| Dry Bulb | 60003386 | 730150 | 82.0 | 4.770 | 8903 | | | 744.0 | 742.6 | 465.0 | 2.0 | 744 |
| Wet Bulb | 54159953 | 694087 | 78.0 | 2.327 | 8903 | | | 744.0 | 736.6 | 210.9 | | 744 |
| Dew Point | 52056377 | 680535 | 76.4 | 2.041 | 8903 | | | 744.0 | 720.9 | 43.2 | | 744 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | SEP MONTH

PAGE 1 | 0000-0200 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | .1 | .7 | .1 | | | | | | | | | | | | | | 10 | 10 | | |
| 82/ 81 | | 1.9 | 2.9 | .3 | | | | | | | | | | | | | | 55 | 55 | 1 | |
| 80/ 79 | .2 | 19.1 | 5.6 | .4 | | | | | | | | | | | | | | 272 | 272 | 73 | 33 |
| 78/ 77 | 2.3 | 30.0 | 2.9 | .2 | | | | | | | | | | | | | | 382 | 382 | 371 | 272 |
| 76/ 75 | 2.9 | 17.3 | 2.8 | .6 | | | | | | | | | | | | | | 254 | 254 | 360 | 390 |
| 74/ 73 | .5 | 3.5 | 1.9 | .4 | | | | | | | | | | | | | | 67 | 67 | 172 | 239 |
| 72/ 71 | | 1.3 | 1.1 | .2 | | | | | | | | | | | | | | 28 | 28 | 44 | 62 |
| 70/ 69 | | .5 | .4 | | | | | | | | | | | | | | | 9 | 9 | 37 | 40 |
| 68/ 67 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 20 | 26 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 2 | 17 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.8 | 74.0 | 18.1 | 2.0 | | | | | | | | | | | | | | | 1080 | | 1090 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9214321 | 99647 | 92.3 | 4.339 | 1080 | | | | | | | |
| Dry Bulb | 6468746 | 83544 | 77.4 | 2.388 | 1080 | | | 90.0 | 86.7 | 16.5 | | 90 |
| Wet Bulb | 6182175 | 81667 | 75.6 | 2.494 | 1080 | | | 89.6 | 81.4 | 1.4 | | 90 |
| Dew Point | 6066538 | 80890 | 74.9 | 2.727 | 1080 | | | 88.5 | 77.8 | .3 | | 90 |

USAF-ETAC FORM 0-26-5 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-MAN FURMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | SEP MONTH

PAGE 1 | 0300-0500 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | .7 | .0 | .3 | | | | | | | | | | | | | | 17 | 17 | | |
| 80/ 79 | .4 | 10.5 | 1.9 | .1 | | | | | | | | | | | | | | 130 | 130 | 24 | 5 |
| 78/ 77 | 3.3 | 30.2 | 1.3 | | | | | | | | | | | | | | | 376 | 376 | 290 | 215 |
| 76/ 75 | 5.6 | 27.3 | .9 | .1 | | | | | | | | | | | | | | 366 | 366 | 400 | 414 |
| 74/ 73 | .9 | 8.1 | 1.2 | .4 | | | | | | | | | | | | | | 114 | 114 | 238 | 285 |
| 72/ 71 | .1 | 2.9 | .5 | .3 | | | | | | | | | | | | | | 40 | 40 | 60 | 73 |
| 70/ 69 | | 2.0 | .1 | .2 | | | | | | | | | | | | | | 25 | 25 | 37 | 44 |
| 68/ 67 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 24 | 26 |
| 66/ 65 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 13 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 2 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 10.3 | 81.9 | 6.5 | 1.3 | | | | | | | | | | | | | | 1080 | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9575687 | 101617 | 94.1 | 3.674 | 1080 | | | | | | | |
| Dry Bulb | 6299688 | 82446 | 76.3 | 2.329 | 1080 | | | 89.9 | 84.3 | 5.6 | | 90 |
| Wet Bulb | 6086006 | 81030 | 75.0 | 2.455 | 1080 | | | 89.4 | 79.3 | .3 | | 90 |
| Dew Point | 6002615 | 80465 | 74.5 | 2.654 | 1080 | | | 88.5 | 76.6 | .2 | | 90 |

FORM AWS 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAF ETAC

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | SEP MONTH

 0600-0800 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL DB/WB | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | .1 | .3 | .2 | | | | | | | | | | | | | 6 | 6 | | |
| 84/ 83 | | | 2.1 | 1.2 | .2 | | | | | | | | | | | | | 38 | 38 | | |
| 82/ 81 | | 2.1 | 7.3 | 1.9 | .2 | | | | | | | | | | | | | 124 | 124 | 2 | |
| 80/ 79 | .5 | 12.4 | 8.1 | .8 | .1 | .1 | | | | | | | | | | | | 237 | 237 | 82 | 35 |
| 78/ 77 | 2.4 | 19.6 | 4.3 | .2 | .2 | .1 | | | | | | | | | | | | 289 | 289 | 334 | 230 |
| 76/ 75 | 3.9 | 17.6 | 2.1 | .3 | .1 | | | | | | | | | | | | | 259 | 259 | 371 | 399 |
| 74/ 73 | 1.2 | 4.9 | 1.4 | .7 | .1 | | | | | | | | | | | | | 90 | 90 | 177 | 251 |
| 72/ 71 | .3 | 1.1 | .4 | .2 | | | | | | | | | | | | | | 21 | 21 | 54 | 83 |
| 70/ 69 | .2 | .6 | .1 | .2 | | | | | | | | | | | | | | 12 | 12 | 38 | 37 |
| 68/ 67 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 17 | 22 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 5 | 16 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 6 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 8.4 | 58.8 | 25.8 | 5.7 | 1.0 | .2 | | | | | | | | | | | | | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8947754 | 98096 | 90.8 | 5.913 | 1080 | | | | | | | |
| Dry Bulb | 6522815 | 83875 | 77.7 | 2.874 | 1080 | | | 90.0 | 86.9 | 24.7 | | 90 |
| Wet Bulb | 6170227 | 81585 | 75.5 | 2.576 | 1080 | | | 89.6 | 80.5 | 2.4 | | 90 |
| Dew Point | 6033280 | 80666 | 74.7 | 2.770 | 1080 | | | 88.1 | 76.3 | .3 | | 90 |

FORM AWS 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | SEP MONTH

 0900-1100 HOURS (L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb/Dew Point |
| 92/ 91 | | | | | | .2 | .1 | | | | | | | | | | | 3 | 3 | |
| 90/ 89 | | | | | .9 | 2.7 | .3 | | | | | | | | | | | 42 | 42 | |
| 88/ 87 | | | | 3.2 | 12.0 | 3.9 | 1.0 | .3 | .1 | | | | | | | | | 222 | 222 | |
| 86/ 85 | | | 1.3 | 15.2 | 11.4 | 2.2 | 1.2 | .1 | | | | | | | | | | 339 | 339 | |
| 84/ 83 | | .2 | 6.1 | 11.2 | 3.6 | 1.6 | .1 | | | | | | | | | | | 246 | 246 | |
| 82/ 81 | | .8 | 3.7 | 3.1 | .8 | .3 | .1 | | | | | | | | | | | 95 | 95 | 99 5 |
| 80/ 79 | .2 | 1.9 | 3.1 | .7 | .6 | .3 | .1 | | | | | | | | | | | 76 | 76 | 461 95 |
| 78/ 77 | .4 | 2.1 | .6 | .4 | .1 | | | | | | | | | | | | | 39 | 39 | 323 411 |
| 76/ 75 | .3 | 1.0 | .1 | | | | | | | | | | | | | | | 15 | 15 | 122 338 |
| 74/ 73 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 58 123 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 15 53 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 1 36 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 1 14 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 3 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .9 | 6.4 | 15.0 | 33.8 | 29.5 | 11.1 | 2.9 | .4 | .1 | | | | | | | | | | 1080 | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6357953 | 82365 | 76.3 | 8.419 | 1080 | | | | | | | |
| Dry Bulb | 7692269 | 91091 | 84.3 | 2.941 | 1080 | | | 90.0 | 90.0 | 83.9 | | 90 |
| Wet Bulb | 6611325 | 84469 | 78.2 | 2.116 | 1080 | | | 90.0 | 88.6 | 27.1 | | 90 |
| Dew Point | 6228190 | 81966 | 75.9 | 2.623 | 1080 | | | 89.6 | 81.0 | 2.7 | | 90 |

FORM AWS 64 0-26-5 (OL-11) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | SEP MONTH

 1200-1400 HOURS (S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B / W B | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | .1 | .5 | .1 | | | | | | | | | | 7 | 7 | | |
| 92/ 91 | | | | | .4 | 2.9 | 1.0 | .1 | | | | | | | | | | 47 | 47 | | |
| 90/ 89 | | | | .5 | 8.4 | 12.7 | 3.9 | 1.3 | .3 | | | | | | | | | 292 | 292 | | |
| 88/ 87 | | | .1 | 4.4 | 17.6 | 10.8 | 3.2 | 1.2 | .1 | | | | | | | | | 404 | 404 | | |
| 86/ 85 | | .1 | 1.5 | 5.2 | 4.6 | 2.4 | 1.5 | .4 | | | | | | | | | | 169 | 169 | | |
| 84/ 83 | | .2 | 2.7 | 2.5 | .9 | .4 | .2 | | | | | | | | | | | 74 | 74 | 28 | 1 |
| 82/ 81 | | .6 | 1.5 | .6 | .2 | .1 | | | | | | | | | | | | 31 | 31 | 265 | 23 |
| 80/ 79 | | 1.5 | .8 | | .1 | | | | | | | | | | | | | 26 | 26 | 438 | 162 |
| 78/ 77 | .2 | 1.2 | .2 | | | | | | | | | | | | | | | 17 | 17 | 219 | 392 |
| 76/ 75 | .7 | .3 | | | | | | | | | | | | | | | | 11 | 11 | 92 | 278 |
| 74/ 73 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 33 | 116 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 5 | 51 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 35 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 18 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 1.0 | 3.8 | 6.8 | 13.1 | 32.2 | 29.4 | 10.3 | 3.1 | .4 | | | | | | | | | 1080 | | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5515440 | 76546 | 70.9 | 9.142 | 1080 | | | | | | | |
| Dry Bulb | 8178778 | 93928 | 87.0 | 3.018 | 1080 | | | 90.0 | 90.0 | 86.8 | .7 | 90 |
| Wet Bulb | 6770061 | 85477 | 79.1 | 2.142 | 1080 | | | 90.0 | 89.6 | 45.1 | | 90 |
| Dew Point | 6281936 | 82312 | 76.2 | 2.814 | 1080 | | | 89.7 | 81.0 | 7.4 | | 90 |

FORM AF 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAF-ETAC

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | SEP MONTH

PAGE 1 | 1500-1700 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B /W B | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | .1 | .1 | .2 | | | | | | | | | | 4 | 4 | | |
| 92/ 91 | | | | .1 | .6 | 1.9 | .3 | .4 | .1 | | | | | | | | | 36 | 36 | | |
| 90/ 89 | | | | .5 | 5.5 | 9.0 | 3.7 | .8 | .1 | | | | | | | | | 211 | 211 | | |
| 88/ 87 | | | | 4.1 | 17.0 | 7.7 | 2.2 | .9 | .1 | | | | | | | | | 346 | 346 | | |
| 86/ 85 | | | 1.4 | 9.3 | 6.3 | 2.7 | 1.9 | .3 | | | | | | | | | | 235 | 235 | 1 | |
| 84/ 83 | | .3 | 2.5 | 4.9 | 1.2 | .6 | .4 | .1 | | | | | | | | | | 108 | 108 | 21 | 1 |
| 82/ 81 | | 1.4 | 1.5 | 1.6 | .4 | .2 | | | | | | | | | | | | 54 | 54 | 214 | 18 |
| 80/ 79 | .2 | 2.2 | .5 | .1 | .3 | | | | | | | | | | | | | 35 | 35 | 442 | 155 |
| 78/ 77 | .4 | 1.6 | .4 | | | .1 | | | | | | | | | | | | 26 | 26 | 247 | 398 |
| 76/ 75 | .6 | 1.. | | | | | | | | | | | | | | | | 19 | 19 | 94 | 266 |
| 74/ 73 | .4 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 55 | 1?9 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 4 | 51 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 1 | 39 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 1 | 20 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.6 | 6.7 | 6.2 | 20.5 | 31.3 | 22.2 | 8.5 | 2.8 | .3 | | | | | | | | | 1080 | 1080 | 1080 | 1080 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5831913 | 78655 | 72.8 | 9.797 | 1080 | | | | | | | |
| Dry Bulb | 8014927 | 92963 | 86.1 | 3.412 | 1080 | | | 90.0 | 90.0 | 84.8 | .4 | 90 |
| Wet Bulb | 6717527 | 85141 | 78.8 | 2.258 | 1080 | | | 90.0 | 89.5 | 40.8 | | 90 |
| Dew Point | 6264452 | 82196 | 76.1 | 2.844 | 1080 | | | 89.8 | 80.6 | 5.4 | | 90 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | SEP MONTH



1800-2000 HOURS (L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B / W B | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | .4 | 1.1 | .2 | .1 | | | | | | | | | | | | | 17 | 19 | | |
| 86/ 85 | | | .9 | 8.2 | 3.9 | .4 | .2 | | | | | | | | | | | | | 147 | 147 | | |
| 84/ 83 | | .2 | 10.5 | 12.5 | 2.2 | .6 | .2 | | | | | | | | | | | | | 282 | 282 | | |
| 82/ 81 | .1 | 2.4 | 10.8 | 5.2 | 1.5 | .6 | .1 | | | | | | | | | | | | | 224 | 224 | 28 | 3 |
| 80/ 79 | .5 | 6.3 | 7.4 | 3.2 | 1.1 | .3 | | | | | | | | | | | | | | 203 | 203 | 320 | 94 |
| 78/ 77 | .8 | 5.0 | 3.4 | 1.5 | .7 | | | | | | | | | | | | | | | 124 | 124 | 370 | 361 |
| 76/ 75 | 1.6 | 3.0 | 1.6 | .4 | .2 | | | | | | | | | | | | | | | 72 | 72 | 219 | 323 |
| 74/ 73 | .2 | .2 | .1 | .2 | | | | | | | | | | | | | | | | 7 | 7 | 80 | 158 |
| 72/ 71 | .2 | | | | | | | | | | | | | | | | | | | 2 | 2 | 49 | 65 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | 11 | 42 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | 3 | 21 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | 11 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 3.3 | 17.0 | 34.7 | 31.6 | 10.7 | 2.0 | .6 | | | | | | | | | | | | | | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 7472112 | 89408 | 82.8 | 8.081 | 1080 | | | | | | | |
| Dry Bulb | 7161917 | 87887 | 81.4 | 2.975 | 1080 | | | 90.0 | 89.8 | 67.8 | | 90 |
| Wet Bulb | 6432476 | 83308 | 77.1 | 2.425 | 1080 | | | 90.0 | 84.8 | 13.8 | | 90 |
| Dew Point | 6166361 | 81549 | 75.5 | 2.845 | 1080 | | | 88.9 | 78.2 | 1.8 | | 90 |

FORM AWS 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | SEP MONTH

 2100-2300 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | .1 | .4 | | | | | | | | | | | | | | | | 5 | 5 | | |
| 84/ 83 | | .2 | 3.8 | 1.7 | .1 | | | | | | | | | | | | | | | 62 | 62 | | |
| 82/ 81 | | 5.1 | 10.7 | 2.6 | .2 | .1 | | | | | | | | | | | | | | 202 | 202 | 3 | 1 |
| 80/ 79 | .2 | 18.1 | 9.0 | 1.0 | .3 | | | | | | | | | | | | | | | 309 | 309 | 166 | 46 |
| 78/ 77 | 1.2 | 15.9 | 5.8 | 1.2 | .1 | | | | | | | | | | | | | | | 262 | 262 | 394 | 343 |
| 76/ 75 | 2.5 | 9.4 | 3.6 | 1.7 | | | | | | | | | | | | | | | | 181 | 181 | 290 | 346 |
| 74/ 73 | .2 | 1.4 | 2.2 | .8 | | | | | | | | | | | | | | | | 50 | 50 | 127 | 202 |
| 72/ 71 | .1 | .2 | .4 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 55 | 57 |
| 70/ 69 | | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 31 | 49 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | 12 | 19 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | 16 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.8 | 50.3 | 35.7 | 9.4 | .6 | .1 | | | | | | | | | | | | | | 1080 | 1080 | 1080 | 1080 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature ° 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8804787 | 96209 | 89.1 | 5.635 | 1080 | | | 90.0 | 89.3 | 37.9 | | 90 |
| Dry Bulb | 6698975 | 85013 | 78.7 | 2.560 | 1080 | | | 90.0 | 89.3 | 37.9 | | 90 |
| Wet Bulb | 6276145 | 82283 | 76.2 | 2.523 | 1080 | | | 90.0 | 81.8 | 4.1 | | 90 |
| Dew Point | 6108273 | 81165 | 75.2 | 2.806 | 1080 | | | 88.6 | 78.2 | .5 | | 90 |

FORM AWS 64 (7 26-5 (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-MAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-63 YEARS | SEP MONTH



ALL HOURS (LST)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3 | 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 | TOTAL DB/WB | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96/ 95 | | | | | | | | .0 | | | | | | | | | | 2 | 2 | | |
| 94/ 93 | | | | | | .0 | .1 | .0 | | | | | | | | | | 11 | 11 | | |
| 92/ 91 | | | | .0 | .1 | .6 | .2 | .1 | .0 | | | | | | | | | 86 | 86 | | |
| 90/ 89 | | | | .1 | 1.9 | 3.0 | 1.0 | .3 | .0 | | | | | | | | | 549 | 549 | | |
| 88/ 87 | | | .0 | 1.5 | 3.0 | 2.8 | .8 | .3 | .0 | | | | | | | | | 991 | 991 | | |
| 86/ 85 | | .0 | .7 | 4.8 | 3.3 | 1.0 | .6 | .1 | | | | | | | | | | 901 | 901 | 1 | |
| 84/ 83 | | .1 | 3.6 | 4.3 | 1.0 | .4 | .1 | .0 | | | | | | | | | | 821 | 821 | 49 | 2 |
| 82/ 81 | .0 | 1.9 | 4.9 | 1.9 | .4 | .2 | .0 | | | | | | | | | | | 802 | 802 | 612 | 50 |
| 80/ 79 | .3 | 9.0 | 4.5 | .8 | .3 | .1 | .0 | | | | | | | | | | | 1296 | 1296 | 2006 | 625 |
| 78/ 77 | 1.4 | 13.2 | 2.4 | .4 | .1 | .0 | | | | | | | | | | | | 1515 | 1515 | 2550 | 2622 |
| 76/ 75 | 2.2 | 9.6 | 1.4 | .4 | .0 | | | | | | | | | | | | | 1177 | 1177 | 1948 | 2754 |
| 74/ 73 | .4 | 2.3 | .6 | .3 | .0 | | | | | | | | | | | | | 337 | 337 | 940 | 1503 |
| 72/ 71 | .1 | .7 | .3 | .1 | | | | | | | | | | | | | | 99 | 99 | 286 | 495 |
| 70/ 69 | .0 | .4 | .1 | .0 | | | | | | | | | | | | | | 47 | 47 | 156 | 322 |
| 68/ 67 | | .1 | | | | | | | | | | | | | | | | 9 | 9 | 78 | 166 |
| 66/ 65 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 14 | 80 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 15 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | 4.4 | 37.4 | 18.0 | 14.7 | 9.2 | 8.1 | 2.8 | .5 | .1 | | | | | | | | | 8640 | 8640 | | 8640 |
| | | | | | | | | | | | | | | | | | | 8640 | | 8640 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | > 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum. | 61519967 | 722543 | 83.6 | 11.260 | 8640 | | | | | | | |
| Dry Bulb | 57037313 | 700747 | 81.1 | 4.850 | 8640 | | | 719.9 | 707.0 | 407.7 | 1.1 | 720 |
| Wet Bulb | 51245944 | 664962 | 77.0 | 2.813 | 8640 | | | 718.8 | 675.5 | 134.9 | | 720 |
| Dew Point | 49151669 | 651209 | 75.4 | 2.828 | 8640 | | | 711.6 | 629.7 | 10.5 | | 720 |

FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FURMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | OCT MONTH

PAGE 1 | 0000-0200 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D R / V B | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | .7 | .3 | .1 | | | | | | | | | | | | | | 12 | 12 | 3 | |
| 78/ 77 | .4 | 7.5 | .7 | .3 | | | | | | | | | | | | | | 100 | 100 | 29 | 17 |
| 76/ 75 | 2.0 | 15.2 | 1.3 | .1 | | | | | | | | | | | | | | 207 | 207 | 150 | 102 |
| 74/ 73 | .6 | 11.5 | 3.7 | .5 | | | | | | | | | | | | | | 182 | 182 | 160 | 195 |
| 72/ 71 | .2 | 8.6 | 4.6 | .4 | .2 | | | | | | | | | | | | | 155 | 155 | 138 | 130 |
| 70/ 69 | .4 | 10.8 | 5.2 | .4 | | | | | | | | | | | | | | 187 | 187 | 167 | 138 |
| 68/ 67 | .2 | 6.5 | 5.7 | .5 | | | | | | | | | | | | | | 143 | 143 | 156 | 152 |
| 66/ 65 | | 3.5 | 1.8 | .4 | | | | | | | | | | | | | | 63 | 63 | 120 | 129 |
| 64/ 63 | | 2.1 | 1.1 | .1 | | | | | | | | | | | | | | 36 | 36 | 93 | 95 |
| 62/ 61 | | 1.3 | .4 | | | | | | | | | | | | | | | 19 | 19 | 47 | 80 |
| 60/ 59 | | .5 | | | | | | | | | | | | | | | | 6 | 6 | 26 | 50 |
| 58/ 57 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 7 | 18 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 2 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.0 | 68.3 | 24.9 | 2.8 | .2 | | | | | | | | | | | | | | 1115 | | 1115 |
| | | | | | | | | | | | | | | | | | | 1115 | | 1115 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9139442 | 100830 | 90.3 | 5.144 | 1116 | | | | | | | |
| Dry Bulb | 5716977 | 79703 | 71.5 | 4.195 | 1115 | | | 82.4 | 42.0 | .4 | | 93 |
| Wet Bulb | 5407968 | 77480 | 69.5 | 4.639 | 1115 | | | 67.6 | 29.2 | | | 93 |
| Dew Point | 5254523 | 76337 | 68.5 | 5.032 | 1115 | | | 61.2 | 26.2 | | | 93 |

FORM AC 64 0-26-5 (OL-1) USAF ETAC REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-63 (YEARS) OCT (MONTH)

PAGE 1 0300-0500 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D.B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82/ 81 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | .3 | .3 | | | | | | | | | | | | | | | 6 | 6 | | |
| 78/ 77 | .2 | 3.9 | .3 | | | | | | | | | | | | | | | 48 | 48 | 16 | 9 |
| 76/ 75 | 1.8 | 12.5 | .3 | | | | | | | | | | | | | | | 163 | 163 | 102 | 72 |
| 74/ 73 | 2.2 | 13.2 | .5 | | | | | | | | | | | | | | | 178 | 178 | 185 | 196 |
| 72/ 71 | .4 | 10.6 | 1.9 | | | | | | | | | | | | | | | 143 | 143 | 117 | 117 |
| 70/ 69 | 1.6 | 11.6 | 1.7 | .4 | .4 | | | | | | | | | | | | | 175 | 175 | 161 | 133 |
| 68/ 67 | 1.1 | 10.7 | 3.2 | | | | | | | | | | | | | | | 167 | 167 | 166 | 160 |
| 66/ 65 | .4 | 8.2 | 1.8 | | | | | | | | | | | | | | | 116 | 116 | 142 | 131 |
| 64/ 63 | | 4.9 | .9 | .2 | | | | | | | | | | | | | | 66 | 66 | 107 | 114 |
| 62/ 61 | | 2.6 | .4 | | | | | | | | | | | | | | | 33 | 33 | 60 | 86 |
| 60/ 59 | | 1.1 | .3 | | | | | | | | | | | | | | | 15 | 15 | 38 | 60 |
| 58/ 57 | | .4 | | | | | | | | | | | | | | | | 5 | 5 | 19 | 28 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 3 | 7 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 7.6 | 79.9 | 11.9 | .5 | .4 | | | | | | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 9582016 | 103290 | 92.6 | 4.456 | 1116 | | | | | | | |
| Dry Bulb | 5512917 | 78283 | 70.1 | 4.409 | 1116 | | | 73.4 | 33.0 | .2 | | 93 |
| Wet Bulb | 5282277 | 76601 | 68.6 | 4.685 | 1116 | | | 62.3 | 25.3 | | | 93 |
| Dew Point | 5171901 | 75767 | 67.9 | 5.008 | 1116 | | | 57.3 | 23.1 | | | 93 |

FORM NO. 64 0-26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | OCT MONTH



0600-0800 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | .4 | .8 | | | | | | | | | | | | | | 14 | 14 | | |
| 80/ 79 | | .7 | 3.5 | .8 | | | | | | | | | | | | | | 56 | 56 | | |
| 78/ 77 | .4 | 2.6 | 3.4 | .8 | | | | | | | | | | | | | | 80 | 80 | 30 | 11 |
| 76/ 75 | 1.0 | 9.2 | 2.2 | .6 | .1 | | | | | | | | | | | | | 146 | 146 | 131 | 75 |
| 74/ 73 | 2.2 | 8.1 | 4.2 | 1.0 | | | | | | | | | | | | | | 172 | 172 | 165 | 194 |
| 72/ 71 | 1.6 | 8.7 | 3.7 | .7 | .3 | | | | | | | | | | | | | 167 | 167 | 146 | 139 |
| 70/ 69 | 1.3 | 9.3 | 4.3 | 1.1 | .1 | | | | | | | | | | | | | 179 | 179 | 161 | 146 |
| 68/ 67 | .5 | 8.0 | 2.2 | 1.0 | | | | | | | | | | | | | | 130 | 130 | 165 | 153 |
| 66/ 65 | .3 | 5.8 | 1.8 | .5 | | | | | | | | | | | | | | 94 | 94 | 136 | 139 |
| 64/ 63 | | 3.0 | .7 | | | | | | | | | | | | | | | 41 | 41 | 89 | 106 |
| 62/ 61 | .1 | 1.6 | .4 | | | | | | | | | | | | | | | 23 | 23 | 50 | 66 |
| 60/ 59 | | .7 | .3 | | | | | | | | | | | | | | | 11 | 11 | 32 | 54 |
| 58/ 57 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 9 | 26 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 2 | 5 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 1 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.3 | 57.9 | 27.0 | 7.4 | .4 | | | | | | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9068787 | 100349 | 89.9 | 6.392 | 1116 | | | | | | | |
| Dry Bulb | 5707178 | 79636 | 71.4 | 4.658 | 1116 | | | 78.8 | 39.1 | 3.8 | | 93 |
| Wet Bulb | 5373974 | 77272 | 69.2 | 4.605 | 1116 | | | 66.5 | 27.2 | | | 93 |
| Dew Point | 5219109 | 76125 | 68.2 | 4.870 | 1116 | | | 59.8 | 23.3 | | | 93 |

FORM AWS 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) OCT (MONTH)

PAGE 1 0900-1100 (HOURS (L S T))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B /W B | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | .2 | .2 | .1 | .2 | | | | | | | | | | 7 | 7 | | |
| 88/ 87 | | | | .1 | 1.1 | 2.2 | 1.0 | | | | | | | | | | | 48 | 48 | | |
| 86/ 85 | | | .1 | 2.2 | 5.2 | 4.0 | .4 | .1 | | .1 | | | | | | | | 135 | 135 | | |
| 84/ 83 | | | 1.3 | 6.4 | 7.1 | 3.2 | 1.3 | .2 | .2 | | | | | | | | | 219 | 219 | | |
| 82/ 81 | | .4 | 1.0 | 5.3 | 6.2 | 2.2 | 1.1 | .4 | | | | | | | | | | 186 | 186 | 5 | |
| 80/ 79 | | .6 | 2.1 | 5.3 | 4.9 | 2.8 | 1.1 | .1 | | | | | | | | | | 188 | 188 | 66 | 10 |
| 78/ 77 | | .4 | 3.0 | 4.8 | 3.4 | .9 | .4 | .1 | | | | | | | | | | 145 | 145 | 208 | 53 |
| 76/ 75 | | .5 | 1.7 | 3.5 | 2.7 | .2 | | | | | | | | | | | | 96 | 96 | 237 | 150 |
| 74/ 73 | | .1 | .7 | 2.0 | .8 | .6 | .1 | | | | | | | | | | | 48 | 48 | 212 | 226 |
| 72/ 71 | | .1 | .9 | .0 | .3 | .2 | | | | | | | | | | | | 23 | 23 | 146 | 178 |
| 70/ 69 | | .2 | .4 | .4 | .3 | | | | | | | | | | | | | 14 | 14 | 121 | 163 |
| 68/ 67 | | .1 | .2 | .1 | .1 | | | | | | | | | | | | | 5 | 5 | 76 | 122 |
| 66/ 65 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 25 | 104 |
| 64/ 63 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 12 | 51 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 6 | 32 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 2 | 14 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 7 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | | 2.5 | 11.4 | 30.7 | 32.2 | 16.5 | 5.4 | 1.1 | .2 | .1 | | | | | | | | 1116 | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5852376 | 80302 | 72.0 | 8.159 | 1116 | | | | | | | |
| Dry Bulb | 7252582 | 89850 | 80.5 | 4.094 | 1116 | | | 92.8 | 89.3 | 59.8 | | 93 |
| Wet Bulb | 6062290 | 82144 | 73.6 | 3.791 | 1116 | | | 89.3 | 60.7 | 2.7 | | 93 |
| Dew Point | 5575400 | 78722 | 70.5 | 4.482 | 1116 | | | 75.2 | 36.6 | .1 | | 93 |

USAF-ETAC FORM 0-26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) | TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) | 54-65 (YEARS) | OCT (MONTH)



1200-1400 (HOURS & STI)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B /W B | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | .1 | .2 | .4 | | | | | | | | | | 7 | 7 | | |
| 90/ 89 | | | | | .7 | 1.8 | 2.8 | .4 | .1 | | | | | | | | | 64 | 64 | | |
| 88/ 87 | | | | 1.1 | 5.3 | 9.9 | 4.3 | .9 | .4 | | | | | | | | | 244 | 244 | | |
| 86/ 85 | | | .2 | 1.8 | 7.9 | 10.6 | 4.8 | 1.9 | .6 | | | | | | | | | 310 | 310 | | |
| 84/ 83 | | | .5 | 1.4 | 5.4 | 7.3 | 4.9 | 1.9 | .9 | | | | | | | | | 250 | 250 | | |
| 82/ 81 | | | .4 | 1.7 | 3.3 | 3.6 | 3.1 | 1.3 | | | | | | | | | | 151 | 151 | 28 | 1 |
| 80/ 79 | | .4 | .3 | .6 | 1.6 | 1.4 | .9 | .2 | | | | | | | | | | 60 | 60 | 136 | 15 |
| 78/ 77 | | .1 | .1 | .4 | .6 | .2 | | | | | | | | | | | | 15 | 15 | 289 | 79 |
| 76/ 75 | | | .1 | .1 | .5 | | | | | | | | | | | | | 8 | 8 | 240 | 160 |
| 74/ 73 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 183 | 239 |
| 72/ 71 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 130 | 197 |
| 70/ 69 | | | | .1 | .2 | | | | | | | | | | | | | 3 | 3 | 86 | 136 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 20 | 105 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 1 | 90 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 1 | 57 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 2 | 23 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 10 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | | .4 | 1.9 | 7.3 | 25.5 | 34.9 | 21.1 | 6.9 | 2.0 | | | | | | | | | 1116 | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4705169 | 71933 | 64.5 | 7.847 | 1116 | | | | | | | |
| Dry Bulb | 7992000 | 94304 | 84.6 | 2.937 | 1116 | | | 93.0 | 92.5 | 89.4 | | 93 |
| Wet Bulb | 6324497 | 83933 | 75.2 | 3.280 | 1116 | | | 92.7 | 73.0 | 6.9 | | 93 |
| Dew Point | 5673543 | 79423 | 71.2 | 4.331 | 1116 | | | 77.7 | 41.2 | .3 | | 93 |

USAF ETAC FORM NR 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | OCT MONTH

PAGE 1 | 1500-1700 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92/ 91 | | | | | | .1 | .2 | | | | | | | | | | | 3 | 3 | | |
| 90/ 89 | | | | | .7 | 1.9 | 1.2 | .2 | .1 | | | | | | | | | 45 | 45 | | |
| 88/ 87 | | | .1 | .6 | 3.5 | 6.2 | 1.5 | .4 | .1 | | | | | | | | | 138 | 138 | | |
| 86/ 85 | | | | 3.0 | 8.3 | 9.2 | 3.0 | 1.1 | .4 | | | | | | | | | 280 | 280 | | |
| 84/ 83 | | | .5 | 3.6 | 6.5 | 5.6 | 4.2 | 1.4 | .3 | | | | | | | | | 250 | 250 | 2 | |
| 82/ 81 | | .1 | .9 | 2.8 | 4.0 | 5.1 | 2.4 | .8 | .1 | | | | | | | | | 181 | 181 | 23 | 2 |
| 80/ 79 | | .4 | 1.0 | 1.6 | 3.8 | 2.5 | 1.6 | .4 | | | | | | | | | | 125 | 125 | 131 | 15 |
| 78/ 77 | | .3 | .2 | .8 | 1.4 | 1.6 | .5 | | | | | | | | | | | 54 | 54 | 243 | 74 |
| 76/ 75 | | .4 | .3 | .5 | .7 | .3 | | | | | | | | | | | | 24 | 24 | 234 | 189 |
| 74/ 73 | | | .2 | .2 | .1 | | | | | | | | | | | | | 5 | 5 | 182 | 207 |
| 72/ 71 | | .1 | .3 | .1 | .2 | | | | | | | | | | | | | 7 | 7 | 145 | 178 |
| 70/ 69 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 95 | 133 |
| 68/ 67 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 49 | 127 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 8 | 75 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 1 | 66 |
| 62/ 61 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 1 | 36 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 1 | 11 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 1.2 | 3.7 | 13.5 | 29.3 | 32.5 | 14.6 | 4.2 | 1.0 | | | | | | | | | 1116 | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5063023 | 74589 | 66.8 | 8.353 | 1116 | | | | | | | |
| Dry Bulb | 7756661 | 92959 | 83.3 | 3.461 | 1116 | | | 92.8 | 92.1 | 82.7 | | 93 |
| Wet Bulb | 6248372 | 83410 | 74.7 | 3.581 | 1116 | | | 92.0 | 67.9 | 5.8 | | 93 |
| Dew Point | 5654889 | 79281 | 71.0 | 4.516 | 1116 | | | 77.1 | 40.6 | .4 | | 93 |

USAF ETAC Form 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | OCT MONTH



1800-2000 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL DB/WB | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥31 | | | | |
| 86/ 85 | | | | .4 | .5 | | | | | | | | | | | | | | | 11 | 11 | | |
| 84/ 83 | | | .6 | 2.7 | 1.2 | | | | | | | | | | | | | | | 50 | 50 | | |
| 82/ 81 | | .3 | 3.2 | 5.9 | 1.1 | .2 | | | | | | | | | | | | | | 119 | 119 | | |
| 80/ 79 | | 1.1 | 8.0 | 6.6 | 2.3 | .4 | .2 | | | | | | | | | | | | | 217 | 217 | 23 | 1 |
| 78/ 77 | .1 | 2.7 | 7.5 | 6.0 | 3.4 | .6 | .2 | | | | | | | | | | | | | 229 | 229 | 120 | 35 |
| 76/ 75 | | 1.6 | 6.5 | 6.7 | 2.3 | .7 | .1 | | | | | | | | | | | | | 201 | 201 | 227 | 152 |
| 74/ 73 | | 1.2 | 5.4 | 4.9 | 1.6 | .2 | | | | | | | | | | | | | | 148 | 148 | 177 | 203 |
| 72/ 71 | .2 | .4 | 3.0 | 3.2 | .9 | .1 | | | | | | | | | | | | | | 87 | 87 | 179 | 158 |
| 70/ 69 | | .2 | 1.3 | 1.6 | .1 | | | | | | | | | | | | | | | 36 | 36 | 174 | 144 |
| 68/ 67 | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | 8 | 8 | 116 | 165 |
| 66/ 65 | | .2 | .3 | .2 | | | | | | | | | | | | | | | | 7 | 7 | 69 | 105 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | 24 | 75 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | 3 | 55 |
| 60/ 59 | | .1 | .2 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 14 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 2 | 4 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 7.8 | 37.1 | 38.6 | 13.5 | 2.2 | .4 | | | | | | | | | | | | | 1116 | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7049370 | 88320 | 79.1 | 7.258 | 1116 | | | | | | | |
| Dry Bulb | 6612024 | 85796 | 76.9 | 3.810 | 1116 | | | 92.2 | 81.3 | 25.3 | | 93 |
| Wet Bulb | 5815130 | 80438 | 72.1 | 3.950 | 1116 | | | 84.8 | 45.6 | .2 | | 93 |
| Dew Point | 5472745 | 77987 | 69.9 | 4.537 | 1116 | | | 71.3 | 32.6 | | | 93 |

USAF ETAC FORM 0-26.5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | OCT MONTH

PAGE 1 | 2100-2300 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B / W B | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | .3 | | | | | | | | | | | | | | 3 | 3 | | |
| 82/ 81 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | 3.1 | 2.8 | .5 | | | | | | | | | | | | | | 72 | 72 | 4 | |
| 78/ 77 | | 9.9 | 5.8 | .4 | .1 | | | | | | | | | | | | | 180 | 180 | 55 | 23 |
| 76/ 75 | .1 | 10.3 | 5.3 | 1.3 | .2 | | | | | | | | | | | | | 192 | 192 | 189 | 108 |
| 74/ 73 | | 6.4 | 10.7 | 1.6 | .3 | | | | | | | | | | | | | 211 | 211 | 152 | 199 |
| 72/ 71 | | 4.6 | 7.9 | 2.6 | .1 | .1 | | | | | | | | | | | | 170 | 170 | 151 | 132 |
| 70/ 69 | .1 | 4.3 | 7.7 | 2.3 | | | | | | | | | | | | | | 161 | 161 | 170 | 145 |
| 68/ 67 | | 1.7 | 3.8 | .6 | .2 | | | | | | | | | | | | | 70 | 70 | 162 | 162 |
| 66/ 65 | | 1.3 | 1.3 | .6 | | | | | | | | | | | | | | 36 | 36 | 121 | 117 |
| 64/ 63 | | .4 | .4 | .3 | | | | | | | | | | | | | | 12 | 12 | 71 | 102 |
| 62/ 61 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 25 | 79 |
| 60/ 59 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 12 | 24 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 | 16 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 3 | 6 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .2 | 42.0 | 46.2 | 10.6 | .8 | .2 | | | | | | | | | | | | 1116 | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8361511 | 96383 | 86.4 | 5.793 | 1116 | | | | | | | |
| Dry Bulb | 5999369 | 81707 | 73.2 | 3.934 | 1116 | | | 88.5 | 55.1 | 3.2 | | 93 |
| Wet Bulb | 5535728 | 78448 | 70.3 | 4.372 | 1116 | | | 73.6 | 33.3 | | | 93 |
| Dew Point | 5316389 | 76833 | 68.8 | 4.892 | 1116 | | | 64.1 | 27.5 | | | 93 |

FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAF ETAC

DATA PROCESSING DIVISION
USAF ETAC
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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | OCT MONTH



ALL HOURS (L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B /W B | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | .0 | .0 | .0 | | | | | | | | | | 10 | 10 | | |
| 90/ 89 | | | | | .2 | .5 | .5 | .1 | .0 | | | | | | | | | 116 | 116 | | |
| 88/ 87 | | | .0 | .2 | 1.2 | 2.3 | .9 | .2 | .1 | | | | | | | | | 430 | 430 | | |
| 86/ 85 | | | .0 | .9 | 2.7 | 3.0 | 1.0 | .4 | .1 | .0 | | | | | | | | 737 | 737 | | |
| 84/ 83 | | | .4 | 1.8 | 2.5 | 2.0 | 1.3 | .4 | .2 | | | | | | | | | 773 | 773 | 2 | |
| 82/ 81 | | .1 | .6 | 2.1 | 1.8 | 1.4 | .8 | .3 | .0 | | | | | | | | | 656 | 656 | 56 | 3 |
| 80/ 79 | | .9 | 2.4 | 1.9 | 1.8 | .9 | .5 | .1 | | | | | | | | | | 736 | 736 | 363 | 41 |
| 78/ 77 | .1 | 3.4 | 2.6 | 1.7 | 1.1 | .4 | .1 | .0 | | | | | | | | | | 851 | 851 | 990 | 301 |
| 76/ 75 | .6 | 6.2 | 2.2 | 1.6 | .8 | .1 | .0 | | | | | | | | | | | 1037 | 1037 | 1510 | 1008 |
| 74/ 73 | .6 | 5.0 | 3.2 | 1.3 | .3 | .1 | .0 | | | | | | | | | | | 945 | 945 | 1424 | 1659 |
| 72/ 71 | .3 | 4.1 | 2.8 | 1.0 | .2 | .0 | | | | | | | | | | | | 755 | 755 | 1152 | 1229 |
| 70/ 69 | .4 | 4.5 | 2.6 | .8 | .1 | | | | | | | | | | | | | 756 | 756 | 1135 | 1138 |
| 68/ 67 | .2 | 3.4 | 1.9 | .3 | .0 | | | | | | | | | | | | | 524 | 524 | 912 | 1146 |
| 66/ 65 | .1 | 2.4 | .9 | .2 | | | | | | | | | | | | | | 317 | 317 | 626 | 890 |
| 64/ 63 | | 1.3 | .4 | .1 | | | | | | | | | | | | | | 156 | 156 | 398 | 666 |
| 62/ 61 | .0 | .7 | .2 | | | | | | | | | | | | | | | 80 | 80 | 194 | 457 |
| 60/ 59 | | .3 | .1 | | | | | | | | | | | | | | | 38 | 38 | 114 | 237 |
| 58/ 57 | | .1 | .0 | | | | | | | | | | | | | | | 10 | 10 | 38 | 103 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 11 | 35 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | 6 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 7 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.4 | 32.5 | 20.5 | 13.9 | 12.8 | 10.8 | 5.2 | 1.5 | .4 | .0 | | | | | | | | 8927 | 8927 | 8927 | 8927 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 58820694 | 715996 | 80.2 | 12.524 | 8928 | | | | | | | |
| Dry Bulb | 52549728 | 682320 | 76.4 | 6.676 | 8927 | | | 693.9 | 524.3 | 264.7 | | 744 |
| Wet Bulb | 46050236 | 639726 | 71.7 | 4.807 | 8927 | | | 628.7 | 362.1 | 15.5 | | 744 |
| Dew Point | 43338499 | 620477 | 69.5 | 4.872 | 8927 | | | 543.8 | 251.0 | .8 | | 744 |

FORM AM 64 0-26-5 (OL-1) USAF-ETAC REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | NOV MONTH

PAGE 1 | 0000-0200 HOURS (L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B /W B | Dry Bulb | Wet Bulb | Dew Point |
| 76/ 75 | | 1.1 | .1 | | | | | | | | | | | | | | | 13 | 13 | | |
| 74/ 73 | .4 | 3.3 | 1.5 | .1 | | | | | | | | | | | | | | 78 | 78 | 27 | 18 |
| 72/ 71 | 1.9 | 9.2 | 1.9 | .2 | | | | | | | | | | | | | | 142 | 142 | 94 | 76 |
| 70/ 69 | 1.3 | 10.8 | 3.2 | .1 | | | | | | | | | | | | | | 167 | 167 | 150 | 129 |
| 68/ 67 | 1.4 | 9.4 | 3.0 | .7 | .2 | | | | | | | | | | | | | 159 | 159 | 178 | 136 |
| 66/ 65 | .6 | 10.6 | 2.6 | 1.0 | | | | | | | | | | | | | | 161 | 161 | 116 | 126 |
| 64/ 63 | .4 | 5.1 | 3.1 | .9 | .1 | | | | | | | | | | | | | 104 | 104 | 154 | 134 |
| 62/ 61 | .8 | 5.5 | 4.0 | .3 | | | | | | | | | | | | | | 114 | 114 | 96 | 116 |
| 60/ 59 | .1 | 3.5 | 1.8 | .6 | .2 | | | | | | | | | | | | | 67 | 67 | 119 | 85 |
| 58/ 57 | | 2.7 | 1.4 | .4 | | | | | | | | | | | | | | 48 | 48 | 73 | 87 |
| 56/ 55 | | 1.3 | .5 | | | | | | | | | | | | | | | 19 | 19 | 50 | 87 |
| 54/ 53 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 30 | 44 |
| 52/ 51 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 6 | 18 |
| 50/ 49 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 11 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 2 | 10 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 6.9 | 64.9 | 23.4 | 4.4 | .5 | | | | | | | | | | | | | 1080 | | 1080 | |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8692212 | 96636 | 89.5 | 6.489 | 1080 | | | | | | | |
| Dry Bulb | 4765110 | 71554 | 66.3 | 4.755 | 1080 | | | 46.6 | 7.6 | | | 90 |
| Wet Bulb | 4487778 | 69392 | 64.3 | 5.203 | 1080 | | | 35.8 | 2.3 | | | 90 |
| Dew Point | 4331682 | 68110 | 63.1 | 5.803 | 1080 | | | 29.9 | 1.5 | | | 90 |

FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FURMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) NOV (MONTH)

PAGE 1 0300-0500 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | | | | | |
| 76/ 75 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | | |
| 74/ 73 | .3 | 3.3 | .3 | | | | | | | | | | | | | | | 42 | 42 | 12 | 11 |
| 72/ 71 | 1.8 | 7.3 | .3 | | | | | | | | | | | | | | | 101 | 103 | 66 | 62 |
| 70/ 69 | 2.9 | 8.5 | 1.3 | .1 | .1 | | | | | | | | | | | | | 139 | 139 | 125 | 108 |
| 68/ 67 | 3.1 | 10.6 | 2.4 | .5 | | | | | | | | | | | | | | 179 | 179 | 159 | 124 |
| 66/ 65 | 1.9 | 11.2 | 1.6 | .5 | .1 | | | | | | | | | | | | | 164 | 164 | 133 | 131 |
| 64/ 63 | .6 | 6.5 | 1.9 | .5 | | | | | | | | | | | | | | 102 | 102 | 140 | 130 |
| 62/ 61 | 1.3 | 8.1 | 3.7 | | | | | | | | | | | | | | | 143 | 142 | 117 | 127 |
| 60/ 59 | .7 | 5.8 | 1.2 | .1 | | | | | | | | | | | | | | 85 | 85 | 122 | 95 |
| 58/ 57 | | 3.9 | 1.5 | .3 | | | | | | | | | | | | | | 61 | 61 | 85 | 98 |
| 56/ 55 | .1 | 2.8 | .6 | | | | | | | | | | | | | | | 38 | 38 | 60 | 85 |
| 54/ 53 | | 1.1 | .1 | | | | | | | | | | | | | | | 13 | 13 | 33 | 56 |
| 52/ 51 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 20 | 39 |
| 50/ 49 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 12 |
| 48/ 47 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 9 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 12.6 | 70.4 | 15.0 | 1.9 | .2 | | | | | | | | | | | | | 1080 | 1080 | 1080 | 1080 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9062799 | 98731 | 91.4 | 5.860 | 1080 | | | | | | | |
| Dry Bulb | 4590142 | 70206 | 65.0 | 4.943 | 1080 | | | 38.8 | 3.8 | | | 90 |
| Wet Bulb | 4371172 | 68470 | 63.4 | 5.299 | 1080 | | | 30.2 | 1.0 | | | 90 |
| Dew Point | 4245970 | 67430 | 62.4 | 5.773 | 1080 | | | 25.4 | .9 | | | 90 |

USAF ETAC FORM NO. 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-63 (YEARS) NOV (MONTH)

PAGE 1 0600-0800 (HOURS (L S T))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80/ 79 | | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | .1 | .2 | .2 | | | | | | | | | | | | | | | | 5 | 5 | | |
| 76/ 75 | | .6 | .5 | .4 | | | | | | | | | | | | | | | | 15 | 15 | 1 | |
| 74/ 73 | .4 | 2.3 | 1.6 | .3 | | | | | | | | | | | | | | | | 49 | 49 | 19 | 13 |
| 72/ 71 | 1.9 | 6.5 | 2.1 | .2 | | | | | | | | | | | | | | | | 115 | 115 | 69 | 57 |
| 70/ 69 | 2.4 | 8.1 | 3.3 | .2 | .3 | | | | | | | | | | | | | | | 154 | 154 | 128 | 103 |
| 68/ 67 | 1.6 | 9.3 | 2.4 | .4 | .2 | | | | | | | | | | | | | | | 149 | 149 | 139 | 120 |
| 66/ 65 | 2.1 | 10.6 | 2.5 | .6 | .1 | | | | | | | | | | | | | | | 172 | 172 | 163 | 146 |
| 64/ 63 | .6 | 5.5 | 3.4 | .7 | .1 | | | | | | | | | | | | | | | 112 | 112 | 144 | 139 |
| 62/ 61 | .8 | 6.0 | 3.2 | .2 | | | | | | | | | | | | | | | | 111 | 111 | 104 | 113 |
| 60/ 59 | 1.0 | 4.8 | 2.0 | .7 | | | | | | | | | | | | | | | | 93 | 93 | 120 | 101 |
| 58/ 57 | .2 | 2.4 | 1.4 | .1 | | | | | | | | | | | | | | | | 44 | 44 | 80 | 104 |
| 56/ 55 | .1 | 3.1 | .5 | | | | | | | | | | | | | | | | | 39 | 39 | 51 | 70 |
| 54/ 53 | | 1.1 | .3 | .1 | | | | | | | | | | | | | | | | 16 | 16 | 40 | 54 |
| 52/ 51 | | .2 | | | | | | | | | | | | | | | | | | 2 | 2 | 20 | 37 |
| 50/ 49 | | .1 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 12 |
| 48/ 47 | | .1 | | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 8 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 11.1 | 60.6 | 29.5 | 4.2 | .6 | | | | | | | | | | | | | | | | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8778750 | 97098 | 89.9 | 6.746 | 1080 | | | | | | | |
| Dry Bulb | 4658690 | 70718 | 65.5 | 5.104 | 1080 | | | 40.7 | 5.8 | | | 90 |
| Wet Bulb | 4392170 | 68636 | 63.6 | 5.293 | 1080 | | | 29.3 | 1.7 | | | 90 |
| Dew Point | 4243945 | 67415 | 62.4 | 5.761 | 1080 | | | 24.4 | 1.1 | | | 90 |

FORM AWS 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | NOV MONTH

 0900-1100 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88/ 87 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | | .4 | .6 | .5 | | | | | | | | | | 19 | 19 | | |
| 84/ 83 | | | | .1 | 1.2 | 1.9 | .7 | .1 | | | | | | | | | | 44 | 44 | | |
| 82/ 81 | | | .1 | .9 | 3.6 | 3.2 | .4 | .1 | | | | | | | | | | 90 | 90 | | |
| 80/ 79 | | | .5 | 3.2 | 4.8 | 2.7 | .7 | | | | | | | | | | | 129 | 129 | | |
| 78/ 77 | | .1 | 2.0 | 3.4 | 4.6 | 1.2 | .5 | .1 | | | | | | | | | | 129 | 129 | 9 | |
| 76/ 75 | | .5 | 2.3 | 4.7 | 4.3 | 2.4 | .6 | | | | | | | | | | | 160 | 160 | 56 | 4 |
| 74/ 73 | .1 | 1.4 | 2.4 | 4.5 | 2.5 | 2.1 | .4 | .1 | | | | | | | | | | 146 | 146 | 154 | 47 |
| 72/ 71 | .1 | 1.1 | 3.1 | 2.7 | 2.9 | .5 | .1 | | | | | | | | | | | 112 | 112 | 181 | 111 |
| 70/ 69 | .1 | .6 | 2.6 | 2.7 | 3.0 | .6 | .1 | | | | | | | | | | | 103 | 103 | 154 | 157 |
| 68/ 67 | .1 | .4 | 2.1 | 2.2 | .4 | | | | | | | | | | | | | 56 | 56 | 153 | 161 |
| 66/ 65 | .1 | .3 | 1.3 | 2.2 | 1.1 | | | | | | | | | | | | | 54 | 54 | 118 | 140 |
| 64/ 63 | | .1 | .8 | .4 | .2 | | | | | | | | | | | | | 18 | 18 | 110 | 103 |
| 62/ 61 | | | .5 | .6 | .2 | | | | | | | | | | | | | 13 | 13 | 63 | 96 |
| 60/ 59 | | | .4 | .3 | | | | | | | | | | | | | | 7 | 7 | 43 | 94 |
| 58/ 57 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 23 | 74 |
| 56/ 55 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 13 | 50 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | 22 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 14 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .5 | 4.4 | 17.9 | 28.6 | 29.1 | 15.2 | 4.1 | .4 | | | | | | | | | | | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5692450 | 77784 | 72.0 | 9.147 | 1080 | | | | | | | |
| Dry Bulb | 6027922 | 80466 | 74.5 | 5.510 | 1080 | | | 82.1 | 59.5 | 19.4 | | 90 |
| Wet Bulb | 5038371 | 73581 | 68.1 | 4.838 | 1080 | | | 58.9 | 18.3 | | | 90 |
| Dew Point | 4561300 | 69938 | 64.8 | 5.471 | 1080 | | | 40.0 | 4.3 | | | 90 |

FORM AWS 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAF ETAC

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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | NOV MONTH

PART 1 | 1200-1400 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | | | | |
| 90/ 89 | | | | | | | .2 | .3 | | | | | | | | | | | 5 | 5 | | |
| 88/ 87 | | | | | | .3 | .4 | 1.1 | .5 | | | | | | | | | | 24 | 24 | | |
| 86/ 85 | | | | | .1 | 1.0 | 4.4 | 2.8 | .9 | .1 | | | | | | | | | 100 | 100 | | |
| 84/ 83 | | | | | .2 | 4.3 | 8.3 | 4.3 | 1.1 | .2 | .1 | | | | | | | | 199 | 199 | | |
| 82/ 81 | | | | | .9 | 5.5 | 7.6 | 3.5 | .8 | .1 | | | | | | | | | 178 | 178 | | |
| 80/ 79 | | | | .2 | 1.1 | 4.2 | 6.5 | 3.4 | 1.1 | .2 | | | | | | | | | 183 | 183 | 5 | |
| 78/ 77 | | | .1 | .4 | .8 | 3.5 | 3.9 | 3.8 | .6 | .1 | | | | | | | | | 142 | 142 | 33 | 4 |
| 76/ 75 | | | .4 | .3 | .8 | 2.1 | 3.5 | 2.1 | .4 | | | | | | | | | | 104 | 104 | 156 | 10 |
| 74/ 73 | | | .5 | .1 | .6 | .8 | 2.9 | .6 | .3 | | | | | | | | | | 62 | 62 | 211 | 78 |
| 72/ 71 | | .1 | .4 | .6 | .3 | 1.6 | .6 | .1 | | | | | | | | | | | 39 | 39 | 178 | 147 |
| 70/ 69 | | | .1 | .6 | .7 | .9 | .3 | | | | | | | | | | | | 29 | 29 | 162 | 158 |
| 68/ 67 | | | .2 | .1 | .3 | .4 | | | | | | | | | | | | | 10 | 10 | 118 | 151 |
| 66/ 65 | | | | | .3 | .2 | | | | | | | | | | | | | 5 | 5 | 115 | 129 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 71 | 113 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 21 | 92 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 11 | 86 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 | 65 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 32 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 10 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 1.6 | 2.2 | 6.1 | 24.7 | 36.5 | 21.9 | 5.8 | .6 | .1 | | | | | | | | | | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4369449 | 68073 | 63.0 | 8.544 | 1080 | | | | | | | |
| Dry Bulb | 6073087 | 86023 | 79.7 | 4.440 | 1080 | | | 89.6 | 83.1 | 52.3 | | 90 |
| Wet Bulb | 5382237 | 76109 | 70.5 | 4.167 | 1080 | | | 71.8 | 33.8 | .3 | | 90 |
| Dew Point | 4718311 | 71163 | 65.9 | 5.208 | 1080 | | | 45.7 | 7.7 | | | 90 |

FORM AFL 64 0-26-5 (OL-1) USAF-ETAC REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 — STATION
TAI-NAN FURMOSA/NEU-CHEU-TZE — STATION NAME
54-65 — YEARS
NOV — MONTH
PAGE 1
1500-1700 — HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90/ 89 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | .3 | | .7 | | | | | | | | | | | 11 | 11 | | |
| 86/ 85 | | | | | .6 | 2.4 | 1.0 | .2 | .1 | | | | | | | | | 47 | 47 | | |
| 84/ 83 | | | .1 | .7 | 3.8 | 3.1 | 1.9 | .8 | .2 | | | | | | | | | 114 | 114 | | |
| 82/ 81 | | | | 3.1 | 5.9 | 4.5 | 1.8 | .4 | | | | | | | | | | 169 | 169 | 1 | |
| 80/ 79 | | | .8 | 3.9 | 7.0 | 4.2 | 1.7 | .7 | .1 | | | | | | | | | 199 | 199 | 4 | 1 |
| 78/ 77 | | .2 | .5 | 3.3 | 4.5 | 2.7 | 1.8 | .4 | | | | | | | | | | 144 | 144 | 22 | 2 |
| 76/ 75 | | .5 | .6 | 3.1 | 3.0 | 3.6 | 2.2 | .2 | | | | | | | | | | 142 | 142 | 141 | 15 |
| 74/ 73 | | .6 | .5 | 3.1 | 2.7 | 2.9 | .5 | .1 | | | | | | | | | | 112 | 112 | 194 | 88 |
| 72/ 71 | .3 | .4 | .4 | 1.3 | 2.3 | .8 | .1 | | | | | | | | | | | 59 | 59 | 186 | 165 |
| 70/ 69 | | .1 | .9 | 1.3 | 1.2 | .3 | | | | | | | | | | | | 41 | 41 | 157 | 130 |
| 68/ 67 | | .1 | .6 | .5 | .7 | .1 | | | | | | | | | | | | 21 | 21 | 121 | 170 |
| 66/ 65 | | .2 | .2 | .6 | .1 | .1 | | | | | | | | | | | | 12 | 12 | 122 | 127 |
| 64/ 63 | | .3 | | .4 | | | | | | | | | | | | | | 7 | 7 | 80 | 91 |
| 62/ 61 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 32 | 92 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 16 | 90 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 4 | 69 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 27 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 10 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 2 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 2.4 | 6.4 | 21.2 | 32.2 | 24.6 | 11.7 | 2.8 | .4 | | | | | | | | | | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | 1080 | | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum | 4979879 | 72689 | 67.3 | 9.009 | 1080 | | | | | | | |
| Dry Bulb | 6576706 | 84124 | 77.9 | 4.723 | 1080 | | | 88.3 | 78.3 | 38.8 | | 90 |
| Wet Bulb | 5314233 | 75615 | 70.0 | 4.320 | 1080 | | | 68.8 | 30.2 | .2 | | 90 |
| Dew Point | 4745277 | 71365 | 66.1 | 5.235 | 1080 | | | 47.6 | 8.8 | .1 | | 90 |

USAF-ETAC FORM NO. 0-26-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) NOV (MONTH)

PAGE 1 1800-2000 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82/ 81 | | | | | .3 | | | | | | | | | | | | | 3 | 3 | | |
| 80/ 79 | | | .6 | 2.5 | .7 | | | | | | | | | | | | | 41 | 41 | | |
| 78/ 77 | | .6 | 3.4 | 4.6 | .6 | .1 | .3 | | | | | | | | | | | 104 | 104 | 1 | |
| 76/ 75 | | 1.7 | 7.4 | 4.3 | 1.3 | .2 | | | | | | | | | | | | 165 | 165 | 23 | 2 |
| 74/ 73 | | 2.9 | 8.1 | 4.7 | .9 | .2 | | | | | | | | | | | | 182 | 182 | 110 | 40 |
| 72/ 71 | | 1.9 | 6.6 | 3.6 | 1.2 | | | | | | | | | | | | | 143 | 143 | 179 | 119 |
| 70/ 69 | | 1.9 | 6.4 | 3.5 | 1.9 | .2 | | | | | | | | | | | | 150 | 150 | 164 | 163 |
| 68/ 67 | | 1.0 | 6.1 | 3.9 | 1.0 | .1 | | | | | | | | | | | | 131 | 131 | 153 | 149 |
| 66/ 65 | | .7 | 3.2 | 2.3 | .2 | | | | | | | | | | | | | 70 | 70 | 130 | 136 |
| 64/ 63 | | .5 | 1.9 | 1.6 | .5 | | | | | | | | | | | | | 48 | 48 | 120 | 110 |
| 62/ 61 | | .2 | .9 | 1.2 | | | | | | | | | | | | | | 25 | 25 | 84 | 106 |
| 60/ 59 | | | .6 | .4 | | | | | | | | | | | | | | 11 | 11 | 61 | 94 |
| 58/ 57 | | | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 27 | 68 |
| 56/ 55 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 20 | 47 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 7 | 20 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 17 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 9 |
| TOTAL | | 11.2 | 46.7 | 32.7 | 8.7 | .7 | .3 | | | | | | | | | | | | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6900849 | 85985 | 79.6 | 7.145 | 1080 | | | | | | | |
| Dry Bulb | 5531556 | 77124 | 71.4 | 4.721 | 1080 | | | 76.6 | 41.3 | 2.3 | | 90 |
| Wet Bulb | 4082834 | 72432 | 67.1 | 4.819 | 1080 | | | 52.5 | 11.2 | | | 90 |
| Dew Point | 4557959 | 69913 | 64.7 | 5.462 | 1080 | | | 39.4 | 3.5 | | | 90 |

USAF ETAC FORM JUL 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | NOV MONTH

PAGE 1 | 2100-2300 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥31 | TOTAL D.B /W.B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80/ 79 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | | |
| 78/ 77 | | | .7 | .2 | | | | | | | | | | | | | | 10 | 10 | | |
| 76/ 75 | | 2.2 | 2.2 | .6 | | | | | | | | | | | | | | 55 | 55 | 1 | |
| 74/ 73 | | 7.8 | 4.7 | .3 | | | | | | | | | | | | | | 138 | 138 | 50 | 27 |
| 72/ 71 | .2 | 9.4 | 5.0 | .5 | .1 | | | | | | | | | | | | | 163 | 163 | 133 | 90 |
| 70/ 69 | .3 | 8.0 | 5.4 | 1.8 | | | | | | | | | | | | | | 166 | 166 | 156 | 154 |
| 68/ 67 | .1 | 6.5 | 5.8 | .6 | .1 | | | | | | | | | | | | | 142 | 142 | 149 | 138 |
| 66/ 65 | .3 | 6.4 | 6.2 | 1.9 | | | | | | | | | | | | | | 159 | 159 | 136 | 120 |
| 64/ 63 | | 3.6 | 4.3 | 1.6 | .1 | | | | | | | | | | | | | 103 | 103 | 132 | 131 |
| 62/ 61 | | 1.6 | 4.3 | 1.0 | | .1 | | | | | | | | | | | | 75 | 75 | 121 | 103 |
| 60/ 59 | | .7 | 2.2 | .6 | | .1 | | | | | | | | | | | | 40 | 40 | 78 | 106 |
| 58/ 57 | | .1 | 1.2 | .3 | | | | | | | | | | | | | | 17 | 17 | 66 | 66 |
| 56/ 55 | | | .6 | | | | | | | | | | | | | | | 7 | 7 | 34 | 71 |
| 54/ 53 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 12 | 32 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 11 | 21 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 1 | 10 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 7 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .8 | 46.3 | 43.0 | 9.4 | .3 | .2 | | | | | | | | | | | | 1080 | 1080 | | 1080 |
| | | | | | | | | | | | | | | | | | | 1080 | | 1080 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | < 67 F | > 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum | 8039115 | 92905 | 86.0 | 6.609 | 1080 | | | | | | | |
| Dry Bulb | 5019728 | 73460 | 68.0 | 4.626 | 1080 | | | 36.3 | 17.1 | | | 90 |
| Wet Bulb | 4628250 | 70486 | 65.3 | 5.094 | 1080 | | | 40.8 | 4.3 | | | 90 |
| Dew Point | 4414943 | 68769 | 63.7 | 5.782 | 1080 | | | 34.1 | 2.3 | | | 90 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | NOV MONTH

PAGE 1 | ALL HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | | | .0 | .0 | | | | | | | | | | | 6 | 6 | | |
| 88/ 87 | | | | | .1 | .0 | .2 | .1 | | | | | | | | | | | 36 | 36 | | |
| 86/ 85 | | | | .0 | .3 | .9 | .5 | .1 | .0 | | | | | | | | | | 162 | 162 | | |
| 84/ 83 | | | .0 | .1 | 1.2 | 1.7 | .9 | .3 | .0 | .( | | | | | | | | | 357 | 357 | | |
| 82/ 81 | | | .0 | .6 | 1.9 | 1.7 | .7 | .2 | .0 | | | | | | | | | | 440 | 440 | 1 | |
| 80/ 79 | | | .3 | 1.4 | 2.1 | 1.7 | .7 | .2 | .0 | | | | | | | | | | 555 | 555 | 9 | 1 |
| 78/ 77 | | .1 | .9 | 1.6 | 1.7 | 1.0 | .8 | .1 | .0 | | | | | | | | | | 534 | 534 | 65 | 6 |
| 76/ 75 | | .9 | 1.7 | 1.7 | 1.3 | 1.2 | .6 | .1 | | | | | | | | | | | 657 | 657 | 378 | 31 |
| 74/ 73 | .1 | 3.0 | 2.4 | 1.7 | .9 | 1.0 | .2 | .1 | | | | | | | | | | | 809 | 809 | 777 | 322 |
| 72, 71 | .1 | 4.5 | 2.5 | 1.1 | 1.0 | 2 | .0 | | | | | | | | | | | | 876 | 876 | 1080 | 827 |
| 70/ 69 | .9 | 4.7 | 3.0 | 1.3 | .9 | .2 | .0 | | | | | | | | | | | | 949 | 949 | 1176 | 1102 |
| 68/ 67 | .8 | 4.7 | 2.8 | 1.1 | .4 | .0 | | | | | | | | | | | | | 847 | 847 | 1170 | 1149 |
| 66/ 65 | .6 | 5.0 | 2.2 | 1.2 | .2 | .0 | | | | | | | | | | | | | 797 | 797 | 1033 | 1055 |
| 64/ 63 | .2 | 2.7 | 1.9 | .8 | .1 | | | | | | | | | | | | | | 494 | 494 | 951 | 951 |
| 62/ 61 | .4 | 2.7 | 2.1 | .4 | .0 | .0 | | | | | | | | | | | | | 481 | 481 | 638 | 845 |
| 60/ 59 | .2 | 1.9 | 1.0 | .3 | .0 | .0 | | | | | | | | | | | | | 303 | 303 | 570 | 751 |
| 58/ 57 | .0 | 1.1 | .7 | .2 | | | | | | | | | | | | | | | 176 | 176 | 359 | 633 |
| 56/ 55 | .0 | .9 | .3 | .0 | | | | | | | | | | | | | | | 107 | 107 | 228 | 469 |
| 54/ 53 | | .3 | .1 | .0 | | | | | | | | | | | | | | | 35 | 35 | 124 | 248 |
| 52/ 51 | | .1 | .0 | | | | | | | | | | | | | | | | 11 | 11 | 58 | 142 |
| 50/ 49 | | .1 | .0 | | | | | | | | | | | | | | | | 6 | 6 | 12 | 62 |
| 48/ 47 | | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 11 | 34 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 9 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 4,03 | ,722,0 | 13,6 | 12,0 | 9,7 | 4,7 | 1,1 | ,1 | ,0 | | | | | | | | | | | 8640 | | 8640 |
| | | | | | | | | | | | | | | | | | | | 8640 | | 8640 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 56515509 | 689901 | 79,8 | 12,853 | 8640 | | | | | | | |
| Dry Bulb | 44042955 | 613675 | 71,0 | 7,260 | 8640 | | | 519,0 | 296,3 | 112,9 | | 720 |
| Wet Bulb | 38497053 | 574721 | 66,5 | 5,563 | 8640 | | | 388,0 | 102,5 | ,5 | | 720 |
| Dew Point | 35819387 | 554103 | 64,1 | 5,728 | 8640 | | | 286,5 | 30,0 | ,1 | | 720 |

USAF ETAC FORM 0-26.5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FURMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | DEC MONTH

PAGE 1 | 0000-0200 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 1 | |
| 70/ 69 | .2 | 1.7 | .4 | | | | | | | | | | | | | | | 26 | 26 | 10 | 7 |
| 68/ 67 | .4 | 3.9 | .7 | .1 | | | | | | | | | | | | | | 57 | 57 | 25 | 19 |
| 66/ 65 | .8 | 8.1 | 1.0 | .2 | .1 | | | | | | | | | | | | | 113 | 113 | 68 | 45 |
| 64/ 63 | 1.5 | 10.1 | 2.7 | .1 | .1 | | | | | | | | | | | | | 162 | 162 | 137 | 119 |
| 62/ 61 | 1.5 | 15.2 | 2.7 | .3 | | | | | | | | | | | | | | 220 | 220 | 166 | 138 |
| 60/ 59 | 1.5 | 13.3 | 2.8 | .4 | .1 | .1 | | | | | | | | | | | | 202 | 202 | 216 | 181 |
| 58/ 57 | .9 | 7.7 | 3.8 | .2 | .1 | | | | | | | | | | | | | 141 | 141 | 171 | 183 |
| 56/ 55 | .3 | 3.9 | 2.5 | .6 | | | | | | | | | | | | | | 81 | 81 | 116 | 145 |
| 54/ 53 | .2 | 2.7 | 2.6 | .4 | .1 | | | | | | | | | | | | | 66 | 66 | 72 | 70 |
| 52/ 51 | | .5 | 1.3 | .4 | | | | | | | | | | | | | | 26 | 26 | 54 | 71 |
| 50/ 49 | | .4 | .8 | .1 | | | | | | | | | | | | | | 14 | 14 | 40 | 4 |
| 48/ 47 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 29 | 29 |
| 46/ 45 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 6 | 29 |
| 44/ 43 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 2 | 14 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 9 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 3 | 5 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 7.3 | 67.7 | 21.5 | 3.0 | .4 | .1 | | | | | | | | | | | | 1116 | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum. | 8932562 | 99536 | 89.2 | 7.020 | 1116 | | | | | | | |
| Dry Bulb | 4110185 | 67553 | 60.5 | 4.351 | 1116 | | | 7.2 | | | | 93 |
| Wet Bulb | 3862151 | 65427 | 58.6 | 4.866 | 1116 | | | 3.0 | | | | 93 |
| Dew Point | 3699283 | 63943 | 57.3 | 5.648 | 1116 | | | 2.2 | | | | 93 |

USAF ETAC FORM NO. 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | DEC MONTH

 0300-0500 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D B /W B | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 73 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | |
| 72/ 71 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 1 | |
| 70/ 69 | .1 | .6 | .3 | | | | | | | | | | | | | | | 11 | 11 | 4 | 4 |
| 68/ 67 | 1.1 | 3.0 | .4 | | | | | | | | | | | | | | | 49 | 49 | 25 | 18 |
| 66/ 65 | .5 | 6.2 | .3 | .1 | | | | | | | | | | | | | | 79 | 79 | 51 | 40 |
| 64/ 63 | 1.9 | 8.8 | 1.2 | .1 | .1 | | | | | | | | | | | | | 134 | 134 | 111 | 93 |
| 62/ 61 | 3.0 | 11.9 | 2.4 | .1 | | | | | | | | | | | | | | 194 | 194 | 136 | 132 |
| 60/ 59 | 2.5 | 12.5 | 1.7 | .4 | | | | | | | | | | | | | | 191 | 191 | 186 | 152 |
| 58/ 57 | 2.1 | 11.1 | 1.7 | .3 | | | | | | | | | | | | | | 169 | 169 | 196 | 174 |
| 56/ 53 | 1.1 | 8.0 | 1.8 | .4 | | | | | | | | | | | | | | 126 | 126 | 157 | 170 |
| 54/ 53 | .4 | 3.3 | 1.9 | .5 | | | | | | | | | | | | | | 68 | 68 | 78 | 101 |
| 52/ 51 | | 3.0 | 1.6 | .6 | | | | | | | | | | | | | | 59 | 59 | 61 | 70 |
| 50/ 49 | .1 | .9 | 1.0 | .1 | | | | | | | | | | | | | | 23 | 23 | 57 | 57 |
| 48/ 47 | | .4 | .2 | | | | | | | | | | | | | | | 6 | 6 | 25 | 41 |
| 46/ 45 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 22 | 26 |
| 44/ 43 | | | | .3 | | | | | | | | | | | | | | 3 | 3 | 3 | 19 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 9 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 2 | 7 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 12.0 | 70.0 | 14.4 | 2.9 | .1 | | | | | | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (K) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum | 9232178 | 101226 | 90.7 | 6.733 | 1116 | | | | | | | |
| Dry Bulb | 3954537 | 66235 | 59.4 | 4.588 | 1116 | | | 5.3 | .1 | | | 93 |
| Wet Bulb | 3749531 | 64443 | 57.7 | 5.037 | 1116 | | | 2.5 | | | | 93 |
| Dew Point | 3613557 | 63183 | 56.6 | 5.715 | 1116 | | .2 | 1.8 | | | | 93 |

USAF-ETAC FORM 0-26.5 (OL1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) DEC (MONTH)

PAGE 1 0600-0800 (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B /W B | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | | |
| 70/ 69 | .1 | .9 | .5 | .1 | | | | | | | | | | | | | | 18 | 18 | 4 | 2 |
| 68/ 67 | .7 | 2.6 | 1.0 | | | | | | | | | | | | | | | 48 | 48 | 22 | 19 |
| 66/ 65 | .9 | 5.7 | .7 | | | | | | | | | | | | | | | 82 | 82 | 52 | 31 |
| 64/ 63 | .8 | 8.3 | 2.1 | .1 | | .1 | | | | | | | | | | | | 126 | 126 | 99 | 76 |
| 62/ 61 | 2.2 | 9.3 | 3.2 | | .2 | .1 | | | | | | | | | | | | 167 | 167 | 145 | 136 |
| 60/ 59 | 3.0 | 11.8 | 3.4 | .4 | .1 | | | | | | | | | | | | | 208 | 208 | 167 | 143 |
| 58/ 57 | 3.0 | 9.0 | 2.2 | .4 | | | | | | | | | | | | | | 162 | 162 | 201 | 166 |
| 56/ 55 | 1.3 | 8.0 | 2.2 | .4 | .1 | | | | | | | | | | | | | 133 | 133 | 151 | 187 |
| 54/ 53 | .7 | 3.6 | 2.6 | .5 | | | | | | | | | | | | | | 83 | 83 | 100 | 113 |
| 52/ 51 | | 2.6 | 1.2 | .5 | | | | | | | | | | | | | | 48 | 48 | 65 | 68 |
| 50/ 49 | | 1.4 | .7 | | | | | | | | | | | | | | | 24 | 24 | 60 | 60 |
| 48/ 47 | | .6 | .1 | | | | | | | | | | | | | | | 8 | 8 | 26 | 52 |
| 46/ 45 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 18 | 25 |
| 44/ 43 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | 2 | 20 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 6 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 3 | 7 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 12.6 | 64.1 | 20.3 | 2.4 | .4 | .2 | | | | | | | | | | | | 1115 | | 1115 | |
| | | | | | | | | | | | | | | | | | | 1115 | | 1115 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum. | 9073587 | 100295 | 89.9 | 7.340 | 1116 | | | | | | | |
| Dry Bulb | 3950063 | 66163 | 59.3 | 4.643 | 1115 | | | 5.7 | | | | 93 |
| Wet Bulb | 3722915 | 64189 | 57.6 | 4.981 | 1115 | | | 2.2 | | | | 93 |
| Dew Point | 3570232 | 62780 | 56.3 | 5.638 | 1115 | | .1 | 1.8 | | | | 93 |

USAF ETAC FORM AWS 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | DEC MONTH

 0900-1100 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL DB/WB | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | | .1 | .1 | .2 | .3 | | | | | | | | | | 7 | 7 | | |
| 80/ 79 | | | | .1 | .4 | .4 | .2 | | .1 | | | | | | | | | 13 | 13 | | |
| 78/ 77 | | | | .2 | 1.2 | .8 | .3 | .1 | | | | | | | | | | 28 | 28 | 2 | |
| 76/ 75 | | | .4 | 1.2 | 2.6 | 1.6 | .2 | | .1 | | | | | | | | | 67 | 67 | 2 | 1 |
| 74/ 73 | | | .4 | 2.6 | 2.5 | 2.0 | .9 | .2 | .1 | | | | | | | | | 97 | 97 | 9 | 3 |
| 72/ 71 | | .4 | 1.3 | 4.3 | 4.2 | 1.5 | .5 | | | | | | | | | | | 136 | 136 | 17 | 3 |
| 70/ 69 | | .8 | 2.9 | 4.9 | 3.7 | 1.3 | | | | | | | | | | | | 152 | 152 | 51 | 15 |
| 68/ 67 | .1 | 1.1 | 4.8 | 4.1 | 2.9 | .7 | | | | | | | | | | | | 153 | 153 | 106 | 31 |
| 66/ 65 | .1 | 3.3 | 3.3 | 5.8 | 1.8 | .8 | | | | | | | | | | | | 169 | 169 | 172 | 76 |
| 64/ 63 | | 2.2 | 2.9 | 3.0 | .5 | .3 | .1 | | | | | | | | | | | 100 | 100 | 205 | 135 |
| 62/ 61 | .2 | 1.1 | 3.6 | 2.1 | .6 | | | | | | | | | | | | | 84 | 84 | 176 | 179 |
| 60/ 59 | .3 | 1.4 | 1.6 | 1.6 | .4 | | | | | | | | | | | | | 59 | 59 | 158 | 149 |
| 58/ 57 | .1 | .4 | .4 | 1.1 | .2 | | | | | | | | | | | | | 24 | 24 | 103 | 166 |
| 56/ 55 | | | .6 | .5 | .1 | .1 | | | | | | | | | | | | 15 | 15 | 65 | 145 |
| 54/ 53 | | .1 | .4 | .2 | | | | | | | | | | | | | | 7 | 7 | 21 | 83 |
| 52/ 51 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 19 | 56 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 9 | 25 |
| 48/ 47 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 4 | 24 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 13 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .7 | 10.8 | 22.6 | 31.8 | 21.2 | 9.7 | 2.3 | .5 | .3 | | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6089229 | 81611 | 73.1 | 10.425 | 1116 | | | | | | | |
| Dry Bulb | 5159130 | 75636 | 67.8 | 5.437 | 1116 | | | 54.7 | 17.9 | 1.3 | | 93 |
| Wet Bulb | 4337164 | 69384 | 62.2 | 4.583 | 1116 | | | 15.3 | .8 | | | 93 |
| Dew Point | 3874785 | 65497 | 58.7 | 5.258 | 1116 | | | 4.4 | .3 | | | 93 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FURMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | DEC MONTH

PAGE 1 | 1200-1400 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88/ 87 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | .1 | .2 | .3 | | | | | | | | | | | 6 | 6 | | |
| 84/ 83 | | | | .1 | .1 | .8 | .5 | .4 | .5 | | | | | | | | | 20 | 28 | | |
| 82/ 81 | | | | | .4 | 1.9 | 1.3 | 1.1 | | | | | | | | | | 51 | 51 | | |
| 80/ 79 | | | | .4 | 2.3 | 4.7 | 3.3 | 1.1 | .3 | | | | | | | | | 134 | 134 | | |
| 78/ 77 | | | .1 | .8 | 3.8 | 5.4 | 2.5 | 1.2 | .4 | | | | | | | | | 158 | 158 | 3 | |
| 76/ 75 | | | .1 | 1.3 | 5.7 | 7.4 | 3.9 | .7 | .1 | | | | | | | | | 219 | 219 | 9 | |
| 74/ 73 | | | .3 | 1.7 | 4.2 | 6.1 | 2.4 | .5 | | | | | | | | | | 170 | 170 | 29 | 5 |
| 72/ 71 | | | .3 | 2.0 | 5.2 | 3.0 | 1.1 | .2 | .2 | | | | | | | | | 132 | 132 | 85 | 10 |
| 70/ 69 | | | .5 | 1.9 | 2.8 | 2.2 | .6 | | | | | | | | | | | 90 | 90 | 140 | 32 |
| 68/ 67 | | .2 | .5 | .8 | 2.1 | .9 | .5 | | | | | | | | | | | 56 | 56 | 215 | 76 |
| 66/ 65 | | .4 | 1.0 | .2 | .8 | .3 | | | | | | | | | | | | 30 | 30 | 216 | 95 |
| 64/ 63 | | .3 | .2 | .6 | .4 | .2 | | | | | | | | | | | | 19 | 19 | 171 | 179 |
| 62/ 61 | | .2 | .4 | .7 | .3 | | | | | | | | | | | | | 17 | 17 | 126 | 171 |
| 60/ 59 | .1 | .1 | .1 | .2 | .1 | | | | | | | | | | | | | 6 | 6 | 70 | 173 |
| 58/ 57 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 31 | 126 |
| 56/ 55 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 20 | 117 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 8 | 59 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 39 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 20 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 12 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 1.2 | 3.6 | 10.0 | 28.2 | 33.1 | 16.4 | 5.2 | 1.4 | | | | | | | | | | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4394529 | 69323 | 62.1 | 8.902 | 1116 | | | | | | | |
| Dry Bulb | 6188950 | 82926 | 74.3 | 4.922 | 1116 | | | 86.8 | 63.6 | 13.8 | | 93 |
| Wet Bulb | 4803871 | 73075 | 65.5 | 4.124 | 1116 | | | 39.4 | 2.6 | | | 93 |
| Dew Point | 4094101 | 67367 | 60.4 | 4.967 | 1116 | | | 10.3 | .4 | | | 93 |

FORM AWS 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | DEC MONTH

PAGE 1 | 1500-1700 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D B/W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | .1 | .1 | .1 | | | | | | | | | | | 3 | 3 | | |
| 84/ 83 | | | .1 | | .1 | .4 | .1 | .2 | | | | | | | | | | | 10 | 10 | | |
| 82/ 81 | | | | | .6 | 1.1 | .4 | .4 | | | | | | | | | | | 29 | 29 | | |
| 80/ 79 | | | | .4 | 2.0 | 2.4 | 1.4 | .4 | .1 | | | | | | | | | | 76 | 76 | 1 | |
| 78/ 77 | | | .3 | 1.5 | 3.4 | 3.4 | 2.2 | .1 | .1 | | | | | | | | | | 122 | 122 | | 1 |
| 76/ 75 | | | .3 | 3.9 | 5.5 | 4.9 | 1.8 | .2 | | | | | | | | | | | 185 | 185 | 6 | |
| 74/ 73 | | | .6 | 5.2 | 6.0 | 3.8 | 1.9 | .3 | | | | | | | | | | | 198 | 198 | 37 | 2 |
| 72/ 71 | | | 1.2 | 4.4 | 5.0 | 2.5 | .7 | .2 | | | | | | | | | | | 156 | 156 | 56 | 15 |
| 70/ 69 | | .1 | 1.6 | 4.6 | 4.3 | 1.4 | .3 | .1 | | | | | | | | | | | 140 | 140 | 136 | 43 |
| 68/ 67 | | .4 | 1.6 | 2.0 | 2.0 | 1.0 | .3 | | | | | | | | | | | | 82 | 82 | 231 | 74 |
| 66/ 65 | | .4 | .7 | 1.7 | .5 | .4 | .2 | | | | | | | | | | | | 44 | 44 | 210 | 123 |
| 64/ 63 | | .4 | .7 | .4 | .7 | .2 | | | | | | | | | | | | | 27 | 27 | 168 | 184 |
| 62/ 61 | | .4 | .4 | .6 | .6 | | | | | | | | | | | | | | 25 | 25 | 121 | 206 |
| 60/ 59 | | .3 | | .3 | | | | | | | | | | | | | | | 9 | 9 | 70 | 139 |
| 58/ 57 | | | .3 | .1 | .2 | | | | | | | | | | | | | | 6 | 6 | 34 | 125 |
| 56/ 55 | | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 30 | 86 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 10 | 43 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 3 | 28 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 11 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | | 1.8 | 8.4 | 25.7 | 30.9 | 21.7 | 9.3 | 2.0 | .2 | | | | | | | | | | 1116 | 1116 | | 1116 |
| | | | | | | | | | | | | | | | | | | | 1116 | | 1116 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5081488 | 74602 | 66.8 | 9.207 | 1116 | | | | | | | |
| Dry Bulb | 5928357 | 81149 | 72.7 | 4.962 | 1116 | | | 83.4 | 51.9 | 6.9 | | 93 |
| Wet Bulb | 4769766 | 72800 | 65.2 | 4.320 | 1116 | | | 38.9 | 3.7 | .1 | | 93 |
| Dew Point | 4167579 | 67959 | 60.9 | 5.118 | 1116 | | | 11.3 | .3 | | | 93 |

FORM 0-26-5 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | DEC MONTH

 1800-2000 HOURS (L S T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | > 31 | | | | | Dry Bulb | Wet Bulb | Dew Point |
| 78/ 77 | | | .1 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | | |
| 76/ 75 | | | 1.0 | .4 | .4 | | | | | | | | | | | | | | | | 19 | 19 | | |
| 74/ 73 | | .2 | 1.3 | 1.2 | .4 | .1 | | | | | | | | | | | | | | | 35 | 35 | 2 | |
| 72/ 71 | | .4 | 2.2 | 3.0 | .6 | .1 | | | | | | | | | | | | | | | 72 | 72 | 13 | 7 |
| 70/ 69 | | 1.7 | 5.0 | 4.3 | 1.0 | .4 | | | | | | | | | | | | | | | 171 | 171 | 32 | 11 |
| 68/ 67 | | 2.6 | 10.1 | 4.4 | .7 | .2 | .1 | | | | | | | | | | | | | | 202 | 202 | 82 | 43 |
| 66/ 65 | | 3.9 | 9.1 | 4.3 | 1.0 | .1 | | | | | | | | | | | | | | | 227 | 227 | 172 | 77 |
| 64/ 63 | | 4.0 | 4.9 | 3.5 | .4 | | | | | | | | | | | | | | | | 144 | 144 | 244 | 160 |
| 62/ 61 | .1 | 1.3 | 4.2 | 3.0 | .3 | | | | | | | | | | | | | | | | 99 | 99 | 185 | 217 |
| 60/ 59 | .1 | 1.3 | 3.0 | 1.8 | .4 | | | | | | | | | | | | | | | | 72 | 72 | 137 | 173 |
| 58/ 57 | .1 | .1 | 1.6 | 1.6 | | | | | | | | | | | | | | | | | 38 | 38 | 99 | 125 |
| 56/ 55 | | | .5 | 1.0 | | | | | | | | | | | | | | | | | 17 | 17 | 69 | 101 |
| 54/ 53 | | | .6 | .2 | .1 | | | | | | | | | | | | | | | | 12 | 12 | 35 | 75 |
| 52/ 51 | | .1 | .1 | .2 | | | | | | | | | | | | | | | | | 4 | 4 | 25 | 50 |
| 50/ 49 | | | | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 15 | 25 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | 3 | 27 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | 1 | 16 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | 1 | 4 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 17.6 | 47.0 | 28.9 | 5.4 | .8 | .1 | | | | | | | | | | | | | | 1116 | 1116 | 1116 | 1116 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7146490 | 88888 | 79.6 | 7.733 | 1116 | | | | | | | |
| Dry Bulb | 4832415 | 75273 | 65.7 | 4.396 | 1116 | | | 41.8 | 4.7 | | | 93 |
| Wet Bulb | 4268058 | 68830 | 61.7 | 4.534 | 1116 | | | 10.8 | .2 | | | 93 |
| Dew Point | 3936104 | 66010 | 59.1 | 5.332 | 1116 | | | 5.1 | | | | 93 |

USAF ETAC FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-69 YEARS | DEC MONTH

PAGE 1 | 2100-2300 HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (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 | ≥ 31 | TOTAL D B /W B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76/ 75 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | |
| 74/ 73 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | | |
| 72/ 71 | | .4 | .7 | | | | | | | | | | | | | | | 13 | 13 | 4 | |
| 70/ 69 | .1 | 1.7 | 2.3 | .2 | | | | | | | | | | | | | | 48 | 48 | 11 | 10 |
| 68/ 67 | | 4.7 | 3.3 | .3 | .1 | | | | | | | | | | | | | 94 | 94 | 36 | 20 |
| 66/ 65 | .4 | 10.7 | 4.0 | .6 | .2 | | | | | | | | | | | | | 184 | 184 | 93 | 66 |
| 64/ 63 | .4 | 12.3 | 6.4 | .3 | .1 | | | | | | | | | | | | | 216 | 216 | 168 | 122 |
| 62/ 61 | .4 | 11.9 | 4.9 | 1.1 | | | | | | | | | | | | | | 204 | 204 | 205 | 185 |
| 60/ 59 | .4 | 6.1 | 4.8 | 1.4 | .2 | | | | | | | | | | | | | 145 | 145 | 210 | 174 |
| 58/ 57 | .2 | 4.3 | 3.1 | .4 | | | | | | | | | | | | | | 90 | 90 | 121 | 181 |
| 56/ 55 | | 1.6 | 3.0 | 1.0 | .2 | | | | | | | | | | | | | 64 | 64 | 113 | 106 |
| 54/ 53 | | .4 | 1.3 | .5 | | | | | | | | | | | | | | 25 | 25 | 53 | 81 |
| 52/ 51 | | .1 | 1.0 | .3 | | | | | | | | | | | | | | 22 | 22 | 42 | 63 |
| 50/ 49 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | 30 | 29 |
| 48/ 47 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 15 | 34 |
| 46/ 45 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 5 | 21 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 12 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 3 | 6 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.9 | 54.4 | 36.6 | 6.4 | .7 | | | | | | | | | | | | | 1116 | 1116 | 1116 | 1116 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum | 8333371 | 96123 | 86.1 | 6.96 | 1116 | | | | | | | |
| Dry Bulb | 4336926 | 69406 | 62.2 | 4.28 | 1116 | | | 13.3 | .4 | | | 93 |
| Wet Bulb | 3999884 | 66604 | 59.7 | 4.72 | 1116 | | | 4.4 | | | | 93 |
| Dew Point | 3767473 | 64721 | 58.0 | 5.52 | 1116 | | | 2.5 | | | | 93 |

FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | DEC MONTH

PAGE 1 | ALL HOURS (L S T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | D B /W B | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | .0 | .0 | .0 | .0 | | | | | | | | | | 10 | 10 | | |
| 84/ 83 | | | .0 | .0 | .0 | .2 | .1 | .1 | .1 | | | | | | | | | 40 | 40 | | |
| 82/ 81 | | | | | .1 | .4 | .2 | .2 | | | | | | | | | | 87 | 87 | | |
| 80/ 79 | | | | .1 | .6 | .9 | .6 | .2 | .1 | | | | | | | | | 223 | 223 | 1 | |
| 78/ 77 | | | .1 | .3 | 1.0 | 1.2 | .6 | .2 | .1 | | | | | | | | | 310 | 310 | 5 | 1 |
| 76/ 75 | | | .2 | .9 | 1.8 | 1.7 | .7 | .1 | .0 | | | | | | | | | 487 | 487 | 13 | 1 |
| 74/ 73 | | .1 | .4 | .3 | 1.6 | 1.5 | .6 | .1 | .0 | | | | | | | | | 505 | 505 | 69 | 10 |
| 72/ 71 | | .2 | .7 | 1.7 | 1.9 | .9 | .3 | .0 | .0 | | | | | | | | | 516 | 516 | 177 | 35 |
| 70/ 69 | .1 | .9 | 2.1 | 2.0 | 1.5 | .7 | .1 | .0 | | | | | | | | | | 656 | 656 | 388 | 124 |
| 68/ 67 | .3 | 2.3 | 2.8 | 1.5 | 1.0 | .3 | .1 | | | | | | | | | | | 741 | 741 | 744 | 300 |
| 66/ 65 | .3 | 5.1 | 2.6 | 1.6 | .5 | .2 | .0 | | | | | | | | | | | 928 | 928 | 1039 | 555 |
| 64/ 63 | .6 | 5.8 | 2.6 | 1.0 | .3 | .1 | .0 | | | | | | | | | | | 928 | 928 | 1303 | 1068 |
| 62/ 61 | .9 | 6.4 | 2.7 | 1.0 | .2 | .0 | | | | | | | | | | | | 1010 | 1010 | 1260 | 1364 |
| 60/ 59 | 1.0 | 5.8 | 2.2 | .8 | .1 | .0 | | | | | | | | | | | | 892 | 892 | 1214 | 1285 |
| 58/ 57 | .8 | 4.1 | 1.6 | .5 | .1 | | | | | | | | | | | | | 632 | 632 | 956 | 1246 |
| 56/ 55 | .3 | 2.7 | 1.4 | .5 | .0 | .0 | | | | | | | | | | | | 441 | 441 | 721 | 1057 |
| 54/ 53 | .2 | 1.3 | 1.2 | .3 | .0 | | | | | | | | | | | | | 261 | 261 | 377 | 625 |
| 52/ 51 | | .8 | .7 | .3 | | | | | | | | | | | | | | 160 | 160 | 272 | 445 |
| 50/ 49 | .0 | .3 | .3 | .0 | .0 | | | | | | | | | | | | | 66 | 66 | 212 | 294 |
| 48/ 47 | | .1 | .1 | .0 | | | | | | | | | | | | | | 18 | 18 | 102 | 230 |
| 46/ 45 | | .0 | .0 | .0 | | | | | | | | | | | | | | 7 | 7 | 52 | 138 |
| 44/ 43 | | | .0 | .1 | | | | | | | | | | | | | | 8 | 8 | 8 | 75 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 5 | 35 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 8 | 23 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 3 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 9 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 4.4 | 35.9 | 21.8 | 14.0 | 10.9 | 8.2 | 3.3 | 1.0 | .2 | | | | | | | | | | 8927 | | 8927 |
| | | | | | | | | | | | | | | | | | | 8927 | | 8927 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs |
|---|---|---|---|---|---|
| Rel. Hum. | 58283434 | 711604 | 79.7 | 13.241 | 8928 |
| Dry Bulb | 38460563 | 582341 | 65.2 | 7.274 | 8927 |
| Wet Bulb | 33513340 | 544752 | 61.0 | 5.510 | 8927 |
| Dew Point | 30743114 | 521460 | 58.4 | 5.027 | 8927 |

Mean No of Hours with Temperature

| Element | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 298.0 | 138.6 | 22.1 | | 744 |
| Wet Bulb | | | 116.4 | 7.3 | .1 | | 744 |
| Dew Point | | .3 | 39.3 | 1.0 | | | 744 |

USAF ETAC FORM NO. 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS) ALL (MONTH)

 ALL (HOURS (L S T))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | | | | | |
| 100/ 99 | | | | | | | | | .0 | | | | | | | | | | | 2 | 2 | | |
| 96/ 95 | | | | | | | .0 | .0 | .0 | | | | | | | | | | | 9 | 9 | | |
| 94/ 93 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | | 109 | 109 | | |
| 92/ 91 | | | | .0 | .1 | .4 | .3 | .1 | .0 | .0 | .0 | | | | | | | | | 908 | 908 | | |
| 90/ 89 | | | .0 | .1 | 1.0 | .8 | .6 | .1 | .0 | .0 | .0 | | | | | | | | | 3820 | 3820 | | |
| 88/ 87 | .0 | | .0 | .7 | 2.5 | 1.5 | .5 | .1 | .0 | .0 | | | | | | | | | | 5619 | 5619 | 2 | 2 |
| 86/ 85 | | .0 | .3 | 2.2 | 1.9 | 1.1 | .4 | .1 | .0 | .0 | | | | | | | | | | 6214 | 6214 | 12 | |
| 84/ 83 | .0 | .1 | 1.5 | 1.9 | 1.4 | .8 | .4 | .1 | .0 | .0 | | | | | | | | | | 6249 | 6249 | 485 | 24 |
| 82/ 81 | .0 | 1.0 | 2.0 | 1.3 | .8 | .7 | .3 | .1 | .0 | .0 | | | | | | | | | | 6574 | 6574 | 3727 | 373 |
| 80/ 79 | .1 | 3.9 | 2.4 | 1.1 | .8 | .6 | .3 | .1 | .0 | .0 | | | | | | | | | | 9739 | 9739 | 11381 | 3878 |
| 78/ 77 | .4 | 5.5 | 1.9 | .8 | .8 | .5 | .3 | .1 | .0 | .0 | .0 | | | | | | | | | 10780 | 10780 | 13807 | 13025 |
| 76/ 75 | .6 | 4.4 | 1.3 | .9 | .7 | .6 | .2 | .1 | .0 | .0 | | .0 | | | | | | | | 9145 | 9145 | 13082 | 14909 |
| 74/ 73 | .3 | 2.2 | 1.3 | .9 | .6 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | | | | | | | | 6335 | 6335 | 8983 | 11631 |
| 72/ 71 | .2 | 1.6 | 1.1 | .7 | .6 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | | | | | | | | 4901 | 4904 | 6228 | 7178 |
| 70/ 69 | .2 | 1.6 | 1.3 | .8 | .5 | .2 | .1 | .0 | .0 | .0 | .0 | | | | | | | | | 5067 | 5068 | 5931 | 6022 |
| 68/ 67 | .1 | 1.6 | 1.4 | .6 | .4 | .1 | .0 | .0 | .0 | .0 | | | | | | | | | | 4545 | 4546 | 5746 | 5542 |
| 66/ 65 | .2 | 2.0 | 1.1 | .6 | .3 | .1 | .0 | .0 | .0 | .0 | | | | | | | | | | 4507 | 4510 | 5571 | 5229 |
| 64/ 63 | .1 | 1.9 | 1.0 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | | 3867 | 3871 | 5784 | 5474 |
| 62/ 61 | .2 | 2.0 | 1.0 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | | 3871 | 3871 | 5062 | 5857 |
| 60/ 59 | .3 | 2.0 | .9 | .3 | .1 | .0 | .0 | .0 | .0 | | | | | | | | | | | 3743 | 3743 | 4916 | 5409 |
| 58/ 57 | .2 | 1.5 | .8 | .2 | .1 | .0 | .0 | .0 | | | | | | | | | | | | 2909 | 2909 | 4106 | 5060 |
| 56/ 55 | .2 | 1.3 | .6 | .2 | .0 | .0 | .0 | | | | | | | | | | | | | 2431 | 2431 | 3307 | 4464 |
| 54/ 53 | .1 | .7 | .4 | .1 | .0 | .0 | .0 | | | | | | | | | | | | | 1424 | 1424 | 2325 | 3074 |
| 52/ 51 | .0 | .4 | .3 | .1 | .0 | .0 | .0 | | | | | | | | | | | | | 934 | 935 | 1619 | 2403 |
| 50/ 49 | .0 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | | | | | | | | 655 | 656 | 1160 | 1737 |
| 48/ 47 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | | | | | | | | | 366 | 367 | 760 | 1211 |
| 46/ 45 | .0 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | | | | | | 231 | 238 | 502 | 790 |
| 44/ 43 | .0 | .1 | .0 | .0 | .0 | | | | | | | | | | | | | | | 112 | 112 | 307 | 575 |
| 42/ 41 | | .0 | .0 | .0 | | | | | | | | | | | | | | | | 25 | 25 | 189 | 426 |
| 40/ 39 | | .0 | .0 | .0 | | | | | | | | | | | | | | | | 20 | 20 | 83 | 317 |
| 38/ 37 | | .0 | .0 | | | | | | | | | | | | | | | | | 4 | 4 | 48 | 190 |
| 36/ 35 | | | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 10 | 103 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 4 | 83 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | 45 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

| Mean No of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAF ETAC FORM 0-26-5 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

46743 STATION | TAI-NAN FURMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS | ALL MONTH



ALL HOURS (L S T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D B /W B | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | 30 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 11 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | 18 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 12 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 8 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 3.2 | 34.2 | 21.1 | 14.6 | 12.5 | 9.3 | 3.8 | 1.0 | .2 | .0 | .0 | .0 | .0 | | | | | | 105117 | 105139 | 105117 | 105116 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 701113981 | 8484147 | 80.7 | 12.502 | 105130 | | | | | | | |
| Dry Bulb | 587694352 | 7789438 | 74.1 | 10.040 | 105139 | | | 6669.7 | 5460.4 | 2940.6 | 9.9 | 8760 |
| Wet Bulb | 518158379 | 7320243 | 69.6 | 8.931 | 105117 | | | 5784.4 | 4292.1 | 815.5 | | 8760 |
| Dew Point | 487312349 | 7088119 | 67.4 | 9.432 | 105116 | | 10.9 | 5217.9 | 3655.8 | 141.3 | | 8760 |

USAF-ETAC FORM NO. 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

46743 — STATION
TAI-NAN FORMOSA/NEU-CHEU-TZE — STATION NAME
54-65 — YEARS

| HRS. (L.S.T.) | | JAN | FEB | MAR | APR | MAY | JUN | JUL. | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 56.7 | 58.5 | 63.6 | 70.6 | 76.0 | 78.1 | 78.9 | 78.5 | 77.4 | 71.5 | 66.3 | 60.5 | 69.8 |
| | S D | 6.282 | 5.791 | 5.501 | 4.765 | 2.916 | 2.221 | 2.047 | 2.078 | 2.388 | 4.195 | 4.755 | 4.351 | 9.003 |
| | TOTAL OBS | 1116 | 1017 | 1113 | 1079 | 1116 | 1080 | 1116 | 1113 | 1080 | 1115 | 1080 | 1116 | 13141 |
| 03-0 | MEAN | 55.5 | 57.5 | 62.5 | 69.2 | 74.7 | 77.0 | 77.8 | 77.5 | 76.3 | 70.1 | 65.0 | 59.4 | 68.6 |
| | S D | 6.385 | 5.703 | 5.338 | 4.596 | 2.667 | 2.045 | 1.838 | 1.900 | 2.329 | 4.409 | 4.943 | 4.588 | 9.003 |
| | TOTAL OBS | 1116 | 1017 | 1113 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13143 |
| 06-08 | MEAN | 55.3 | 57.4 | 62.8 | 70.6 | 77.0 | 79.2 | 80.0 | 79.1 | 77.7 | 71.4 | 65.5 | 59.3 | 69.7 |
| | S D | 6.317 | 5.730 | 5.619 | 5.261 | 3.839 | 3.265 | 3.043 | 2.817 | 2.874 | 4.658 | 5.104 | 4.643 | 9.933 |
| | TOTAL OBS | 1116 | 1017 | 1113 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1115 | 13142 |
| 09-11 | MEAN | 63.0 | 65.2 | 71.1 | 78.5 | 83.9 | 84.8 | 85.8 | 85.0 | 84.3 | 80.5 | 74.5 | 67.8 | 77.1 |
| | S D | 6.848 | 7.184 | 7.309 | 5.796 | 3.895 | 3.871 | 3.404 | 3.443 | 2.941 | 4.094 | 5.510 | 5.437 | 9.590 |
| | TOTAL OBS | 1116 | 1017 | 1113 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13143 |
| 12-14 | MEAN | 69.9 | 72.0 | 76.6 | 82.0 | 86.5 | 86.9 | 87.8 | 87.3 | 87.0 | 84.6 | 79.7 | 74.3 | 81.2 |
| | S D | 6.562 | 6.652 | 6.693 | 5.367 | 3.692 | 4.085 | 3.801 | 3.895 | 3.018 | 2.937 | 4.440 | 4.922 | 7.902 |
| | TOTAL OBS | 1116 | 1017 | 1113 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13143 |
| 15-17 | MEAN | 69.1 | 71.3 | 75.5 | 80.9 | 85.4 | 86.0 | 86.8 | 86.4 | 86.1 | 83.3 | 77.9 | 72.7 | 80.1 |
| | S D | 6.532 | 6.369 | 6.261 | 5.210 | 3.722 | 4.088 | 3.987 | 4.159 | 3.412 | 3.481 | 4.723 | 4.982 | 7.933 |
| | TOTAL OBS | 1116 | 1017 | 1113 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13143 |
| 18-20 | MEAN | 62.0 | 64.4 | 69.3 | 76.0 | 81.1 | 82.2 | 82.9 | 82.3 | 81.4 | 76.9 | 71.4 | 65.7 | 74.7 |
| | S D | 6.198 | 6.322 | 6.048 | 4.949 | 3.531 | 3.523 | 3.555 | 3.543 | 2.975 | 3.810 | 4.721 | 4.396 | 8.719 |
| | TOTAL OBS | 1116 | 1017 | 1113 | 1080 | 1116 | 1080 | 1115 | 1112 | 1080 | 1116 | 1080 | 1116 | 13141 |
| 21-23 | MEAN | 58.4 | 60.5 | 65.8 | 72.7 | 78.1 | 79.6 | 80.4 | 79.9 | 78.7 | 73.2 | 68.0 | 62.2 | 71.5 |
| | S D | 6.033 | 5.945 | 5.670 | 4.832 | 3.139 | 2.684 | 2.595 | 2.646 | 2.568 | 3.934 | 4.626 | 4.282 | 8.933 |
| | TOTAL OBS | 1116 | 1017 | 1113 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13143 |
| ALL HOURS | MEAN | 61.2 | 63.4 | 68.4 | 75.1 | 80.3 | 81.7 | 82.5 | 82.0 | 81.1 | 76.4 | 71.0 | 65.2 | 74.1 |
| | S D | 8.401 | 8.314 | 8.052 | 6.922 | 5.456 | 4.857 | 4.759 | 4.770 | 4.850 | 6.676 | 7.260 | 7.274 | 10.040 |
| | TOTAL OBS | 8928 | 8136 | 8904 | 8639 | 8928 | 8640 | 8927 | 8903 | 8640 | 8927 | 8640 | 8927 | 105139 |



DATA PROCESSING FORMS 04472

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 YEARS

| HRS. (L.S.T.) | | JAN | FEB | MAR | APR. | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 54.6 | 56.5 | 61.3 | 68.1 | 73.5 | 76.2 | 76.9 | 76.8 | 75.6 | 69.5 | 64.3 | 58.6 | 67.7 |
| | S D | 6,931 | 6,125 | 5,660 | 4,872 | 2,868 | 2,046 | 1,751 | 1,835 | 2,494 | 4,639 | 5,203 | 4,866 | 9,157 |
| | TOTAL OBS | 1114 | 1017 | 1112 | 1079 | 1116 | 1080 | 1116 | 1113 | 1080 | 1115 | 1080 | 1116 | 13138 |
| 03-05 | MEAN | 53.7 | 55.8 | 60.5 | 67.3 | 72.8 | 75.5 | 76.1 | 76.1 | 75.0 | 68.6 | 63.4 | 57.7 | 66.9 |
| | S D | 7,022 | 6,084 | 5,634 | 4,808 | 2,714 | 1,940 | 1,655 | 1,812 | 2,455 | 4,685 | 5,299 | 5,037 | 9,213 |
| | TOTAL OBS | 1113 | 1017 | 1113 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13140 |
| 06-08 | MEAN | 53.4 | 55.7 | 60.7 | 67.9 | 73.7 | 76.3 | 77.0 | 76.7 | 75.5 | 69.2 | 63.6 | 57.6 | 67.3 |
| | S D | 6,977 | 6,024 | 5,694 | 4,905 | 2,864 | 2,201 | 1,913 | 1,934 | 2,576 | 4,605 | 5,293 | 4,981 | 9,560 |
| | TOTAL OBS | 1112 | 1017 | 1113 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1115 | 13138 |
| 09-11 | MEAN | 57.7 | 59.9 | 65.0 | 71.5 | 76.3 | 78.6 | 79.3 | 79.1 | 78.2 | 73.6 | 68.1 | 62.2 | 70.8 |
| | S D | 6,525 | 6,009 | 5,934 | 4,532 | 2,616 | 2,275 | 1,634 | 1,734 | 2,116 | 3,791 | 4,838 | 4,583 | 8,727 |
| | TOTAL OBS | 1116 | 1017 | 1112 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13142 |
| 12-14 | MEAN | 61.6 | 63.7 | 67.9 | 73.2 | 77.4 | 79.4 | 80.1 | 79.9 | 79.1 | 75.2 | 70.5 | 65.5 | 72.8 |
| | S.D | 6,060 | 5,485 | 5,503 | 4,124 | 2,569 | 2,267 | 1,771 | 1,817 | 2,142 | 3,280 | 4,167 | 4,124 | 7,574 |
| | TOTAL OBS | 1116 | 1017 | 1112 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13142 |
| 15-17 | MEAN | 61.6 | 63.7 | 67.7 | 73.0 | 77.2 | 79.2 | 79.9 | 79.6 | 78.8 | 74.7 | 70.0 | 65.2 | 72.6 |
| | S D | 6,105 | 5,525 | 5,286 | 4,112 | 2,595 | 2,305 | 1,922 | 1,984 | 2,258 | 3,581 | 4,320 | 4,320 | 7,531 |
| | TOTAL OBS | 1116 | 1017 | 1111 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13141 |
| 18-20 | MEAN | 58.0 | 60.2 | 64.8 | 71.0 | 75.6 | 77.8 | 78.4 | 78.1 | 77.1 | 72.1 | 67.1 | 61.7 | 70.2 |
| | S D | 6,482 | 6,021 | 5,630 | 4,473 | 2,835 | 2,198 | 1,975 | 2,030 | 2,425 | 3,950 | 4,819 | 4,534 | 8,374 |
| | TOTAL OBS | 1115 | 1017 | 1110 | 1080 | 1116 | 1080 | 1115 | 1112 | 1080 | 1116 | 1080 | 1116 | 13137 |
| 21-23 | MEAN | 55.8 | 57.9 | 62.7 | 69.5 | 74.4 | 76.9 | 77.5 | 77.3 | 76.2 | 70.3 | 65.3 | 59.7 | 68.7 |
| | S D | 6,698 | 6,084 | 5,730 | 4,794 | 2,946 | 2,128 | 1,870 | 1,952 | 2,523 | 4,372 | 5,094 | 4,725 | 8,916 |
| | TOTAL OBS | 1115 | 1017 | 1110 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13139 |
| ALL HOURS | MEAN | 57.1 | 59.2 | 63.8 | 70.2 | 75.1 | 77.5 | 78.2 | 78.0 | 77.0 | 71.7 | 66.5 | 61.0 | 69.6 |
| | S D | 7,285 | 6,669 | 6,286 | 5,068 | 3,206 | 2,587 | 2,299 | 2,327 | 2,813 | 4,807 | 5,563 | 5,510 | 8,931 |
| | TOTAL OBS | 8917 | 8136 | 8893 | 8639 | 8928 | 8640 | 8927 | 8903 | 8640 | 8927 | 8640 | 8927 | 105117 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS)

| HRS (L S T) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 52,8 | 55,0 | 59,8 | 66,9 | 72,4 | 75,4 | 76,0 | 76,1 | 74,9 | 68,5 | 63,1 | 57,3 | 66,6 |
| | S D | 8,118 | 7,016 | 6,194 | 5,266 | 3,157 | 2,120 | 1,795 | 1,895 | 2,727 | 5,032 | 5,803 | 5,648 | 9,693 |
| | TOTAL OBS | 1114 | 1017 | 1112 | 1079 | 1116 | 1080 | 1116 | 1113 | 1080 | 1115 | 1080 | 1116 | 13138 |
| 03-05 | MEAN | 52,1 | 54,5 | 59,2 | 66,3 | 71,9 | 74,8 | 75,4 | 75,5 | 74,5 | 67,9 | 62,4 | 56,6 | 66,0 |
| | S D | 8,354 | 6,878 | 6,213 | 5,219 | 2,954 | 2,002 | 1,757 | 1,881 | 2,654 | 5,008 | 5,773 | 5,715 | 9,738 |
| | TOTAL OBS | 1113 | 1017 | 1113 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13140 |
| 06-08 | MEAN | 51,7 | 54,3 | 59,2 | 66,5 | 72,3 | 75,2 | 75,8 | 75,7 | 74,7 | 68,2 | 62,4 | 56,3 | 66,1 |
| | S D | 8,306 | 6,834 | 6,279 | 5,182 | 2,918 | 2,173 | 1,866 | 1,918 | 2,770 | 4,870 | 5,761 | 5,638 | 9,933 |
| | TOTAL OBS | 1111 | 1017 | 1113 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1115 | 13137 |
| 09-11 | MEAN | 53,6 | 56,4 | 61,4 | 68,2 | 73,2 | 76,3 | 77,0 | 76,9 | 75,9 | 70,5 | 64,8 | 58,7 | 67,8 |
| | S D | 8,016 | 6,758 | 6,341 | 4,842 | 3,066 | 2,487 | 1,679 | 1,844 | 2,623 | 4,482 | 5,471 | 5,258 | 9,475 |
| | TOTAL OBS | 1116 | 1017 | 1112 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13142 |
| 12-14 | MEAN | 56,0 | 58,5 | 63,1 | 69,3 | 73,8 | 76,7 | 77,4 | 77,3 | 76,2 | 71,2 | 65,9 | 60,4 | 68,9 |
| | S D | 7,763 | 6,568 | 6,263 | 4,530 | 3,184 | 2,573 | 1,853 | 1,989 | 2,814 | 4,331 | 5,208 | 4,967 | 8,841 |
| | TOTAL OBS | 1115 | 1017 | 1112 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13142 |
| 15-17 | MEAN | 56,7 | 59,1 | 63,4 | 69,4 | 73,9 | 76,7 | 77,4 | 77,2 | 76,1 | 71,0 | 66,1 | 60,9 | 69,0 |
| | S D | 7,607 | 6,574 | 6,087 | 4,558 | 3,127 | 2,494 | 1,901 | 2,034 | 2,844 | 4,516 | 5,235 | 5,118 | 8,636 |
| | TOTAL OBS | 1116 | 1017 | 1111 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13141 |
| 18-20 | MEAN | 55,0 | 57,4 | 62,1 | 68,6 | 73,3 | 76,1 | 76,7 | 76,5 | 75,5 | 69,9 | 64,7 | 59,1 | 68,0 |
| | S D | 7,659 | 6,910 | 6,172 | 4,843 | 3,344 | 2,261 | 1,898 | 2,038 | 2,845 | 4,537 | 5,462 | 5,332 | 9,049 |
| | TOTAL OBS | 1115 | 1017 | 1110 | 1080 | 1116 | 1080 | 1115 | 1112 | 1080 | 1116 | 1080 | 1116 | 13137 |
| 21-23 | MEAN | 53,6 | 56,0 | 60,8 | 67,8 | 72,9 | 75,8 | 76,4 | 76,3 | 75,2 | 68,8 | 63,7 | 58,0 | 67,2 |
| | S D | 7,861 | 6,952 | 6,258 | 5,170 | 3,284 | 2,200 | 1,890 | 1,985 | 2,806 | 4,892 | 5,782 | 5,527 | 9,492 |
| | TOTAL OBS | 1115 | 1017 | 1110 | 1080 | 1116 | 1080 | 1116 | 1113 | 1080 | 1116 | 1080 | 1116 | 13139 |
| ALL HOURS | MEAN | 54,0 | 56,4 | 61,1 | 67,9 | 73,0 | 75,9 | 76,5 | 76,4 | 75,4 | 69,5 | 64,1 | 58,4 | 67,4 |
| | S D | 8,138 | 7,015 | 6,415 | 5,083 | 3,206 | 2,393 | 1,951 | 2,041 | 2,828 | 4,872 | 5,726 | 5,627 | 9,432 |
| | TOTAL OBS | 8916 | 8136 | 8893 | 8639 | 8928 | 8640 | 8927 | 8903 | 8640 | 8927 | 8640 | 8927 | 105116 |

USAF ETAC FORM JUL 64 0-89-5 (OL 1)

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) JAN (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-02 | 100.0 | 100.0 | 100.0 | 99.8 | 99.3 | 95.2 | 93.2 | 81.3 | 42.2 | 87.0 | 1116 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 99.4 | 96.7 | 97.8 | 94.2 | 85.8 | 49.8 | 88.4 | 1116 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.5 | 99.2 | 98.1 | 93.8 | 81.5 | 48.2 | 87.9 | 1116 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 98.6 | 95.4 | 82.3 | 60.2 | 29.8 | 8.3 | 72.9 | 1116 |
| | 12-14 | 100.0 | 99.9 | 99.2 | 95.6 | 84.5 | 54.7 | 21.3 | 6.2 | 1.9 | 62.1 | 1116 |
| | 15-17 | 100.0 | 100.0 | 99.6 | 97.5 | 90.2 | 68.8 | 30.4 | 7.8 | 2.0 | 65.3 | 1116 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 95.0 | 80.0 | 43.5 | 5.5 | 77.9 | 1116 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 98.3 | 91.7 | 71.6 | 23.0 | 84.0 | 1116 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.8 | 98.8 | 95.8 | 86.7 | 70.6 | 50.9 | 22.6 | 78.2 | 8928 |

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

46743 TAI-NAN FORMOSA/NEU-CHEU-TZE 54-65 FEB

STATION | STATION NAME | PERIOD | MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | 100.0 | 100.0 | 99.9 | 99.5 | 99.3 | 98.7 | 97.4 | 89.7 | 42.9 | 88.4 | 1017 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 98.5 | 97.1 | 92.8 | 52.4 | 89.8 | 1017 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 98.9 | 98.8 | 97.1 | 91.0 | 52.5 | 89.5 | 1017 |
| | 09-11 | 100.0 | 100.0 | 99.6 | 98.9 | 97.1 | 87.7 | 62.1 | 29.9 | 7.3 | 74.0 | 1017 |
| | 12-14 | 100.0 | 99.7 | 99.2 | 97.8 | 90.9 | 57.7 | 21.7 | 5.6 | 1.7 | 63.1 | 1017 |
| | 15-17 | 100.0 | 99.7 | 99.7 | 98.3 | 93.2 | 71.2 | 32.3 | 6.4 | 1.6 | 66.0 | 1017 |
| | 18-20 | 100.0 | 99.8 | 99.6 | 99.2 | 98.8 | 96.5 | 83.5 | 43.5 | 5.4 | 78.3 | 1017 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 99.4 | 99.2 | 99.1 | 96.2 | 76.7 | 25.7 | 85.3 | 1017 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 99.7 | 99.1 | 97.1 | 88.5 | 73.4 | 54.5 | 23.7 | 79.3 | 8136 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

46742 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 PERIOD | MAR MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.1 | 85.7 | 36.2 | 87.4 | 1112 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 97.8 | 90.4 | 50.8 | 89.3 | 1112 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.2 | 97.2 | 86.7 | 44.0 | 88.3 | 1113 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.2 | 97.7 | 85.8 | 55.3 | 20.1 | 5.1 | 72.2 | 1112 |
| | 12-14 | 100.0 | 100.0 | 99.8 | 99.0 | 91.5 | 62.0 | 22.0 | 6.6 | 1.9 | 63.7 | 1112 |
| | 15-17 | 100.0 | 100.0 | 99.8 | 99.3 | 94.4 | 72.3 | 32.9 | 8.4 | 2.1 | 66.7 | 1111 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.9 | 99.4 | 96.1 | 80.9 | 37.3 | 4.9 | 77.5 | 1110 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 99.6 | 95.3 | 71.6 | 16.5 | 84.0 | 1110 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.7 | 97.8 | 89.3 | 72.4 | 50.9 | 21.2 | 78.6 | 8892 |

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

46743 STATION | TAI-NAN FURMOSA/NEU-CHEU-TZE STATION NAME | 54-65 PERIOD | APR MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOU..LY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 91.7 | 38.3 | 88.4 | 1079 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.7 | 99.7 | 95.6 | 56.5 | 90.6 | 1080 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 96.9 | 80.8 | 39.4 | 87.2 | 1080 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 86.9 | 48.4 | 15.1 | 4.1 | 71.0 | 1080 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 97.6 | 73.1 | 23.4 | 7.7 | 2.7 | 65.9 | 1080 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.9 | 90.6 | 81.9 | 36.8 | 8.8 | 2.9 | 68.5 | 1080 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 81.7 | 36.5 | 5.6 | 77.5 | 1080 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.9 | 75.6 | 18.3 | 84.8 | 1080 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 92.4 | 73.0 | 51.5 | 21.0 | 79.3 | 8639 |

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-64 (PERIOD) MAY (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 92.2 | 44.5 | 88.7 | 1116 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.2 | 63.4 | 91.2 | 1116 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 95.5 | 74.6 | 34.1 | 85.6 | 1116 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 89.1 | 45.5 | 13.4 | 3.9 | 70.7 | 1116 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.7 | 97.9 | 75.4 | 24.3 | 7.9 | 3.0 | 66.5 | 1116 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 98.8 | 85.1 | 39.0 | 10.7 | 4.1 | 69.3 | 1116 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.2 | 78.5 | 36.1 | 8.2 | 77.5 | 1116 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 96.1 | 72.5 | 20.7 | 84.3 | 1116 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 93.3 | 72.2 | 50.6 | 22.7 | 79.2 | 8928 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 PERIOD | JN MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.0 | 70.9 | 91.6 | 1080 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 84.4 | 93.2 | 1080 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.1 | 83.3 | 46.6 | 88.0 | 1080 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.7 | 70.5 | 27.5 | 13.5 | 76.4 | 1080 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 92.5 | 50.9 | 18.9 | 9.4 | 72.6 | 1080 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.6 | 60.6 | 24.2 | 10.9 | 74.6 | 1080 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 91.3 | 55.2 | 20.6 | 82.2 | 1080 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 89.6 | 44.1 | 88.4 | 1080 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.2 | 83.9 | 62.1 | 37.5 | 83.4 | 8640 |

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) JUL (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.1 | 68.8 | 91.3 | 1116 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 80.3 | 92.6 | 1116 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.9 | 82.4 | 42.1 | 87.6 | 1116 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 98.6 | 68.9 | 20.3 | 9.0 | 75.3 | 1116 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 95.4 | 45.6 | 14.9 | 8.2 | 72.0 | 1116 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.7 | 57.3 | 20.8 | 10.4 | 74.3 | 1116 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 91.9 | 53.0 | 19.5 | 81.9 | 1116 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 88.4 | 38.2 | 88.0 | 1116 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.9 | 82.8 | 59.3 | 34.6 | 82.9 | 8928 |

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) AUG (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 76.1 | 92.4 | 1113 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 87.9 | 93.8 | 1113 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 89.5 | 55.4 | 89.8 | 1113 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 76.3 | 29.3 | 11.7 | 77.2 | 1113 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 92.9 | 49.7 | 17.2 | 10.3 | 72.8 | 1113 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.5 | 58.2 | 25.0 | 13.5 | 74.8 | 1113 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 92.9 | 58.8 | 26.6 | 83.2 | 1112 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 91.2 | 46.2 | 89.1 | 1113 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.5 | 84.6 | 63.7 | 41.0 | 84.1 | 8903 |

DATA PROCESSING DIVISION
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# RELATIVE HUMIDITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME | 54-65 PERIOD | SEP MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.1 | 73.6 | 92.3 | 1080 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 88.5 | 94.1 | 1080 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 94.4 | 61.6 | 90.8 | 1080 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.4 | 75.6 | 26.4 | 6.6 | 76.3 | 1080 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 89.5 | 45.1 | 12.0 | 4.4 | 70.9 | 1080 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 91.2 | 55.7 | 17.1 | 7.6 | 72.8 | 1080 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 92.7 | 62.2 | 17.9 | 82.6 | 1080 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 92.0 | 46.0 | 89.1 | 1080 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.2 | 83.5 | 62.7 | 38.3 | 83.6 | 8640 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

46743 STATION | TAI-NAN FORMOSA/NEU-CHEU-TZL STATION NAME | 54-65 PERIOD | OCT MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.8 | 94.8 | 57.6 | 90.3 | 1116 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.8 | 74.1 | 92.0 | 1116 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 89.7 | 53.0 | 89.9 | 1116 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 91.8 | 55.0 | 14.2 | 1.6 | 72.0 | 1116 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 96.1 | 69.9 | 18.9 | 2.6 | .4 | 64.5 | 1116 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 97.4 | 78.1 | 31.4 | 5.3 | .9 | 66.8 | 1116 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.9 | 99.9 | 99.1 | 88.0 | 42.7 | 5.0 | 79.1 | 1116 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.0 | 84.4 | 27.7 | 86.4 | 1116 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 92.3 | 73.9 | 53.9 | 27.5 | 80.2 | 8928 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) NOV (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.9 | 98.8 | 90.7 | 50.6 | 89.5 | 1080 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 94.0 | 63.5 | 91.4 | 1080 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 89.7 | 52.7 | 89.9 | 1080 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 90.6 | 53.4 | 18.5 | 3.3 | 72.3 | 1080 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.9 | 95.6 | 60.1 | 15.3 | 3.6 | 1.2 | 63.0 | 1080 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 97.9 | 77.3 | 34.9 | 5.9 | 1.0 | 67.3 | 1080 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.4 | 88.4 | 47.1 | 6.0 | 79.6 | 1080 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 97.6 | 72.9 | 28.1 | 86.0 | 1080 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 90.5 | 73.3 | 53.7 | 25.9 | 79.8 | 8640 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (PERIOD) DEC (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.7 | 89.7 | 48.3 | 89.2 | 1116 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.0 | 92.9 | 59.9 | 90.7 | 1116 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 97.7 | 90.9 | 52.4 | 89.9 | 1116 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.8 | 98.9 | 88.2 | 59.6 | 22.8 | 5.0 | 73.1 | 1116 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.6 | 91.9 | 56.7 | 14.3 | 2.9 | .9 | 62.1 | 1116 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.9 | 97.0 | 75.4 | 33.4 | 6.2 | .7 | 66.8 | 1116 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.8 | 86.6 | 48.1 | 5.8 | 79.6 | 1116 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.1 | 81.6 | 26.6 | 86.1 | 1116 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 98.5 | 89.7 | 73.1 | 54.4 | 25.0 | 79.7 | 8928 |

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

46743 (STATION) TAI-WAN FORMOSA/NEU-CHOU-TZE (STATION NAME) 54-65 (PERIOD) ALL (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 100.0 | 99.8 | 98.8 | 95.8 | 86.7 | 70.6 | 50.9 | 22.6 | 78.2 | 8928 |
| FEB | | 100.0 | 99.9 | 99.7 | 99.1 | 97.1 | 88.5 | 73.4 | 54.5 | 23.7 | 79.3 | 8130 |
| MAR | | 100.0 | 100.0 | 100.0 | 99.7 | 97.8 | 89.3 | 72.4 | 50.9 | 20.2 | 78.6 | 8892 |
| APR | | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 92.4 | 73.0 | 51.5 | 21.0 | 79.3 | 8639 |
| MAY | | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 93.3 | 72.2 | 50.6 | 22.7 | 79.2 | 8928 |
| JUN | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.2 | 83.9 | 62.1 | 37.5 | 83.4 | 8640 |
| JUL | | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.9 | 82.8 | 59.5 | 34.6 | 82.9 | 8928 |
| AUG | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.5 | 84.6 | 63.7 | 41.0 | 84.1 | 8903 |
| SEP | | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.2 | 83.5 | 62.7 | 38.3 | 83.6 | 8640 |
| OCT | | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 92.3 | 73.9 | 53.9 | 27.5 | 80.2 | 8928 |
| NOV | | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 90.9 | 73.3 | 53.7 | 25.9 | 79.8 | 8640 |
| DEC | | 100.0 | 100.0 | 100.0 | 99.9 | 98.8 | 89.7 | 73.1 | 54.4 | 25.0 | 79.7 | 8928 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.8 | 98.8 | 93.0 | 76.4 | 55.7 | 28.3 | 80.7 | 105130 |

DATA PROCESSING DIVISION
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# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

46743 (STATION) TAI-NAN FORMOSA/NEU-CHEU-TZE (STATION NAME) 54-65 (YEARS)

| HRS (L S T) | | JAN | FEB. | MAR | APR | MAY | JUN | JUL | AUG | SEP. | OCT | NOV. | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 02 | MEAN | 30,005 | 29,970 | 29,924 | 29,830 | 29,731 | 29,658 | 29,650 | 29,622 | 29,672 | 29,822 | 29,906 | 29,975 | 29,813 |
| | S. D | ,113 | ,112 | ,094 | ,088 | ,070 | ,072 | ,105 | ,139 | ,124 | ,092 | ,092 | ,081 | ,169 |
| | TOTAL OBS | 372 | 339 | 370 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 372 | 4380 |
| 05 | MEAN | 29,993 | 29,956 | 29,911 | 29,820 | 29,724 | 29,649 | 29,639 | 29,611 | 29,58 | 29,808 | 29,895 | 29,963 | 29,802 |
| | S D | ,110 | ,112 | ,094 | ,085 | ,068 | ,072 | ,108 | ,139 | ,7 | ,095 | ,091 | ,082 | ,169 |
| | TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 0 | 372 | 360 | 372 | 4381 |
| 08 | MEAN | 30,033 | 29,994 | 29,953 | 29,86 | 29,759 | 29,679 | 29,666 | 29,640 | 29,6 | 29,852 | 29,939 | 30,004 | 29,839 |
| | S D. | ,111 | ,110 | ,094 | ,089 | ,070 | ,073 | ,111 | ,133 | ,1 | ,091 | ,092 | ,080 | ,172 |
| | TOTAL OBS | 371 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 36 | 372 | 360 | 372 | 4380 |
| 11 | MEAN | 30,039 | 30,001 | 29,959 | 29,867 | 29,765 | 29,685 | 29,671 | 29,648 | 29,69 | 29,855 | 29,938 | 30,006 | 29,844 |
| | S D | ,111 | ,111 | ,097 | ,090 | ,070 | ,074 | ,111 | ,128 | ,130 | ,087 | ,093 | ,078 | ,171 |
| | TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 359 | 372 | 4380 |
| 14 | MEAN | 29,96 | 29,928 | 29,892 | 29,808 | 29,720 | 29,652 | 29,640 | 29,613 | 29,650 | 29,8 | 29,869 | 29,932 | 29,788 |
| | S D | ,110 | ,111 | ,094 | ,087 | ,068 | ,075 | ,109 | ,128 | ,128 | 5 | ,093 | ,080 | ,158 |
| | TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 360 | | 360 | 372 | 4381 |
| 17 | MEAN | 29,967 | 29,922 | 29,879 | 29,791 | 29,700 | 29,635 | 29,623 | 29,593 | 29,643 | 29, | 29,875 | 29,938 | 29,779 |
| | S D | ,111 | ,110 | ,095 | ,087 | ,070 | ,074 | ,109 | ,132 | ,124 | ,0 | ,093 | ,081 | ,164 |
| | TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 360 | 37 | 360 | 372 | 4381 |
| 20 | MEAN | 30,010 | 29,964 | 29,918 | 29,829 | 29,734 | 29,666 | 29,651 | 29,625 | 29,679 | 29,8 | 29,921 | 29,982 | 29,818 |
| | S. D. | ,114 | ,111 | ,095 | ,086 | ,071 | ,075 | ,111 | ,133 | ,123 | ,0 | ,093 | ,082 | ,169 |
| | TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 370 | 360 | 37 | 360 | 372 | 4380 |
| 23 | MEAN | 30,021 | 29,983 | 29,945 | 29,859 | 29,762 | 29,694 | 29,678 | 29,654 | 29,705 | 29,853 | | 29,993 | 29,839 |
| | S D. | ,113 | ,112 | ,095 | ,088 | ,071 | ,076 | ,110 | ,140 | ,124 | ,088 | | ,083 | ,165 |
| | TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | | 372 | 4381 |
| ALL HOURS | MEAN | 30,004 | 29,965 | 29,923 | 29,833 | 29,737 | 29,665 | 29,652 | 29,626 | 29,679 | 29,827 | 9,974 | | 29,815 |
| | S D. | ,114 | ,114 | ,098 | ,091 | ,073 | ,076 | ,110 | ,135 | ,128 | ,092 | ,085 | | ,169 |
| | TOTAL OBS | 2975 | 2712 | 2967 | 2880 | 2976 | 2880 | 2976 | 2967 | 2880 | 2976 | 2976 | | 35044 |

USAF ETAC FORM JUL 64 0-89-5 (OL I)

DATA PROCESSING DIVISION
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# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

46743 STATION — TAI-NAN FORMOSA/NEU-CHEU-TZE STATION NAME — 54-65 YEARS

| HRS. (L S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP | OCT | NOV. | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 02 | MEAN | 1018,7 | 1017,5 | 1015,9 | 1012,7 | 1009,3 | 1006,8 | 1006,6 | 1005,6 | 1007,3 | 1012,4 | 1015,3 | 1017,6 | 1012,1 |
| | S D | 3,786 | 3,655 | 3,189 | 2,906 | 2,355 | 2,487 | 3,610 | 4,730 | 4,148 | 3,133 | 3,076 | 2,741 | 5,747 |
| | TOTAL OBS | 372 | 339 | 370 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 359 | 372 | 4379 |
| 05 | MEAN | 1018,3 | 1017,0 | 1015,4 | 1012,3 | 1009,1 | 1006,5 | 1006,2 | 1005,2 | 1006,8 | 1011,9 | 1014,9 | 1017,2 | 1011,7 |
| | S D | 3,703 | 3,641 | 3,189 | 2,825 | 2,338 | 2,487 | 3,684 | 4,714 | 4,268 | 3,200 | 3,055 | 2,756 | 5,726 |
| | TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 372 | 4381 |
| 08 | MEAN | 1019,7 | 1018,3 | 1016,9 | 1013,8 | 1010,3 | 1007,6 | 1007,1 | 1006,2 | 1008,0 | 1013,4 | 1016,4 | 1018,6 | 1013,0 |
| | S D | 3,724 | 3,590 | 3,190 | 2,942 | 2,372 | 2,540 | 3,787 | 4,538 | 4,309 | 3,083 | 3,086 | 2,699 | 5,848 |
| | TOTAL OBS | 371 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 372 | 4380 |
| 11 | MEAN | 1019,9 | 1018,5 | 1017,1 | 1014,0 | 1010,5 | 1007,7 | 1007,3 | 1006,5 | 1008,2 | 1013,5 | 1016,3 | 1018,7 | 1013,2 |
| | S D | 3,726 | 3,623 | 3,268 | 2,964 | 2,354 | 2,576 | 3,798 | 4,381 | 4,369 | 2,911 | 3,108 | 2,635 | 5,819 |
| | TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 372 | 4381 |
| 14 | MEAN | 1017,3 | 1016,0 | 1014,8 | 1012,0 | 1009,0 | 1006,6 | 1006,2 | 1005,3 | 1006,6 | 1011,4 | 1014,0 | 1016,1 | 1011,3 |
| | S D. | 3,701 | 3,628 | 3,169 | 2,876 | 2,319 | 2,595 | 3,718 | 4,355 | 4,281 | 2,833 | 3,086 | 2,693 | 5,370 |
| | TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 372 | 4381 |
| 17 | MEAN | 1017,4 | 1015,8 | 1014,4 | 1011,4 | 1008,2 | 1006,1 | 1005,6 | 1004,7 | 1006,3 | 1011,4 | 1014,2 | 1016,4 | 1011,0 |
| | S D | 3,726 | 3,623 | 3,213 | 2,873 | 2,385 | 2,577 | 3,710 | 4,377 | 4,149 | 2,882 | 3,086 | 2,740 | 5,561 |
| | TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 360 | 371 | 360 | 372 | 4380 |
| 20 | MEAN | 1018,9 | 1017,3 | 1015,7 | 1012,7 | 1009,4 | 1007,1 | 1006,6 | 1005,7 | 1007,6 | 1013,0 | 1015,8 | 1017,9 | 1012,3 |
| | S D | 3,811 | 3,617 | 3,224 | 2,863 | 2,419 | 2,610 | 3,778 | 4,536 | 4,098 | 2,980 | 3,104 | 2,772 | 5,725 |
| | TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 370 | 360 | 372 | 360 | 372 | 4380 |
| 23 | MEAN | 1019,3 | 1017,9 | 1016,6 | 1013,7 | 1010,4 | 1008,0 | 1007,5 | 1006,7 | 1008,4 | 1013,5 | 1016,1 | 1018,2 | 1013,0 |
| | S. D. | 3,796 | 3,650 | 3,240 | 2,915 | 2,396 | 2,621 | 3,779 | 4,691 | 4,140 | 2,973 | 3,138 | 2,805 | 5,592 |
| | TOTAL OBS | 372 | 339 | 371 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 372 | 4381 |
| ALL HOURS | MEAN | 1018,7 | 1017,3 | 1015,8 | 1012,8 | 1009,5 | 1007,1 | 1006,6 | 1005,7 | 1007,4 | 1012,6 | 1015,4 | 1017,6 | 1012,2 |
| | S D. | 3,848 | 3,737 | 3,333 | 3,020 | 2,478 | 2,636 | 3,775 | 4,583 | 4,279 | 3,114 | 3,212 | 2,870 | 5,728 |
| | TOTAL OBS | 2975 | 2712 | 2967 | 2880 | 2976 | 2880 | 2976 | 2967 | 2880 | 2975 | 2879 | 2976 | 35043 |

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

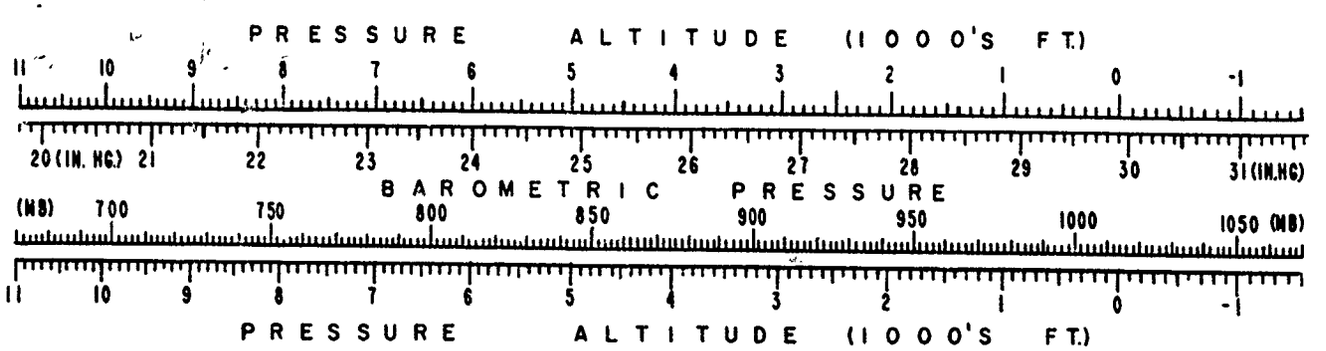
# PART F PRESSURE SUMMARY

Presented in this part are 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 GCT. 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, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

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




F