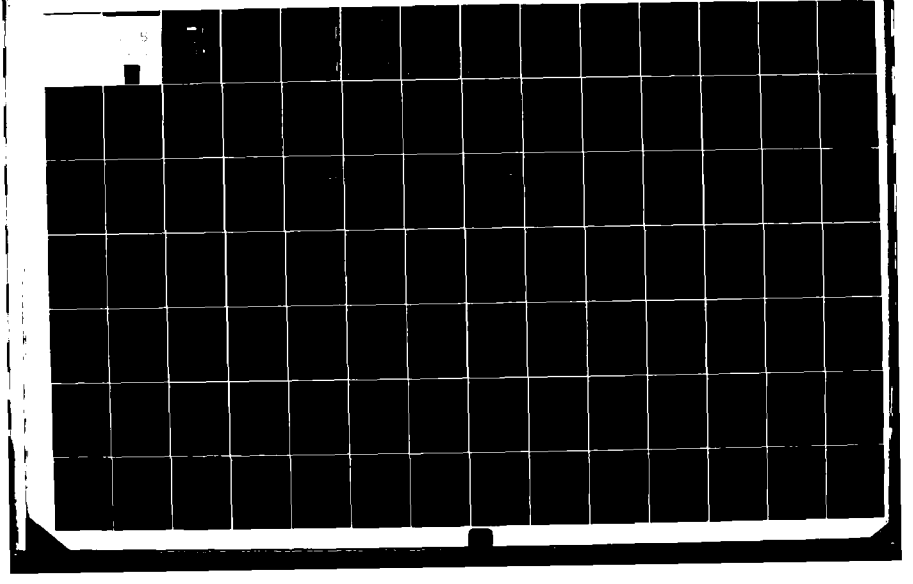
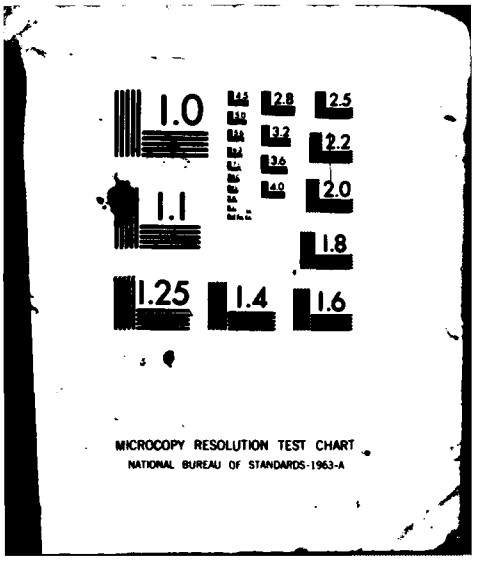
AD-A116 094 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(U)
APR 82

UNCLASSIFIED USAFETAC/DS-82/026 SBI-AD-E850 173 NL

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MICROCOPY RESOLUTION TEST CHART
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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

LAUGHLIN AFB TX MSC #722615
N 29 22 W 100 47 FLD ELEV 1082 FT ELF

PARTS A-F
POR FROM HOURLY OBS: SEP 69 - DEC 70; JAN 73 - AUG 81

POR FROM DAILY OBS: FEB 43 - SEP 45; JUN 53 - AUG 81

TIME CONVERSION GMT TO LST: -6

APR 15 1982

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Chief, Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

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ADE 850 123

## REPORT DOCUMENTATION PAGE

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|---|---|
| 1. REPORT NUMBER: USAFETAC/DS- 82/026 | 2. GOVT ACCESSION NO. |
| 3. RECIPIENT'S CATALOG NUMBER | |
| 4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Laughlin AFB, Texas | 5. TYPE OF REPORT & PERIOD COVERED: Final rept. |
| | 6. PERFORMING ORG. REPORT NUMBER |
| 7. AUTHOR(s) | 8. CONTRACT OR GRANT NUMBER(s) |
| 9. PERFORMING ORGANIZATION NAME AND ADDRESS: USAFETAC/OL-A, Air Force Environmental Technical Appl. Center, Scott AFB IL 62225 | 10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS |
| 11. CONTROLLING OFFICE NAME AND ADDRESS: USAFETAC/CBD, Air Weather Service (MAC), Scott AFB IL 62225 | 12. REPORT DATE: 15 APR 82 |
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

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

| | | |
|---|---|---|
| *RUSSWO | Daily temperatures | Atmospheric pressure |
| Snowfall | Extreme snow depth | Extreme surface winds |
| Climatology | Sea-level pressure | Psychrometeoric 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 statistical summary of surface weather observations for Laughlin AFB, Texas. 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) Psychrometeoric 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)

DD FORM 1 JAN 73 1473

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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

TEXAS Laughlin AFB, Texas

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.

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# 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
SNOW DEPTH

**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_____ |

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | FIELD ELEV (FT.) | CALL SIGN | WBAN NUMBER |
|---|---|---|---|---|---|---|
| 722615 | LAUGHLIN AFB TEXAS/DEL RIO | N 29 22 | W 100 47 | 1082 | DLF | 722615 |

# 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 | | | FIELD (FT) | BY BARO. | |
| 1. | Laughlin Field, Del Rio, Texas | AAF | Mar 43 | Sep 45 | N 29 21 | W 100 47 | 1060 | 1073 | 24 |
| 2. | Del Rio, Texas | WB | Aug 46 | Apr 51 | N 29 22 | W 100 54 | Same | 991 | 18 |
| 3. | Same | Same | May 51 | Jun 53 | Same | W 100 49 | Same | 1096 | 24 |
| 4. | Laughlin AFB, Del Rio, Texas | AFB | Jul 53 | Mar 56 | Same | W 100 47 | 1081 | 1093 | 24 |
| 5. | Same | Same | Apr 56 | Nov 63 | Same | Same | Same | 1072 | 24 |
| 6. | Same | Same | Dec 63 | Jun 71 | Same | Same | Same | Same | 12 to 20 |
| 7. | Same | Same | Jul 71 | Aug 75 | Same | Same | Same | 1125 | 15 to 21 |
| 8. | Same | Same | Aug 75 | Jul 81 | Same | Same | 1082 | 1072 | 24 |
| 9. | Same | Same | Jul 81 | Dec 81 | Same | Same | Same | 1073 | 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. | Mar 43 | Not Available | Anemometer | None | N/A | |
| 2. | Aug 46 | Located on Roof | Same | None | 71 ft | |
| 3. | Apr 51 | Same | Same | None | 29 ft | |
| 4. | Jul 53 | Located on Base Operations Bldg | AN/GMQ 1 | None | 40 ft | |
| 5. | Apr 57 | Located 10 ft SSE of instrument shelter | AN/GMQ 1 | None | 35 ft | |
| 6. | Oct 57 | Same | Same | ML-240 | Same | |
| 7. | Apr 58 | Dual Instrumented<br>1) Located 10 ft SSE of the instrument shelter | Same | Same | Same | |
| | | 2) Located between Rnwy 13R & 13L, approx. 300 ft from both sides of Rnwys. | Same | | 20 ft | |

| 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 | |
| 8. | Apr 59 | Located 2400 ft from end of Rnwy 31R and 500 ft from centerline of Rnwy 31R and 31L. | AN/GMQ 11 | RO-2 | 13 ft | |
| 9. | Apr 60 | Located midway between the parallel Rnwys, 3800 ft NW of the approach end of Rnwy 31L | Same | Same | Same | |
| 10. | Jul 71 | Same | AN/GMQ 20 | RO-362 | Same | |
| 11. | Aug 75 | Same | Same | Same | Same | |

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A

# 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.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. 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 (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

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 percentages of the observations with precip.

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.

Continued on Reverse

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

722615 | LAUGHLIN AFB TX | 70,73-81 | JAN
STATION | STATION NAME | YEARS | 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 | 10.1 | | .3 | | 10.3 | 13.2 | .2 | | .5 | 13.7 | 562 |
| | 03-05 | | 12.4 | | .3 | | 12.4 | 16.6 | | | .3 | 16.9 | 620 |
| | 06-08 | | 14.1 | .2 | .1 | | 14.4 | 22.3 | .7 | | .2 | 23.1 | 878 |
| | 09-11 | | 12.1 | .1 | .7 | | 12.7 | 20.6 | .4 | | .4 | 21.5 | 967 |
| | 12-14 | | 7.0 | | .5 | | 7.0 | 9.6 | .6 | | .1 | 10.1 | 924 |
| | 15-17 | | 5.0 | | .3 | | 5.0 | 5.1 | .7 | | .2 | 5.9 | 921 |
| | 18-20 | | 6.6 | | .4 | .1 | 6.9 | 5.9 | .6 | | .4 | 6.9 | 907 |
| | 21-23 | | 8.1 | .3 | .4 | | 8.8 | 9.9 | .4 | | .4 | 10.3 | 754 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 9.4 | .1 | .4 | .0 | 9.7 | 12.9 | .5 | | .3 | 13.6 | 6433 |

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# WEATHER CONDITIONS

722515 STATION | LAUGHLIN AFB TX STATION NAME | 70,73-81 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 | | 9.1 | | | | 9.1 | 8.9 | | | .2 | 9.1 | 607 |
| | 03-05 | | 9.9 | | | | 9.9 | 12.5 | .2 | | .3 | 13.0 | 609 |
| | 06-08 | | 12.3 | | .1 | | 12.3 | 20.4 | | | .4 | 20.7 | 810 |
| | 09-11 | | 11.0 | | .5 | | 11.1 | 18.0 | .5 | | .1 | 18.3 | 835 |
| | 12-14 | | 6.9 | | .4 | | 7.2 | 7.4 | .2 | | | 7.6 | 843 |
| | 15-17 | | 6.2 | | .5 | | 6.6 | 4.9 | .2 | .1 | .4 | 5.6 | 839 |
| | 18-20 | | 6.9 | | .4 | | 7.3 | 6.1 | | | .4 | 6.5 | 752 |
| | 21-23 | .1 | 6.7 | | .4 | | 7.1 | 6.7 | | | .5 | 7.3 | 728 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 8.6 | | .3 | | 8.8 | 10.6 | .1 | .0 | .3 | 11.0 | 6023 |

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# WEATHER CONDITIONS

722615 | LAUGHLIN AFB TX | 70,73-81 | MAR
STATION | STATION NAME | YEARS | 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 | | 6.3 | | | | 6.3 | 4.9 | | | 1.1 | 6.0 | 713 |
| | 03-05 | .1 | 8.3 | | | | 8.3 | 10.1 | | | 1.1 | 11.2 | 724 |
| | 06-08 | | 9.7 | | | | 9.7 | 16.3 | .8 | | 1.6 | 18.7 | 900 |
| | 09-11 | | 7.9 | | | | 7.9 | 10.8 | 1.4 | | 1.0 | 13.2 | 925 |
| | 12-14 | .2 | 4.0 | | | | 4.0 | 3.1 | .6 | | .5 | 4.3 | 930 |
| | 15-17 | .8 | 2.7 | | | | 2.7 | 1.6 | .1 | | .5 | 2.3 | 926 |
| | 18-20 | .7 | 2.8 | | | | 2.8 | 2.1 | | | 1.3 | 3.4 | 843 |
| | 21-23 | .4 | 3.2 | | | | 3.2 | 2.2 | | | 1.3 | 3.5 | 837 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 5.6 | | | | 5.6 | 6.4 | .4 | | 1.1 | 7.8 | 6798 |

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# WEATHER CONDITIONS

72615 | LAUGHLIN AFB TX | 70,73-81 | APR
STATION | STATION NAME | YEARS | 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 | 3.2 | 7.9 | | | | 7.9 | 2.9 | .1 | | .4 | 3.5 | 683 |
| | 03-05 | 1.6 | 8.2 | | | | 8.2 | 7.3 | | | .1 | 7.5 | 696 |
| | 06-08 | .3 | 8.2 | | | | 8.2 | 19.3 | 2.2 | | .2 | 21.1 | 870 |
| | 09-11 | .1 | 7.6 | | | | 7.6 | 11.2 | 3.1 | | | 13.7 | 895 |
| | 12-14 | .2 | 3.8 | | | | 3.8 | 2.7 | 1.4 | | | 4.1 | 900 |
| | 15-17 | .7 | 3.0 | | | | 3.0 | 1.7 | 1.1 | | | 2.6 | 895 |
| | 18-20 | 1.2 | 2.6 | | | | 2.6 | .9 | .6 | | | 1.5 | 809 |
| | 21-23 | 3.3 | 5.8 | | | | 5.8 | 1.3 | .5 | | | 1.8 | 799 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.3 | 5.9 | | | | 5.9 | 5.9 | 1.1 | | .1 | 7.0 | 6547 |

4637

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# WEATHER CONDITIONS

72261[illegible] LAUGHLIN AFB TX 70,73-81 MAY
STATION STATION NAME YEARS 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 | 1.8 | 3.7 | | | | 3.7 | 4.4 | .8 | | | 4.7 | 655 |
| | 03-05 | 2.3 | 7.5 | | | .1 | 7.5 | 10.1 | .7 | | | 10.1 | 702 |
| | 06-08 | .9 | 10.9 | | | | 10.9 | 22.3 | 2.5 | | | 23.6 | 884 |
| | 09-11 | .3 | 8.5 | | | | 8.5 | 10.9 | 4.8 | | | 15.5 | 915 |
| | 12-14 | .5 | 2.3 | | | | 2.3 | 2.2 | 1.7 | | | 3.8 | 924 |
| | 15-17 | 2.2 | 3.0 | | | .1 | 3.0 | .2 | 1.6 | | | 1.9 | 912 |
| | 18-20 | 5.1 | 5.2 | | | .1 | 5.2 | .1 | 1.2 | | .4 | 1.6 | 810 |
| | 21-23 | 3.0 | 3.3 | | | | 3.3 | 1.7 | .9 | | .1 | 2.5 | 767 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.0 | 5.6 | | | .0 | 5.6 | 6.5 | 1.8 | | .1 | 8.0 | 6569 |

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# WEATHER CONDITIONS

722615 STATION | LAUGHLIN AFB TX STATION NAME | 70,73-81 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 | 1.6 | 2.0 | | | | 2.0 | | | | | | 638 |
| | 03-05 | 1.0 | 3.1 | | | | 3.1 | .6 | | | | .6 | 687 |
| | 06-08 | .6 | 5.4 | | | | 5.4 | 6.4 | 2.8 | | | 9.0 | 853 |
| | 09-11 | .7 | 4.4 | | | | 4.4 | 2.8 | .7 | | .1 | 3.6 | 891 |
| | 12-14 | .7 | 2.2 | | | | 2.2 | | | | .1 | .1 | 900 |
| | 15-17 | 1.0 | 1.8 | | | | 1.8 | .2 | | | | .2 | 886 |
| | 18-20 | 1.5 | 1.6 | | | | 1.6 | | | | | | 817 |
| | 21-23 | .9 | 1.7 | | | | 1.7 | | | | .1 | .1 | 762 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.0 | 2.8 | | | | 2.8 | 1.3 | .4 | | .0 | 1.7 | 6434 |



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722615 LAUGHLIN AFB TX 73,73-81 JUL
STATION STATION NAME YEARS 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 | .8 | 3.3 | | | | 3.3 | | | | | | 665 |
| | 03-05 | .9 | 4.7 | | | | 4.7 | .3 | | | | .3 | 704 |
| | 06-08 | .3 | 3.7 | | | | 3.7 | 1.5 | 1.6 | | | 3.1 | 881 |
| | 09-11 | .3 | 5.2 | | | | 5.2 | 1.2 | .4 | | | 1.6 | 916 |
| | 12-14 | 1.3 | 4.7 | | | | 4.7 | .6 | | | .1 | .8 | 924 |
| | 15-17 | 1.8 | 4.5 | | | | 4.5 | .4 | | | | .4 | 912 |
| | 18-20 | 2.6 | 4.8 | | | | 4.8 | .2 | | | | .2 | 859 |
| | 21-23 | 1.0 | 2.9 | | | | 2.9 | .1 | | | .1 | .2 | 805 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.1 | 4.2 | | | | 4.2 | .5 | .3 | | .0 | .8 | 6666 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722615 | LAUGHLIN AFB TX | 70,73-81 | AUG
STATION | STATION NAME | YEARS | 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 | .6 | 1.8 | | | | 1.8 | | .3 | | | .3 | 669 |
| | 03-05 | .1 | 2.0 | | | | 2.0 | | .4 | | | .4 | 704 |
| | 06-08 | .7 | 3.5 | | | | 3.5 | 1.1 | 2.3 | | | 3.3 | 887 |
| | 09-11 | .1 | 2.7 | | | | 2.7 | .1 | 1.8 | | | 1.9 | 924 |
| | 12-14 | .8 | 1.3 | | | | 1.3 | | .8 | | | .8 | 930 |
| | 15-17 | 1.3 | 2.1 | | | | 2.1 | | .3 | | | .3 | 917 |
| | 18-20 | .5 | 1.7 | | | | 1.7 | | .2 | | | .2 | 859 |
| | 21-23 | 1.4 | 1.6 | | | | 1.6 | | | | | | 795 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 2.1 | | | | 2.1 | .2 | .8 | | | .9 | 6685 |



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 1.6 | 2.0 | | | | 2.0 | .9 | | | | .9 | 547 |
| | 03-05 | .3 | 4.1 | | | | 4.1 | 2.2 | .5 | | | 2.7 | 641 |
| | 06-08 | | 5.1 | | | | 5.1 | 6.6 | 3.1 | | | 9.6 | 847 |
| | 09-11 | .1 | 4.4 | | | | 4.4 | 4.5 | 1.5 | | | 6.0 | 884 |
| | 12-14 | .2 | 3.9 | | | | 3.9 | 2.1 | .8 | | | 2.9 | 894 |
| | 15-17 | 1.3 | 5.2 | | | | 5.2 | 2.5 | 1.1 | | | 3.4 | 879 |
| | 18-20 | 1.3 | 3.1 | | | | 3.1 | 1.1 | .4 | | | 1.3 | 815 |
| | 21-23 | .5 | 2.9 | | | | 2.9 | .5 | | | | .5 | 752 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 3.8 | | | | 3.8 | 2.6 | .9 | | | 3.4 | 6259 |

GLOBAL CLIMATOLOGY BRANCH
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# WEATHER CONDITIONS

722615 LAUGHLIN AFB TX 69-70,73-80 OCT
STATION STATION NAME YEARS 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 | 4.0 | | | | 4.0 | 2.1 | | | 1.0 | 3.1 | 577 |
| | 03-05 | 1.1 | 4.8 | | | | 4.8 | 4.7 | | | .2 | 4.8 | 660 |
| | 06-08 | .6 | 8.0 | | | | 8.0 | 14.4 | 1.1 | | | 15.0 | 872 |
| | 09-11 | .3 | 6.5 | | | | 6.5 | 6.5 | 1.7 | | .1 | 7.8 | 909 |
| | 12-14 | .5 | 4.0 | | | | 4.0 | 2.5 | .1 | | .4 | 3.1 | 918 |
| | 15-17 | 1.2 | 4.7 | | | | 4.7 | 1.5 | .1 | | .3 | 2.0 | 909 |
| | 18-20 | .4 | 3.9 | | | | 3.9 | 1.2 | | | .5 | 1.7 | 845 |
| | 21-23 | .4 | 4.3 | | | | 4.3 | .6 | | | .5 | 1.1 | 783 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 5.0 | | | | 5.0 | 4.2 | .4 | | .4 | 4.8 | 6473 |

USAFETAC FORM 0-10-5(GL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | .8 | 6.2 | | | | 6.2 | 5.7 | | | .3 | 6.0 | 601 |
| | 03-05 | .9 | 9.2 | | | | 9.2 | 10.4 | | | .5 | 10.9 | 576 |
| | 06-08 | .5 | 11.5 | | | | 11.5 | 21.3 | .6 | | .1 | 21.8 | 840 |
| | 09-11 | .2 | 9.2 | | | | 9.2 | 15.5 | 1.2 | | | 16.5 | 867 |
| | 12-14 | .2 | 5.8 | | | | 5.8 | 4.8 | 1.0 | | | 5.8 | 891 |
| | 15-17 | .1 | 4.2 | | | | 4.2 | 2.7 | .1 | | | 2.7 | 891 |
| | 18-20 | .1 | 4.0 | | | | 4.0 | 3.3 | .1 | | .1 | 3.5 | 820 |
| | 21-23 | .3 | 4.4 | | | | 4.4 | 3.4 | | | .1 | 3.5 | 743 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .4 | 6.8 | | | | 6.8 | 8.4 | .4 | | .1 | 8.8 | 6229 |

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# WEATHER CONDITIONS

722615 STATION | LAUGHLIN AFB TX STATION NAME | 69-70,73-80 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 | 7.4 | | .2 | | 7.4 | 7.4 | | | | 7.4 | 620 |
| | 03-05 | .2 | 6.4 | | | | 6.4 | 12.3 | | | | 12.3 | 593 |
| | 06-08 | | 10.1 | | | | 10.1 | 20.6 | .1 | | .2 | 20.9 | 832 |
| | 09-11 | .1 | 9.1 | | | | 9.1 | 18.8 | .3 | | .5 | 19.5 | 880 |
| | 12-14 | | 4.0 | | .1 | | 4.1 | 7.0 | .6 | | .1 | 7.4 | 903 |
| | 15-17 | | 2.5 | | | | 2.5 | 3.8 | .4 | | | 3.8 | 894 |
| | 18-20 | | 4.2 | | | | 4.2 | 4.6 | .6 | | .1 | 5.1 | 809 |
| | 21-23 | | 6.0 | | | | 6.0 | 7.2 | .3 | | | 7.5 | 747 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 6.2 | | .0 | | 6.2 | 10.2 | .3 | | .1 | 10.5 | 6278 |



USAFETAC FORM JULY 64 0-10-5(GL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# WEATHER CONDITIONS

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-81 (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 | .0 | 9.4 | .1 | .4 | .0 | 9.7 | 12.9 | .5 | | .3 | 13.6 | 6433 |
| FEB | | .0 | 8.6 | | .3 | | 8.8 | 10.6 | .1 | .0 | .3 | 11.0 | 6023 |
| MAR | | .3 | 5.6 | | | | 5.6 | 6.4 | .4 | | 1.1 | 7.8 | 6798 |
| APR | | 1.3 | 5.9 | | | | 5.9 | 5.9 | 1.1 | | .1 | 7.0 | 6547 |
| MAY | | 2.0 | 5.6 | | | .0 | 5.6 | 6.5 | 1.8 | | .1 | 8.0 | 6569 |
| JUN | | 1.0 | 2.8 | | | | 2.8 | 1.3 | .4 | | .0 | 1.7 | 6434 |
| JUL | | 1.1 | 4.2 | | | | 4.2 | .5 | .3 | | .0 | .8 | 6666 |
| AUG | | .7 | 2.1 | | | | 2.1 | .2 | .8 | | | .9 | 6685 |
| SEP | | .7 | 3.8 | | | | 3.8 | 2.6 | .9 | | | 3.4 | 6259 |
| OCT | | .7 | 5.0 | | | | 5.0 | 4.2 | .4 | | .4 | 4.8 | 6473 |
| NOV | | .4 | 6.8 | | | | 6.8 | 8.4 | .4 | | .1 | 8.8 | 6229 |
| DEC | | .1 | 6.2 | | .0 | | 6.2 | 10.2 | .3 | | .1 | 10.5 | 6278 |
| TOTALS | | .7 | 5.5 | .0 | .1 | .0 | 5.5 | 5.8 | .6 | .0 | .2 | 6.5 | 77394 |

# PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data 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 daily 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 the 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 categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

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

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

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# WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

722115 | LAUGHLIN AFB TX | 53-61 | ALL
STATION | STATION NAME | YEARS | 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 | .6 | 33.2 | 1.2 | 1.6 | .1 | 33.5 | 34.6 | 2.9 | | | 34.7 | 855 |
| FEB | | 1.3 | 29.3 | .1 | 1.7 | | 30.0 | 26.3 | 2.7 | .1 | .4 | 29.5 | 784 |
| MAR | | 3.7 | 26.7 | | .5 | .7 | 27.1 | 23.4 | 4.5 | | .6 | 26.3 | 864 |
| APR | | 12.1 | 34.6 | | | 1.0 | 34.6 | 24.3 | 7.3 | | .6 | 26.3 | 836 |
| MAY | | 18.4 | 40.0 | | | 1.7 | 40.0 | 20.6 | 8.5 | | | 24.2 | 853 |
| JUN | | 11.3 | 23.4 | | | .4 | 28.4 | 8.0 | 2.9 | | .4 | 9.6 | 842 |
| JUL | | 9.5 | 19.5 | | | .2 | 19.5 | 3.0 | 1.1 | | .4 | 4.4 | 691 |
| AUG | | 9.6 | 21.6 | | | .1 | 21.6 | 3.6 | 2.2 | | .6 | 5.3 | 899 |
| SEP | | 6.6 | 28.7 | | | .1 | 28.7 | 10.2 | 5.2 | | | 13.2 | 834 |
| OCT | | 6.5 | 28.2 | | | .1 | 28.2 | 20.6 | 2.9 | | | 21.5 | 866 |
| NOV | | 1.3 | 25.0 | | .5 | | 28.1 | 27.3 | 2.7 | | | 27.6 | 830 |
| DEC | | .9 | 30.6 | .4 | .6 | | 30.6 | 29.0 | 2.8 | | .1 | 29.4 | 846 |
| TOTALS | | 7.0 | 29.1 | .1 | .4 | .4 | 29.2 | 19.4 | 3.6 | .0 | .3 | 21.1 | 10295 |

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# PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

| | | |
|---|---|---|
| EXTREME DAILY PRECIPITATION | ".00" | equals none for the month (hundredths) |
| EXTREME DAILY SNOWFALL | ".0" | equals none for the month (tenths) |
| EXTREME DAILY SNOW DEPTH | "0" | equals none for the month (whole inches) |

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

| Air Force Stations: | | U. S. Navy and National Weather Service (USWB) | |
|---|---|---|---|
| Beginning thru 1945 | at 0800LST | Beginning thru Jun 52 | at 0030GMT |
| Jan 46-May 57 | at 1230GMT | Jul 52-May 57 | at 1230GMT |
| Jun 57-present | at 1200GMT | Jun 57-present | at 1200GMT |

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GLOBAL CLIMATOLOGY BRANCH
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# DAILY AMOUNTS

**PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)**

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 43-45, 53-63, 68-81 (YEARS)

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP. | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 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 | 0.1-0.4 | 0.5-1.4 | 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 | 63.5 | 17.7 | 3.5 | 8.6 | 2.5 | 2.3 | 1.0 | .6 | .3 | | | | | 18.8 | 775 | .66 | 4.25 | TRACE |
| FEB | 66.6 | 18.5 | 2.3 | 4.2 | 2.3 | 2.4 | 1.7 | 1.3 | .8 | | | | | 15.0 | 709 | .92 | 2.23 | TRACE |
| MAR | 71.0 | 16.5 | 2.6 | 3.3 | 1.8 | 2.8 | 1.0 | .6 | .4 | | | | | 12.5 | 794 | .66 | 2.63 | TRACE |
| APR | 63.2 | 20.5 | 2.2 | 3.8 | 1.8 | 1.7 | 2.2 | 2.4 | 1.8 | .4 | | | | 16.3 | 780 | 2.03 | 7.89 | TRACE |
| MAY | 56.7 | 21.2 | 2.4 | 6.0 | 2.5 | 3.4 | 3.2 | 2.2 | 2.2 | .1 | .1 | | | 22.2 | 803 | 2.58 | 8.62 | .02 |
| JUN | 67.7 | 16.7 | 1.4 | 3.1 | 1.4 | 2.0 | 2.2 | 2.3 | 2.9 | .4 | | | | 15.6 | 786 | 2.69 | 8.54 | .03 |
| JUL | 78.7 | 9.4 | 1.3 | 1.9 | .8 | 3.1 | .7 | 1.9 | 1.1 | .7 | .2 | | | 11.8 | 837 | 2.34 | 15.17 | TRACE |
| AUG | 69.2 | 14.6 | 2.2 | 4.7 | 2.5 | 2.5 | 1.1 | 1.5 | 1.4 | .2 | | | | 16.1 | 806 | 1.58 | 7.49 | .01 |
| SEP | 69.4 | 13.4 | 1.1 | 3.7 | 2.1 | 3.6 | 2.9 | 2.2 | 1.2 | .2 | | | | 17.2 | 803 | 1.88 | 7.61 | .02 |
| OCT | 68.0 | 16.0 | 1.2 | 3.2 | 1.7 | 2.1 | 2.2 | 3.0 | 1.6 | .7 | .1 | | | 16.0 | 806 | 2.74 | 8.37 | TRACE |
| NOV | 68.7 | 17.2 | 2.1 | 3.7 | 1.7 | 3.1 | 1.3 | 1.5 | .6 | .1 | | | | 14.1 | 780 | 1.03 | 5.90 | TRACE |
| DEC | 67.5 | 17.3 | 3.8 | 5.5 | 1.2 | 2.6 | 1.3 | .6 | .3 | | | | | 15.2 | 782 | .56 | 1.91 | TRACE |
| ANNUAL | 67.5 | 16.6 | 2.2 | 4.3 | 1.9 | 2.6 | 1.7 | 1.7 | 1.2 | .2 | .0 | | | 15.9 | 9461 | 19.67 | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
## PRECIPITATION

(FROM DAILY OBSERVATIONS)

722615 STATION — LAUGHLIN AFB TX STATION NAME — 43-45, 53-63, 68-81 YEARS

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | | * .41* | .78 | 2.04 | 1.74 | 2.92 | 1.66 | TRACE | 1.01 | .93 | 1.17 | .65 | |
| 44 | 1.28 | 1.95 | .21 | 1.36 | .56 | 1.48 | .21 | 1.60 | 1.14 | 4.24 | 1.35 | .99 | 4.24 |
| 45 | .71 | .46 | 1.04 | .48 | .55 | .89 | .18 | .56* | .30 | | | | |
| 53 | | | | | * | .25 | .15 | .46 | 3.70 | .78 | TRACE | .30 | |
| 54 | .08 | TRACE | TRACE | 1.24 | 1.77 | 1.51 | .23 | .64 | 1.15 | 1.55 | .01 | .01 | 1.77 |
| 55 | .13 | .28 | .87 | TRACE | .45 | 1.28 | .67 | .43 | .71 | .30 | .66 | .20 | 1.28 |
| 56 | .07 | .65 | .01 | .05 | .02 | .03 | .01 | .12 | .35 | 2.79 | .01 | .05 | 2.79 |
| 57 | .07 | .38 | 1.50 | 2.62 | 2.22 | .47 | TRACE | TRACE | 1.91 | 2.91 | .14 | .32 | 2.91 |
| 58 | 2.07 | .69 | .37 | .21 | 5.72 | 2.31 | 2.60 | 1.00 | 2.07 | 1.18 | .12 | .03 | 5.72 |
| 59 | .02 | .32 | TRACE | 1.43 | 3.03 | 2.12 | .87 | .05 | 1.28 | 2.77 | .27 | .51 | 3.03 |
| 60 | .15 | 1.04 | .38 | .21 | .45 | .06 | .69 | 1.34 | 1.76 | 1.52 | .22 | 1.05 | 1.76 |
| 61 | .63 | .62 | .07 | .73 | .11 | 4.67 | 2.48 | 3.74 | .34 | 1.51 | .31 | .11 | 4.67 |
| 62 | .13 | .09 | .24 | 1.35 | .57 | 1.02 | .72 | .07 | .53 | 1.34 | .43 | .14 | 1.35 |
| 63 | .01 | 1.41 | .01 | 1.38 | 1.74 | .58 | .35 | TRACE | .60 | .42 | .25* | TRACE | 1.74 |
| 68 | | | | | | | | .61* | .66 | .92 | .69 | .04 | |
| 69 | .35 | 1.53 | .54 | 3.37* | 1.38 | .28 | 3.23 | 2.77 | .62 | 3.60 | 1.18 | .31 | 3.60 |
| 70 | .37 | .94 | .15 | .03 | 1.58 | .64 | .01 | 1.39 | 4.61 | .06 | TRACE | .04 | 4.61 |
| 71 | TRACE | .20 | TRACE | .73 | .57 | 1.83 | .23 | 2.75 | .21 | 1.04 | .03 | .13 | 2.75 |
| 72 | .18 | .03 | .17 | .53 | .94 | .64 | 1.69 | 1.75 | .40 | .18 | .52 | .03 | 1.75 |
| 73 | .34 | .52 | .33 | .32 | .05 | 1.98 | 3.22 | .25 | .57 | 2.67 | .01 | TRACE | 3.22 |
| 74 | .02 | TRACE | .50 | 1.02 | 1.02 | .07 | .11 | 1.60 | .34 | 1.15 | .45* | 1.20 | 1.60 |
| 75 | .22 | 1.17 | .04 | 1.15 | 1.25 | 1.16 | 6.46 | .64 | .43 | .68 | .02 | .28 | 6.46 |
| 76 | .12 | .01 | .08 | 1.46 | 1.69 | 1.04 | 3.12 | .08 | 1.21 | .97 | .51 | .91 | 3.12 |
| 77 | .37 | 1.02 | .25 | 1.14 | 1.12 | 1.67 | 1.04 | .11 | .11 | 5.80 | 1.15 | .03 | 5.80 |
| 78 | .02 | .25 | .26 | .46 | 2.04 | 1.89 | 1.98 | 2.36 | .85 | .36 | 2.84 | .41 | 2.84 |
| 79 | .08 | .45 | 1.61 | 1.00 | .39 | 3.00 | .07 | .20 | .02 | TRACE | .33 | .23 | 3.00 |
| 80 | .06 | .15 | .04 | .31 | 1.60 | .11 | .18 | .77 | .24 | .08 | .99 | .24 | 1.60 |
| 81 | .36 | .10 | .43 | .95 | .62 | 2.00 | .15 | 1.40 | | | | | |
| | | | | | | | | | | | | | |
| MEAN | .314 | .570 | .364 | .983 | 1.272 | 1.371 | 1.197 | .953 | 1.046 | 1.529 | .525 | .292 | 3.234 |
| S.D. | .465 | .533 | .446 | .804 | 1.201 | 1.091 | 1.516 | .997 | 1.094 | 1.437 | .633 | .315 | 1.547 |
| TOTAL OBS | 775 | 709 | 794 | 780 | 803 | 786 | 837 | 868 | 803 | 806 | 780 | 782 | 9523 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
## MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

722615 STATION — LAUGHLIN AFB TX STATION NAME — 43-45, 53-63, 68-81 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | | * .65 | * .78 | 2.04 | 2.57 | 3.25 | 2.47 | TRACE | 2.62 | 1.14 | 2.58 | 1.34 | |
| 44 | 1.98 | 2.18 | .59 | 1.36 | 2.40 | 1.84 | .21 | 5.87 | 2.43 | 4.77 | 1.73 | 1.91 | 27.27 |
| 45 | .88 | 1.10 | 1.99 | .53 | .56 | 1.22 | .42 | .74 | * .30 | | | | |
| 53 | | | | | | * .25 | .15 | 1.42 | 5.42 | 1.56 | TRACE | .33 | |
| 54 | .33 | TRACE | TRACE | 3.70 | 2.98 | 3.98 | .44 | .66 | 1.37 | 1.83 | .02 | .01 | 15.32 |
| 55 | .44 | .38 | .89 | TRACE | 1.57 | 1.76 | 2.11 | 1.46 | .91 | .30 | 1.28 | .20 | 11.30 |
| 56 | .15 | .88 | .01 | .07 | .02 | .03 | .01 | .12 | .47 | 2.80 | .01 | .09 | 4.66 |
| 57 | .27 | .89 | 2.63 | 7.32 | 6.63 | 1.03 | TRACE | TRACE | 3.40 | 4.68 | .84 | .77 | 28.46 |
| 58 | 4.25 | 1.74 | 1.07 | .44 | 8.62 | 5.38 | 3.54 | 1.34 | 4.41 | 3.82 | .31 | .09 | 35.01 |
| 59 | .03 | .44 | TRACE | 2.86 | 5.08 | 6.35 | 1.63 | .12 | 1.57 | 6.11 | .54 | .82 | 25.55 |
| 60 | .50 | 2.18 | .66 | .45 | .57 | .13 | 2.37 | 2.16 | 2.47 | 4.14 | .36 | 1.88 | 17.87 |
| 61 | 1.80 | .65 | .11 | .78 | .30 | 8.54 | 5.21 | 3.82 | .56 | 3.09 | .67 | .32 | 25.85 |
| 62 | .35 | .29 | .32 | 3.08 | .58 | 2.27 | .72 | .12 | .92 | 2.08 | .68 | .48 | 11.89 |
| 63 | .01 | 2.23 | .01 | 1.61 | 4.43 | 1.30 | .35 | TRACE | 1.16 | .75 | .65 | * TRACE | *12.50 |
| 68 | | | | | | | | 1.25 | * 1.51 | 1.23 | 1.88 | .07 | |
| 69 | .53 | 1.74 | .72 | 7.89 | * 2.64 | .33 | 3.23 | 4.04 | 1.49 | 8.37 | 3.34 | 1.03 | *35.35 |
| 70 | .55 | 1.80 | .62 | .03 | 2.63 | 1.62 | .01 | 1.91 | 7.61 | .08 | TRACE | .08 | 16.94 |
| 71 | TRACE | .21 | TRACE | .84 | 1.14 | 5.96 | .25 | 7.49 | .81 | 2.54 | .06 | .26 | 19.56 |
| 72 | .50 | .03 | .20 | 1.09 | 1.63 | 1.39 | 2.08 | 6.17 | .80 | .42 | .95 | .08 | 15.34 |
| 73 | .72 | 1.52 | .77 | .52 | .08 | 3.98 | 4.43 | .33 | 1.74 | 6.13 | .01 | TRACE | 20.23 |
| 74 | .12 | TRACE | .74 | 1.18 | 2.05 | .07 | .14 | 2.50 | 1.09 | 2.45 | .72 | * 1.28 | *12.34 |
| 75 | .54 | 1.65 | .04 | 1.96 | 3.96 | 2.06 | 12.68 | .97 | 1.49 | 1.15 | .02 | .67 | 27.19 |
| 76 | .12 | .01 | .15 | 4.67 | 3.45 | 1.88 | 15.17 | .08 | 1.93 | 3.26 | .74 | 1.39 | 32.85 |
| 77 | 1.17 | 1.04 | .52 | 3.53 | 3.22 | 1.92 | 1.04 | .15 | .15 | 7.89 | 1.29 | .05 | 21.97 |
| 78 | .09 | .41 | .29 | .66 | 4.61 | 2.73 | 3.98 | 2.46 | 1.83 | .52 | 5.90 | .85 | 24.33 |
| 79 | .28 | 1.04 | 2.59 | 1.33 | .93 | 5.11 | .07 | .33 | .02 | TRACE | .50 | .36 | 12.56 |
| 80 | .17 | .20 | .10 | .35 | 3.21 | .11 | .18 | 1.01 | .39 | .08 | 1.81 | .44 | 8.05 |
| 81 | .66 | .30 | 1.38 | 4.43 | 1.32 | 5.80 | .28 | 1.40 | | | | | |
| | | | | | | | | | | | | | |
| MEAN | .658 | .916 | .656 | 2.028 | 2.582 | 2.694 | 2.340 | 1.711 | 1.882 | 2.738 | 1.034 | .563 | 20.110 |
| S.D. | .902 | .762 | .765 | 2.134 | 2.132 | 2.285 | 3.691 | 2.026 | 1.752 | 2.404 | 1.307 | .579 | 8.229 |
| TOTAL OBS | 775 | 709 | 794 | 780 | 803 | 786 | 837 | 868 | 803 | 806 | 780 | 782 | 9523 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 53-63, 68-81 (YEARS)

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP. | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 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 | 0.1-0.4 | 0.5-1.4 | 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 | 98.2 | 1.6 | | | | | | | | | | | | | 713 | TRACE | TRACE | .0 |
| FEB | 98.3 | 1.4 | .2 | | | | | .2 | | | | | | .3 | 649 | .3 | 5.5 | .0 |
| MAR | 99.9 | .1 | | | | | | | | | | | | | 713 | TRACE | TRACE | .0 |
| APR | 100.0 | | | | | | | | | | | | | | 690 | .0 | .0 | .0 |
| MAY | 100.0 | | | | | | | | | | | | | | 713 | .0 | .0 | .0 |
| JUN | 100.0 | | | | | | | | | | | | | | 696 | .0 | .0 | .0 |
| JUL | 100.0 | | | | | | | | | | | | | | 744 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 744 | .0 | .0 | .0 |
| SEP | 100.0 | | | | | | | | | | | | | | 719 | .0 | .0 | .0 |
| OCT | 100.0 | | | | | | | | | | | | | | 743 | .0 | .0 | .0 |
| NOV | 99.4 | .6 | | | | | | | | | | | | | 720 | TRACE | TRACE | .0 |
| DEC | 99.7 | .3 | | | | | | | | | | | | | 720 | TRACE | TRACE | .0 |
| ANNUAL | 99.5 | .4 | .0 | | | | | .0 | | | | | | .0 | 8564 | .3 | | |

1210 WS FORM AUL 64 0-15-3 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
## SNOWFALL

(FROM DAILY OBSERVATIONS)

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 53-63, 68-81 (YEARS)

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | | | | | | * .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| 54 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 55 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| 56 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 57 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| 58 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 59 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 60 | .0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .3 |
| 61 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 62 | TRACE | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 63 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | TRACE |
| 68 | | | | | | | | .0* | .0 | .0 | .0 | .0 | |
| 69 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 70 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 71 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | .0 | .0 | .0 |
| 72 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 73 | TRACE | 5.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 |
| 74 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | * .0 |
| 75 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 76 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| 77 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 78 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 79 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 80 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 81 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | |
| MEAN | TRACE | .25 | TRACE | .00 | .00 | .00 | .00 | .00 | .00 | .00 | TRACE | TRACE | .31 |
| S.D. | .000 | 1.140 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.260 |
| TOTAL OBS | 713 | 669 | 713 | 690 | 713 | 696 | 744 | 775 | 719 | 743 | 720 | 720 | 8595 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
## MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 53-63, 68-81 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | | | | | | * .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| 54 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 55 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| 56 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 57 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| 58 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 59 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 60 | .0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .3 |
| 61 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 62 | TRACE | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 63 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | *TRACE |
| 68 | | | | | | | | .0* | .0 | .0 | .0 | .0 | |
| 69 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 70 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 71 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | .0 | .0 | * .0 |
| 72 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 73 | TRACE | 5.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 |
| 74 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | * .0 |
| 75 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 76 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| 77 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 78 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 79 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 80 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 81 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | |
| MEAN | TRACE | .25 | TRACE | .00 | .00 | .00 | .00 | .00 | .00 | .00 | TRACE | TRACE | .3 |
| S.D. | .000 | 1.146 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.26 |
| TOTAL OBS | 713 | 649 | 713 | 690 | 713 | 696 | 744 | 775 | 719 | 743 | 720 | 720 | 859 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX 43-45, 53-81
STATION STATION NAME YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 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 | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-9.4 | 9.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-30.4 | OVER 30.4 | | | | | |
| SNOW-DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 99.7 | .5 | .1 | .1 | | | | | | | | | | .2 | 918 | | | |
| FEB | 99.8 | .2 | | | .1 | .1 | | | | | | | | .2 | 845 | | | |
| MAR | 100.0 | | | | | | | | | | | | | | 940 | | | |
| APR | 100.0 | | | | | | | | | | | | | | 922 | | | |
| MAY | 100.0 | | | | | | | | | | | | | | 953 | | | |
| JUN | 100.0 | | | | | | | | | | | | | | 928 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 980 | | | |
| AUG | 100.0 | | | | | | | | | | | | | | 981 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 918 | | | |
| OCT | 100.0 | | | | | | | | | | | | | | 920 | | | |
| NOV | 100.0 | | | | | | | | | | | | | | 887 | | | |
| DEC | 100.0 | | | | | | | | | | | | | | 901 | | | |
| ANNUAL | 99.9 | .1 | .0 | .0 | .0 | .0 | | | | | | | | .0 | 11093 | | | |

1200 WS FORM AIR 60 0-10-5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX 43-45, 53-81

STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | * | 0* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 44 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | | | | |
| 53 | | | | | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 61 | TRACE | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | * 0 |
| 64 | * 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0 | * 0 |
| 65 | * 0 | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0* | 0 | 0* | 0* | 0 * 0 |
| 66 | * 0* | 0 | 0 | 0* | 0 | 0* | 0* | 0* | 0 | 0* | 0* | 0 | * 0 |
| 67 | * 0* | 0 | 0 | 0* | 0 | 0* | 0 | 0* | 0 | 0* | 0* | 0 | * 0 |
| 68 | * 0 | 0 | 0 | 0* | 0 | 0* | 0 | 0* | 0 | 0 | 0 | 0 | 0 |
| 69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0 | 0 |
| 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | * 0 |
| 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

722615 STATION — LAUGHLIN AFB TX STATION NAME — 43-45, 53-81 YEARS

## DAILY SNOW DEPTH IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 81 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| MEAN | .1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .* |
| S.D. | .400 | .962 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.182 |
| TOTAL OBS | 918 | 845 | 940 | 922 | 953 | 928 | 980 | 981 | 918 | 920 | 887 | 901 | 11093 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-88-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# 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 June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

*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 directions and speed, and in addition the mean wind speed is given 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 VRBL.

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: 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.

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

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# EXTREME VALUES
## SURFACE WINDS

(FROM DAILY OBSERVATIONS)

722615 STATION | LAUGHLIN AFB TX STATION NAME | 57-63, 65-81 YEARS

DAILY PEAK GUSTS IN KNOTS

| MONTH / YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 57 | | | | | | | | | | NW *22 | NW 35 | SE 32 | |
| 58 | NW 40 | W 50 | NW 30 | NW 40 | NE 40 | NE 36 | S 40 | SE 32 | E 32 | NW 18 | N 30 | SE *12 | W 50 |
| 59 | | | | NW *36 | NE 44 | SE 21 | NW 32 | ENE 35 | SE 30 | W SW 42 | S 34 | W NW 36 | |
| 60 | NW 29 | NW 44 | NW 31 | SSE 33 | NW 36 | SE 38 | NW 40 | SE 29 | N 51 | S SW 35 | N 28 | NW 31 | N 51 |
| 61 | N 35 | NW 37 | N 41 | N 39 | NE 33 | NW 36 | W SW 31 | NE 32 | W NW 31 | N *30 | NW *43 | NW *25 | NW *43 |
| 62 | WNW *35 | W NW 30 | NW 44 | N 52 | ESE 47 | NNE 39 | SSW 35 | SE 36 | S *37 | E *32 | NW NW *31 | N *29 | N 52 |
| 63 | WNW *35 | NW *37 | NNE *35 | SE *28 | NW NW *51 | ESE *34 | SE *37 | SE *37 | E *31 | S SE *28 | NNE *38 | N *23 | NNW *51 |
| 65 | | | | | | | | ESE 34 | S 34 | NW 31 | N 23 | ESE *27 | |
| 66 | SSE 32 | W NW 39 | N 36 | W 55 | W NW 44 | N 31 | E 26 | NNE 34 | N 39 | NNE 31 | NNE 35 | NW 36 | W 55 |
| 67 | NW 33 | W NW 42 | N 44 | W SW 37 | N 31 | SSW 45 | E 62 | NNE 41 | NNE 34 | NW 54 | NW 40 | NW 36 | E 62 |
| 68 | NW 34 | N 44 | W NW 44 | N *53 | N 33 | ENE 71 | 11/ 36 | 21/ 47 | 30/ 34 | 11/ 29 | 35/ 35 | 28/ 48 | ENE 71 |
| 69 | 33/ 31 | 35/ 32 | 27/ 43 | 31/ 58 | 33/ 43 | 13/ 33 | 12/ 33 | 10/ 46 | 2/ 34 | 27* 37 | 34* 39 | 31/ 49 | 31/ 58 |
| 70 | 34/ 33 | 31/ 34 | 36/ 38 | 35/ 37 | 31/ 72 | 4/ 64 | 13/ 29 | 13/ 73 | 33/ 48 | 34/ 40 | 34/ 46 | 34/ 31 | 13/ 73 |
| 71 | 33/ 35 | 32/ 46 | 34/ 47 | 11/ 48 | 33/ 43 | 13/ 40 | 17/ 25 | 10/ 36 | 12/ 37 | 5/ 33 | 34/ 32 | 32/ 44 | 11/ 48 |
| 72 | 36/ 36 | 36/ 37 | 36/ 37 | 29/ 40 | 33/ 46 | 3/ 34 | 17/ 38 | 16/ 31 | 36/ 51 | 33/ 35 | 31/ 39 | 32/ 32 | 36/ 51 |
| 73 | 29/ 47 | 33/ 29 | 34/ 42 | 33/ 36 | 35/ 40 | 14* 50 | 25/ 51 | 14/ 38 | 36/ 34 | 33/ 37 | 1/ 36 | 30/ 53 | 30/ 53 |
| 74 | 32/ 31 | 30/ 50 | 30/ 43 | 32/ 43 | 28/ 46 | 7/ 30 | 12/ 42 | 1/ 33 | 33/ 48 | 30/ 38 | 34/ 32 | 31/ 31 | 30/ 50 |
| 75 | 33/ 41 | 32/ 40 | 33/ 38 | 36/ 34 | 22/ 40 | 12/ 39 | 12/ 31 | 4/ 27 | 10/ 35 | 14/ 25 | 34/ 32 | 34/ 30 | 33/ 41 |
| 76 | 35/ 37 | 36/ 30 | 32/ 28 | 34/ 50 | 30/ 37 | 21/ 42 | 18/ 38 | 11/ 30 | 11/ 27 | 1/ 29 | 36/ 25 | 16/ 28 | 34/ 50 |
| 77 | 35/ 33 | 33/ 42 | 31/ 34 | 4/ 33 | 16/ 34 | 11/ 33 | 2/ 40 | 6/ 29 | 36/ 31 | 3/ 32 | 34/ 32 | 36/ 25 | 33/ 42 |
| 78 | 33/ 41 | 30/ 36 | 31/ 39 | 8/ 34 | 30/ 66 | 34* 30 | 4/ 48 | 1/ 34 | 6/ 28 | 15/ 22 | 9/ 30 | 34/ 27 | 30/ 66 |
| 79 | 31/ 46 | 33/ 35 | 35/ 32 | 36/ 34 | 13/ 25 | 2/ 29 | 11/ 21 | 30/ 45 | 10/ 30 | 31/ 37 | 31/ 29 | 1/ 33 | 31/ 46 |
| 80 | 34/ 27 | 34/ 31 | 32/ 42 | 35/ 36 | 12/ 57 | 9/ 25 | 12/ 30 | 13/ 33 | 7/ 36 | 32/ 26 | 30/ 29 | 33/ 27 | 12/ 57 |
| 81 | 34/ 22 | 35/ 32 | 28/ 34 | 33/ 38 | 11/ 32 | 15/ 36 | 15/ 25 | 13/ 22 | | | | | |
| MEAN | 34.9 | 38.0 | 38.4 | 40.9 | 42.3 | 38.0 | 35.9 | 36.2 | 36.2 | 33.0 | 32.7 | 34.9 | 52.2 |
| S.D. | 6.190 | 6.577 | 5.451 | 7.859 | 11.346 | 11.940 | 9.655 | 10.230 | 7.438 | 8.175 | 5.363 | 8.207 | 8.830 |
| TOTAL OBS | 627 | 581 | 638 | 639 | 669 | 634 | 671 | 707 | 640 | 668 | 653 | 633 | 7760 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) $ (BASED ON LESS THAN FULL MONTHS AND *100 KNOTS)

L NL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 12919 | LAUGHLIN AFB TX | 70-73,75-81 | JAN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

0000-2300
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 | 4.2 | 3.2 | 2.1 | 1.4 | .5 | | | | | | | 11.4 | 6.4 |
| NNE | 2.9 | 4.2 | .6 | | | | | | | | | 7.7 | 4.0 |
| NE | 1.9 | 1.8 | .3 | | | | | | | | | 4.. | 3.7 |
| ENE | 1.3 | .6 | .2 | | | | | | | | | 2.1 | 3.4 |
| E | 3.2 | 6.3 | 1.3 | | | | | | | | | 10.9 | 4.4 |
| ESE | 3.4 | 6.4 | 4.8 | 1.4 | | | | | | | | 16.1 | 6.3 |
| SE | 1.6 | 4.2 | 4.5 | 1.0 | | | | | | | | 11.3 | 6.3 |
| SSE | .6 | .8 | 1.0 | | | | | | | | | 2.4 | 5.7 |
| S | .5 | .3 | | | | | | | | | | 1.1 | 2.3 |
| SSW | .6 | .3 | | | | | | | | | | 1.0 | 3.0 |
| SW | .2 | | | | | | | | | | | .2 | 3.0 |
| WSW | .2 | .3 | | .2 | | | | | | | | .6 | 6.0 |
| W | .3 | .3 | | | .2 | | | | | | | .8 | 6.8 |
| WNW | .6 | 1.6 | .5 | | | | | | | | | 2.7 | 5.1 |
| NW | .2 | 2.1 | 1.1 | .3 | | | | | | | | 3.7 | 6.6 |
| NNW | 1.4 | 1.0 | 1.4 | 2.1 | .5 | | | | | | | 6.4 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.7 | |
| | 23.5 | 33.4 | 17.8 | 6.4 | 1.1 | | | | | | | 100.3 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 6922

USAFETAC FORM JUL 84 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3469

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72261 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,76-81 (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 | 6.5 | 4.0 | 2.3 | 2.1 | | | | | | | | 14.8 | 5.6 |
| NNE | 4.5 | 3.2 | .2 | .2 | | | | | | | | 8.1 | 3.5 |
| NE | 1.3 | .8 | .5 | .3 | | | | | | | | 3.4 | 4.9 |
| ENE | 1.8 | 1.6 | .2 | | | | | | | | | 3.5 | 3.6 |
| E | 2.7 | 4.8 | 1.0 | | | | | | | | | 8.5 | 4.5 |
| ESE | 1.5 | 6.8 | 6.3 | .5 | | | | | | | | 15.0 | 6.5 |
| SE | 1.9 | 4.0 | 3.2 | 1.0 | | | | | | | | 10.2 | 6.1 |
| SSE | .5 | 1.2 | .8 | .2 | | | | | | | | 2.4 | 6.4 |
| S | 1.1 | | | | | | | | | | | 1.1 | 1.7 |
| SSW | .2 | | | .2 | | | | | | | | .3 | 7.5 |
| SW | .5 | .3 | | | | | | | | | | .8 | 2.8 |
| WSW | .2 | | | | | | | | | | | .2 | 1.0 |
| W | .5 | .5 | .2 | | | | | | | | | 1.1 | 4.1 |
| WNW | 1.3 | 2.4 | .6 | .2 | | | | | | | | 4.5 | 4.9 |
| NW | 1.9 | 1.8 | 1.6 | .8 | .2 | | | | | | | 6.3 | 6.3 |
| NNW | 1.9 | .6 | 1.3 | 1.9 | | | | | | | | 5.8 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.9 | |
| | 26.7 | 31.9 | 18.1 | 7.3 | .2 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 620

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

23215 (STATION) LAUGHLIN AF3 TX (STATION NAME) 70,73-81 (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 | 3.9 | 4.0 | 1.3 | 1.6 | | | | | | | | 10.7 | 5.4 |
| NNE | 2.3 | 1.3 | .2 | .6 | | | | | | | | 4.9 | 4.6 |
| NE | 3.0 | 1.6 | .1 | | | | | | | | | 4.7 | 3.2 |
| ENE | 1.6 | 1.3 | .1 | | | | | | | | | 3.2 | 3.3 |
| E | 2.3 | 5.9 | 1.7 | .1 | | | | | | | | 10.0 | 4.8 |
| ESE | 2.8 | 4.7 | 4.0 | .9 | | | | | | | | 12.4 | 5.9 |
| SE | 1.1 | 3.9 | 3.3 | 1.1 | | | | | | | | 9.5 | 6.7 |
| SSE | .7 | .9 | .5 | | | | | | | | | 1.9 | 4.6 |
| S | .5 | .1 | | | | | | | | | | .6 | 2.6 |
| SSW | .2 | .1 | | | | | | | | | | .3 | 2.7 |
| SW | | | | | | | | | | | | | |
| WSW | .1 | .1 | | | | | | | | | | .2 | 2.5 |
| W | .6 | .9 | | .1 | | | | | | | | 1.6 | 4.4 |
| WNW | 1.7 | 3.0 | 1.6 | 1.1 | .2 | | | | | | | 7.6 | 6.8 |
| NW | 2.6 | 3.8 | 2.5 | .8 | .3 | | | | | | | 10.0 | 6.1 |
| NNW | 1.5 | 1.7 | 3.0 | 1.9 | .1 | .1 | | | | | | 8.3 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.0 | |
| | 25.1 | 33.6 | 18.2 | 8.3 | .7 | .1 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 878

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 722615 | LAUGHLIN AFB TX | 70,73-81 | JAN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 1.2 | 1.7 | 1.7 | 1.5 | .7 | .4 | | | | | | 7.2 | 9.7 |
| NNE | .7 | .6 | 1.0 | .2 | | | | | | | | 2.4 | 6.2 |
| NE | 1.? | .4 | .2 | .1 | | | | | | | | 1.9 | 4.3 |
| ENE | .6 | 1.3 | .4 | | | | | | | | | 2.3 | 5.1 |
| E | 1.3 | 2.3 | 1.8 | .3 | | | | | | | | 5.7 | 5.9 |
| ESE | 1.9 | 4.7 | 6.4 | 1.7 | | | | | | | | 14.7 | 7.0 |
| SE | 1.4 | 4.6 | 6.8 | 1.8 | | | | | | | | 14.7 | 7.3 |
| SSE | 1.2 | 2.1 | 2.4 | 1.0 | | | | | | | | 6.7 | 6.7 |
| S | .2 | .7 | .4 | | | | | | | | | 1.3 | 5.4 |
| SSW | | .3 | | | | | | | | | | .3 | 4.7 |
| SW | .1 | .2 | | | | | | | | | | .3 | 3.3 |
| WSW | .3 | | | | | | | | | | | .3 | 2.3 |
| W | 1.4 | .7 | .3 | .1 | .1 | | | | | | | 2.6 | 4.8 |
| WNW | 1.9 | 1.3 | 1.7 | .1 | .6 | .1 | | | | | | 5.6 | 7.1 |
| NW | 1.8 | 1.9 | 3.3 | 1.3 | .3 | .2 | .1 | | | | | 8.9 | 8.4 |
| NNW | 1.3 | 1.9 | 2.9 | 3.3 | 1.3 | .7 | | | | | | 11.4 | 10.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.7 | |
| | 16.3 | 24.7 | 29.3 | 11.5 | 3.0 | 1.4 | .1 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 907

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70.73-81 (YEARS) JAN (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 | 1.0 | 1.6 | 2.1 | 2.2 | .6 | .4 | | | | | | 7.9 | 10.1 |
| NNE | .1 | .4 | | .1 | | | | | | | | .6 | 5.3 |
| NE | .3 | .3 | | | | | | | | | | .6 | 3.7 |
| ENE | .4 | .6 | .6 | | | | | | | | | 1.7 | 5.4 |
| E | 1.4 | .8 | .4 | .6 | | | | | | | | 3.2 | 5.6 |
| ESE | 1.0 | 3.1 | 3.6 | 1.3 | | | | | | | | 9.0 | 7.3 |
| SE | 1.2 | 4.0 | 7.5 | 4.0 | .1 | | | | | | | 16.8 | 8.3 |
| SSE | 1.5 | 4.4 | 5.4 | 2.8 | .1 | | | | | | | 14.3 | 7.8 |
| S | 1.1 | 1.6 | 1.1 | | | | | | | | | 3.8 | 5.2 |
| SSW | .4 | .2 | .1 | | | | | | | | | .8 | 4.0 |
| SW | .3 | .1 | | | | | | | | | | .4 | 2.5 |
| WSW | .6 | .5 | | | | | | | | | | 1.2 | 3.4 |
| W | 1.5 | .8 | .2 | | | .1 | | | | | | 2.6 | 4.4 |
| WNW | 1.1 | 2.1 | 1.0 | .6 | .3 | .6 | | | | | | 5.7 | 9.0 |
| NW | 1.3 | 1.6 | 2.4 | 3.7 | .5 | .2 | .1 | | | | | 9.8 | 10.2 |
| NNW | 1.1 | 1.8 | 2.7 | 4.1 | 1.3 | 1.0 | .3 | | | | | 12.3 | 12.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.1 | |
| | 14.4 | 24.1 | 27.1 | 19.5 | 3.0 | 2.4 | .4 | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 924

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE..

3471

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 1.2 | 1.5 | 2.5 | 2.8 | 1.2 | .2 | | | | | | 9.4 | 10.3 |
| NNE | .3 | .7 | .7 | .2 | | | | | | | | 1.8 | 7.1 |
| NE | .5 | .2 | .1 | .1 | | | | | | | | 1.0 | 4.6 |
| ENE | .3 | .5 | | | | | | | | | | .9 | 3.9 |
| E | 1.6 | 2.6 | 1.3 | .1 | | | | | | | | 5.6 | 5.1 |
| ESE | .8 | 2.3 | 4.1 | 1.7 | | | | | | | | 8.9 | 8.0 |
| SE | 1.2 | 4.5 | 8.0 | 3.0 | | | | | | | | 16.7 | 7.9 |
| SSE | 2.0 | 3.9 | 5.8 | 4.0 | .3 | | | | | | | 16.0 | 8.1 |
| S | 2.2 | 1.7 | .9 | .3 | | | | | | | | 5.1 | 4.9 |
| SSW | .3 | .5 | | | | | | | | | | .9 | 3.9 |
| SW | .3 | .3 | .1 | | | | | | | | | .8 | 4.1 |
| WSW | .4 | .2 | | | | | | | | | | .7 | 3.2 |
| W | 1.1 | .7 | .3 | .1 | | | | | | | | 2.2 | 4.6 |
| WNW | .7 | 1.0 | .5 | .8 | .2 | .3 | | .1 | | | | 3.6 | 10.1 |
| NW | .3 | 2.2 | 2.6 | 1.8 | .9 | .4 | | | | | | 8.3 | 10.3 |
| NNW | .8 | 1.2 | 2.7 | 4.0 | 2.0 | .2 | | | | | | 10.9 | 12.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.4 | |
| | 14.0 | 24.0 | 29.6 | 19.1 | 4.6 | 1.2 | | .1 | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 921

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

72261S (STATION) LAUGHLIN AFB TX (STATION NAME) 70-73-81 (YEARS) JAN (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 | 1.0 | 3.6 | 2.0 | 2.7 | .4 | | | | | | | 9.7 | 8.2 |
| NNE | 1.1 | 1.2 | .9 | .6 | | | | | | | | 3.8 | 5.9 |
| NE | .4 | 1.2 | .4 | .1 | | | | | | | | 2.1 | 5.5 |
| ENE | .2 | .4 | .1 | | | | | | | | | .7 | 4.3 |
| E | 2.6 | 4.1 | 1.2 | .2 | | | | | | | | 8.2 | 4.6 |
| ESE | 3.0 | 7.1 | 4.3 | 1.2 | | | | | | | | 15.6 | 5.9 |
| SE | 2.6 | 6.9 | 4.3 | 1.5 | | | | | | | | 15.4 | 6.1 |
| SSE | 2.1 | 3.6 | 1.1 | .6 | | | | | | | | 7.4 | 5.5 |
| S | 2.5 | 1.5 | | | | | | | | | | 4.0 | 3.0 |
| SSW | 1.4 | .7 | | | | | | | | | | 2.1 | 3.0 |
| SW | .4 | .1 | .1 | | | | | | | | | .6 | 3.2 |
| WSW | .4 | .9 | | | | | | | | | | 1.2 | 3.8 |
| W | .6 | 1.5 | .2 | .1 | | | | | | | | 2.5 | 4.8 |
| WNW | 1.2 | 2.1 | .5 | .2 | .1 | .1 | | | | | | 4.3 | 5.8 |
| NW | .6 | 2.1 | .9 | .6 | .2 | | | | | | | 4.5 | 7.1 |
| NNW | .9 | 1.5 | 2.0 | 2.7 | .6 | | | .1 | | | | 7.8 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 10.0 | |
| | 20.9 | 38.5 | 18.1 | 10.8 | 1.4 | .1 | | .1 | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 807

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (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 | 2.4 | 2.5 | 2.8 | .7 | .4 | .1 | | | | | | 8.9 | 7.0 |
| NNE | 3.1 | 3.8 | .9 | .1 | | | | | | | | 8.0 | 4.4 |
| NE | 1.2 | 1.7 | 1.1 | | | | | | | | | 4.0 | 5.1 |
| ENE | 1.6 | 1.1 | .1 | | | | | | | | | 2.8 | 3.3 |
| E | 3.2 | 4.8 | .8 | .3 | | | | | | | | 9.0 | 4.4 |
| ESE | 3.7 | 8.1 | 4.4 | 1.9 | | | | | | | | 18.0 | 5.9 |
| SE | 1.9 | 5.8 | 3.2 | 1.3 | .4 | | | | | | | 12.6 | 6.6 |
| SSE | 1.3 | 2.3 | 1.5 | | | | | | | | | 5.0 | 5.2 |
| S | 1.2 | .3 | | | | | | | | | | 1.5 | 2.7 |
| SSW | .5 | .8 | | | | | | | | | | 1.3 | 3.7 |
| SW | .1 | | | | | | | | | | | .1 | 1.0 |
| WSW | .1 | .3 | | | | | | | | | | .4 | 4.5 |
| W | .1 | 1.1 | .1 | | | | | | | | | 1.3 | 4.4 |
| WNW | .7 | 1.2 | 1.1 | | .3 | | | | | | | 3.2 | 6.6 |
| NW | 1.1 | 1.9 | .7 | | .1 | | | | | | | 3.7 | 5.2 |
| NNW | 1.9 | 1.1 | 2.0 | 1.7 | .7 | .1 | | | | | | 7.4 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.7 | |
| | 24.0 | 36.6 | 18.6 | 6.0 | 1.9 | .3 | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 754

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
ETAC
AI EATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70.73-81 (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 | 2.4 | 2.7 | 2.1 | 1.9 | .5 | .2 | | | | | | 9.7 | 7.7 |
| NNE | 1.7 | 1.8 | .6 | .3 | | | | | | | | 4.3 | 4.7 |
| NE | 1.2 | 1.0 | .3 | .1 | | | | | | | | 2.6 | 4.3 |
| ENE | .9 | .9 | .2 | | | | | | | | | 2.1 | 4.0 |
| E | 2.2 | 3.8 | 1.2 | .2 | | | | | | | | 7.4 | 4.8 |
| ESE | 2.2 | 5.2 | 4.7 | 1.4 | | | | | | | | 13.4 | 6.5 |
| SE | 1.6 | 4.7 | 5.3 | 1.9 | .1 | | | | | | | 13.6 | 7.1 |
| SSE | 1.3 | 2.5 | 2.5 | 1.2 | .1 | | | | | | | 7.5 | 7.0 |
| S | 1.2 | .8 | .3 | .0 | | | | | | | | 2.4 | 4.1 |
| SSW | .5 | .4 | .0 | .0 | | | | | | | | .9 | 3.6 |
| SW | .2 | .1 | .0 | | | | | | | | | .4 | 3.2 |
| WSW | .3 | .3 | | .0 | | | | | | | | .6 | 3.6 |
| W | .8 | .8 | .2 | .1 | .0 | .0 | | | | | | 1.9 | 4.6 |
| WNW | 1.2 | 1.8 | 1.0 | .4 | .2 | .2 | | .0 | | | | 4.8 | 7.2 |
| NW | 1.2 | 2.2 | 2.0 | 1.3 | .4 | .1 | .0 | | | | | 7.2 | 6.1 |
| NNW | 1.3 | 1.4 | 2.3 | 2.8 | .9 | .3 | .0 | .0 | | | | 9.1 | 10.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.0 | |
| | 20.3 | 30.4 | 22.7 | 11.7 | 2.1 | .8 | .1 | .0 | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 6433

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (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 | 2.6 | 2.6 | 2.0 | .3 | .7 | | | | | | | 8.2 | 6.5 |
| NNE | 3.5 | 3.0 | .8 | .7 | .2 | | | | | | | 8.1 | 4.9 |
| NE | 2.0 | 1.2 | .3 | | | | | | | | | 3.5 | 3.6 |
| ENE | 1.8 | .8 | | | | | | | | | | 2.6 | 2.9 |
| E | 3.3 | 5.3 | 1.3 | .3 | | | | | | | | 10.2 | 4.6 |
| ESE | 4.0 | 7.9 | 6.6 | 2.0 | | | | | | | | 20.4 | 6.3 |
| SE | 3.6 | 5.1 | 6.4 | 1.8 | .2 | | | | | | | 17.1 | 6.4 |
| SSE | .7 | 1.6 | .7 | .2 | | | | | | | | 3.1 | 5.3 |
| S | .8 | 1.2 | .2 | | | | | | | | | 2.1 | 4.2 |
| SSW | .3 | .2 | | | | | | | | | | .5 | 3.0 |
| SW | | | | | | | | | | | | | |
| WSW | .2 | | | | | | | | | | | .2 | 2.0 |
| W | .8 | .5 | .2 | | | | | | | | | 1.5 | 3.8 |
| WNW | | 1.5 | .2 | .2 | | .3 | | | | | | 2.1 | 8.7 |
| NW | .2 | 1.5 | 1.3 | .3 | .2 | | | | | | | 3.5 | 7.2 |
| NNW | .5 | 1.3 | 1.3 | 1.2 | .2 | .3 | | | | | | 4.8 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.0 | |
| | 24.2 | 33.6 | 21.3 | 6.9 | 1.3 | .7 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 607

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

72...15 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (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 | 1.8 | 3.3 | 1.1 | 1.1 | .5 | | | | | | | 7.9 | 6.9 |
| NNE | 3.3 | 3.0 | .8 | .5 | | | | | | | | 7.6 | 4.4 |
| NE | 1.3 | 1.6 | .3 | | | | | | | | | 3.3 | 3.9 |
| ENE | 1.6 | 2.3 | | | | | | | | | | 3.9 | 3.7 |
| E | 3.0 | 6.1 | 3.3 | .5 | | | | | | | | 12.8 | 5.4 |
| ESE | 7.3 | 7.4 | 5.7 | .8 | | | | | | | | 17.2 | 5.9 |
| SE | 1.1 | 6.4 | 5.9 | 1.6 | | | | | | | | 15.1 | 7.7 |
| SSE | .2 | .7 | .2 | .2 | | | | | | | | 1.1 | 6.1 |
| S | .3 | .2 | | | | | | | | | | .5 | 3.3 |
| SSW | .3 | .2 | | | | | | | | | | .5 | 2.3 |
| SW | .5 | | | | | | | | | | | .5 | 2.7 |
| WSW | .3 | | | | | | | | | | | .3 | 1.5 |
| W | .2 | .5 | | | | | | | | | | .7 | 5.0 |
| WNW | .5 | 1.1 | .8 | .3 | | | | | | | | 2.8 | 6.4 |
| NW | 1.0 | 3.6 | .8 | .7 | .2 | .2 | | | | | | 6.4 | 6.8 |
| NNW | 1.0 | 2.0 | 2.1 | 1.8 | | .2 | | | | | | 7.1 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 19.7 | 38.3 | 21.2 | 7.6 | .7 | .3 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 609

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

7[illegible]16 LAUGHLIN AFB TX 70,73-81 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 0630-0830
CLASS 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 | 2.0 | 1.7 | 1.7 | .1 | | | | | | | 8.4 | 6.7 |
| NNE | 3.3 | .7 | .4 | .4 | | | | | | | | 4.8 | 3.8 |
| NE | .9 | .7 | | | | | | | | | | 1.6 | 3.7 |
| ENE | 1.7 | 1.6 | .2 | | | | | | | | | 3.6 | 3.9 |
| E | 4.7 | 8.6 | 2.1 | .6 | | | | | | | | 16.0 | 4.8 |
| ESE | 2.3 | 5.3 | 5.7 | .6 | | | | | | | | 14.0 | 6.3 |
| SE | .7 | 5.2 | 4.8 | .6 | | | | | | | | 11.4 | 6.8 |
| SSE | .5 | .4 | .6 | .2 | | | | | | | | 1.7 | 6.3 |
| S | .6 | .1 | | | | | | | | | | .7 | 2.3 |
| SSW | .1 | .1 | | | | | | | | | | .2 | 4.0 |
| SW | .2 | | | | | | | | | | | .2 | 2.5 |
| WSW | .4 | .1 | | | | | | | | | | .5 | 2.3 |
| W | .6 | .4 | .1 | | | | | | | | | 1.1 | 3.4 |
| WNW | 1.5 | 1.9 | .5 | .4 | .1 | .2 | .1 | | | | | 4.7 | 7.0 |
| NW | 1.5 | 3.0 | 1.1 | .6 | .1 | | | | | | | 6.3 | 5.9 |
| NNW | 2.0 | 1.2 | 2.2 | 1.6 | .4 | | | | | | | 7.4 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.3 | |
| | 24.0 | 31.4 | 19.5 | 6.8 | .7 | .2 | .1 | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...FETAC
A... EATHER SERVICE/MAC

# SURFACE WINDS

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

72251 (STATION) LAUGHLIN AFB TX (STATION NAME) 73-81 (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 | .7 | 1.1 | 1.8 | 2.3 | .6 | | | | | | | 6.5 | 10.2 |
| NNE | .5 | .2 | .5 | .4 | | | | | | | | 1.6 | 7.5 |
| NE | .4 | .8 | .4 | .1 | | | | | | | | 1.7 | 5.4 |
| ENE | .2 | .2 | | | | | | | | | | .5 | 3.5 |
| E | 1.0 | 2.3 | 1.2 | | | | | | | | | 4.4 | 5.3 |
| ESE | 2.5 | 5.1 | 6.3 | 2.2 | | | | | | | | 16.2 | 6.9 |
| SE | 1.4 | 6.2 | 8.7 | 3.4 | | | | | | | | 19.8 | 7.5 |
| SSE | 1.1 | 3.8 | 4.3 | 1.0 | | | | | | | | 10.2 | 6.9 |
| S | .6 | .6 | .7 | | | | | | | | | 1.9 | 5.1 |
| SSW | .2 | | .2 | | | | | | | | | .5 | 4.8 |
| SW | .1 | | | | | | | | | | | .1 | 2.0 |
| WSW | .6 | .1 | | | | | | | | | | .7 | 2.2 |
| W | 1.0 | 1.2 | .2 | | | | | | | | | 2.4 | 4.3 |
| WNW | .8 | 1.9 | 1.0 | .2 | .2 | .1 | | | | | | 4.3 | 6.7 |
| NW | .8 | 1.2 | 1.6 | 2.6 | .8 | .2 | .4 | | | | | 7.7 | 11.6 |
| NNW | .4 | 1.2 | 2.6 | 3.6 | .8 | .4 | | | | | | 9.0 | 11.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.7 | |
| | 12.3 | 26.1 | 29.6 | 15.7 | 2.5 | .7 | .4 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 835

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...EAL CLIMATOLOGY BRANCH
...FLTAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

...2-1... LAUGHLIN AFB TX — 73-81 — FEB
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1200-1400
CLASS — 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 | 1.9 | 1.4 | .8 | .4 | | | | | | 5.9 | 10.9 |
| NNE | .1 | .4 | .7 | .1 | | | | | | | | 1.3 | 7.9 |
| NE | | .1 | .1 | .2 | | | | | | | | .5 | 9.0 |
| ENE | .2 | .4 | | | | | | | | | | .6 | 4.0 |
| E | .7 | .7 | .5 | | | | | | | | | 1.9 | 5.1 |
| ESE | .9 | 3.1 | 2.7 | 1.9 | | | | | | | | 8.7 | 7.4 |
| SE | 2.0 | 5.0 | 8.9 | 3.7 | | | | | | | | 19.6 | 7.9 |
| SSE | 1.4 | 3.0 | 7.0 | 4.3 | .1 | | | | | | | 15.8 | 6.6 |
| S | 1.1 | 3.3 | 2.1 | .5 | | | | | | | | 7.0 | 6.4 |
| SSW | .6 | .4 | | | | | | | | | | .9 | 3.4 |
| SW | .4 | .2 | | | | | | | | | | .6 | 3.5 |
| WSW | .6 | .4 | .1 | | | | | | | | | 1.1 | 3.2 |
| W | .3 | .8 | .6 | | .2 | .1 | | | | | | 2.6 | 6.8 |
| WNW | .9 | 1.3 | 1.3 | .4 | .1 | .6 | | | | | | 4.6 | 9.1 |
| NW | .8 | 1.8 | 1.9 | 3.1 | .7 | .7 | .4 | | | | | 9.4 | 11.7 |
| NNW | .7 | 1.3 | 2.8 | 3.8 | 2.3 | .4 | | | | | | 11.3 | 11.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.3 | |
| | 12.0 | 22.9 | 30.7 | 19.3 | 4.3 | 2.1 | .4 | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 343

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

# SURFACE WINDS

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

72215 LAUGHLIN AFB TX 70-73-81 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
CLASS 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 | 1.5 | 2.9 | 2.9 | 1.3 | .2 | | | | | | 9.9 | 10.3 |
| NNE | .7 | .4 | .7 | .4 | | | | | | | | 2.1 | 6.5 |
| NE | .4 | .2 | .4 | .1 | | | | | | | | 1.1 | 5.3 |
| ENE | .2 | .2 | .1 | | | | | | | | | 1.2 | 3.2 |
| E | .7 | .8 | .6 | .4 | | | | | | | | 2.7 | 6.4 |
| ESE | 1.0 | 2.3 | 4.3 | 2.7 | | | | | | | | 10.3 | 8.3 |
| SE | 1.4 | 4.1 | 7.4 | 4.1 | .2 | | | | | | | 17.2 | 8.3 |
| SSE | 2.0 | 2.0 | 8.8 | 5.6 | .5 | | | | | | | 19.0 | 9.2 |
| S | 1.7 | 1.3 | 2.1 | 1.0 | | | | | | | | 6.1 | 6.6 |
| SSW | .8 | .4 | | | | | | | | | | 1.2 | 3.1 |
| SW | .2 | .1 | | | | | | | | | | .4 | 3.7 |
| WSW | .2 | .2 | | | | | | | | | | .5 | 3.3 |
| W | .1 | .7 | .1 | .1 | | | | | | | | 1.1 | 6.0 |
| WNW | .8 | .8 | .7 | 1.0 | .6 | .1 | | | | | | 4.1 | 9.6 |
| NW | .2 | .7 | 2.0 | 1.9 | 1.2 | .4 | | | | | | 6.4 | 12.3 |
| NNW | .5 | 1.2 | 2.4 | 3.2 | 1.5 | .2 | | | | | | 9.1 | 12.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.9 | |
| | 12.8 | 17.0 | 32.8 | 23.2 | 5.4 | 1.0 | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 839

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) FEB (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 | 2.3 | 2.9 | 2.1 | .8 | | | | | | | 12.0 | 8.4 |
| NNE | 1.7 | 1.2 | .4 | .5 | | | | | | | | 3.5 | 5.7 |
| NE | .5 | .4 | .1 | | | | | | | | | 1.1 | 4.1 |
| ENE | .3 | .5 | | | | | | | | | | 1.3 | 3.1 |
| E | 2.4 | 3.1 | 2.1 | .3 | | | | | | | | 7.8 | 5.2 |
| ESE | 1.9 | 4.1 | 4.1 | 1.6 | | | | | | | | 11.7 | 6.7 |
| SE | 2.3 | 9.6 | 7.6 | 2.3 | | | | | | | | 21.7 | 6.7 |
| SSE | 1.6 | 4.7 | 3.9 | .9 | | | | | | | | 11.0 | 6.6 |
| S | 2.9 | 1.6 | .4 | | | | | | | | | 4.0 | 3.7 |
| SSW | 1.2 | .3 | | | | | | | | | | 1.5 | 2.7 |
| SW | .4 | .1 | | | | | | | | | | .5 | 2.5 |
| WSW | .3 | .4 | | | | | | | | | | .7 | 3.2 |
| W | .4 | .4 | .3 | | | | | | | | | 1.1 | 4.5 |
| WNW | .7 | .8 | .5 | .4 | .3 | | | | | | | 2.7 | 7.8 |
| NW | 1.2 | 1.1 | .4 | .3 | .1 | | .1 | | | | | 3.2 | 6.5 |
| NNW | .9 | 1.1 | 2.1 | 1.3 | .3 | | | | | | | 5.6 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.8 | |
| | 19.5 | 31.5 | 24.9 | 9.7 | 1.5 | | .1 | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 752

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

# SURFACE WINDS

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

72265 (STATION) LAUGHLIN AFB TX (STATION NAME) 70-73,75-81 (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 | 2.2 | 2.5 | 3.2 | 1.0 | .3 | | | | | | | 9.9 | 6.4 |
| NNE | 1.6 | 2.6 | .4 | .8 | .1 | | | | | | | 5.6 | 5.5 |
| NE | .8 | 2.1 | .7 | | | | | | | | | 3.6 | 4.8 |
| ENE | 1.4 | .5 | .1 | | | | | | | | | 2.1 | 3.5 |
| E | 2.1 | 3.4 | 1.8 | .1 | | | | | | | | 7.4 | 5.2 |
| ESE | 3.6 | 8.4 | 4.3 | .8 | | | | | | | | 17.0 | 5.4 |
| SE | 3.8 | 8.8 | 5.2 | 1.9 | | | | | | | | 19.8 | 6.0 |
| SSE | 1.6 | 3.6 | 1.5 | .1 | | | | | | | | 7.0 | 4.7 |
| S | 1.8 | 1.0 | .1 | | | | | | | | | 2.9 | 3.4 |
| SSW | .7 | | .1 | | | | | | | | | .8 | 3.3 |
| SW | .3 | | | | | | | | | | | .3 | 2.5 |
| WSW | .3 | | | | | | | | | | | .3 | 2.5 |
| W | .5 | .1 | .3 | | | | | | | | | 1.0 | 4.4 |
| WNW | .7 | 1.0 | .3 | | | | | | | | | 1.9 | 4.9 |
| NW | .7 | .4 | .4 | .7 | | .3 | | | | | | 2.5 | 9.4 |
| NNW | .4 | .8 | 1.6 | .4 | .1 | .3 | | | | | | 3.7 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.3 | |
| | 23.8 | 35.2 | 19.8 | 5.9 | .5 | .5 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 728

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 STATION | LAUGHLIN AFB TX STATION NAME | 70,73-81 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 | 1.8 | 1.9 | 2.2 | 1.7 | .6 | .1 | | | | | | 8.3 | 6.3 |
| NNE | 1.7 | 1.3 | .6 | .4 | .0 | | | | | | | 4.0 | 5.2 |
| NE | .7 | .8 | .3 | .1 | | | | | | | | 1.9 | 4.5 |
| ENE | 1.0 | .8 | .1 | | | | | | | | | 1.9 | 3.5 |
| E | 2.1 | 3.6 | 1.6 | .3 | | | | | | | | 7.6 | 5.1 |
| ESE | 2.4 | 5.2 | 4.9 | 1.6 | | | | | | | | 14.1 | 6.5 |
| SE | 2.0 | 6.2 | 7.0 | 2.5 | .0 | | | | | | | 17.7 | 7.1 |
| SSE | 1.2 | 2.5 | 3.6 | 1.7 | .1 | | | | | | | 9.1 | 7.6 |
| S | 1.1 | 1.2 | .8 | .2 | | | | | | | | 3.3 | 5.3 |
| SSW | .5 | .2 | .0 | | | | | | | | | .8 | 3.2 |
| SW | .3 | .1 | | | | | | | | | | .3 | 2.8 |
| WSW | .4 | .2 | .0 | | | | | | | | | .5 | 2.7 |
| W | .6 | .6 | .2 | .0 | .0 | .0 | | | | | | 1.5 | 5.0 |
| WNW | .8 | 1.3 | .7 | .4 | .2 | .2 | .0 | | | | | 3.5 | 7.7 |
| NW | .8 | 1.6 | 1.2 | 1.4 | .4 | .2 | .1 | | | | | 5.8 | 9.6 |
| NNW | .8 | 1.2 | 2.2 | 2.2 | .8 | .2 | | | | | | 7.4 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.1 | |
| | 18.1 | 28.9 | 25.4 | 12.4 | 2.2 | .7 | .1 | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 6023

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 22645 | LAUGHLIN AFB TX | 70,73,75-81 | MAR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 2.8 | 2.7 | 1.5 | .1 | | | | | | | 10.0 | 6.6 |
| NNE | 2.7 | 3.5 | .6 | .7 | | | | | | | | 7.4 | 4.9 |
| NE | 1.7 | 2.4 | .3 | .1 | | | | | | | | 4.5 | 4.2 |
| ENE | 1.1 | .7 | .3 | .1 | | | | | | | | 2.2 | 4.4 |
| E | 1.8 | 4.1 | 1.5 | | | | | | | | | 7.4 | 4.8 |
| ESE | 2.1 | 7.0 | 8.6 | 3.8 | .3 | | | | | | | 21.7 | 7.8 |
| SE | 1.7 | 4.6 | 7.9 | 4.3 | .4 | | | | | | | 18.9 | 8.5 |
| SSE | 1.5 | 2.1 | 1.0 | .1 | | | | | | | | 4.8 | 4.8 |
| S | 1.0 | .7 | .3 | | | | | | | | | 2.0 | 4.2 |
| SSW | .4 | .3 | .1 | .1 | | | | | | | | 1.0 | 5.4 |
| SW | .4 | .1 | | | | | | | | | | .6 | 3.0 |
| WSW | .4 | .1 | | | | | | | | | | .6 | 3.0 |
| W | .4 | .3 | .1 | | | | | | | | | .8 | 4.2 |
| WNW | .3 | .8 | .1 | .1 | | | | | | | | 1.4 | 5.0 |
| NW | .7 | 1.5 | .4 | .1 | | .1 | | | | | | 2.9 | 5.7 |
| NNW | .3 | 1.0 | 1.0 | 1.3 | | | | | | | | 3.5 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.2 | |
| | 19.4 | 32.1 | 24.8 | 12.5 | .8 | .1 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 713

3478

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722613 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (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 | 3.0 | 2.8 | 1.7 | 1.7 | .3 | .4 | | | | | | 9.8 | 6.9 |
| NNE | 2.5 | 2.5 | .7 | | | | | | | | | 5.7 | 4.2 |
| NE | 1.2 | 1.1 | .6 | .1 | | | | | | | | 3.0 | 4.9 |
| ENE | 1.7 | .7 | .3 | | | | | | | | | 2.6 | 3.6 |
| E | 1.8 | 5.9 | 2.2 | | | | | | | | | 9.9 | 5.1 |
| ESE | 2.3 | 9.3 | 9.9 | 1.2 | | | | | | | | 22.5 | 6.7 |
| SE | 1.0 | 4.3 | 6.8 | 3.0 | .1 | | | | | | | 15.2 | 7.9 |
| SSE | .6 | .8 | 1.5 | | | | | | | | | 2.9 | 6.7 |
| S | .6 | .7 | .4 | .1 | | | | | | | | 1.8 | 5.2 |
| SSW | .3 | .1 | | | | | | | | | | .4 | 3.0 |
| SW | .3 | | .1 | | | | | | | | | .4 | 4.0 |
| WSW | | | | | | | | | | | | | |
| W | .7 | .6 | | .3 | | | | | | | | 1.5 | 4.9 |
| WNW | .6 | .7 | .4 | .3 | | | | | | | | 1.9 | 6.2 |
| NW | 1.0 | 2.6 | .3 | | .3 | .1 | | | | | | 4.3 | 6.1 |
| NNW | .8 | 2.6 | 2.1 | 1.8 | .1 | | | | | | | 7.5 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.5 | |
| | 15.2 | 34.4 | 26.9 | 8.6 | .8 | .6 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 724

USAFETAC FORM AK 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (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 | 2.2 | 1.7 | 1.7 | 1.6 | .3 | | | | | | | 7.4 | 7.1 |
| NNE | 2.7 | 1.1 | .6 | .2 | .1 | | | | | | | 4.7 | 4.5 |
| NE | 1.0 | 1.1 | .4 | | | | | | | | | 2.6 | 4.4 |
| ENE | 1.3 | .8 | .1 | | | | | | | | | 2.2 | 3.4 |
| E | 3.0 | 5.8 | 3.6 | .1 | | .1 | | | | | | 12.6 | 5.4 |
| ESE | 1.6 | 6.9 | 9.2 | 1.6 | | | | | | | | 19.2 | 7.2 |
| SE | .8 | 4.2 | 8.3 | 1.7 | | | | | | | | 15.0 | 7.7 |
| SSE | .6 | .9 | 1.2 | .1 | | | | | | | | 2.8 | 6.5 |
| S | .4 | .4 | .3 | .1 | | | | | | | | 1.3 | 5.0 |
| SSW | .4 | .1 | | | | | | | | | | .6 | 2.6 |
| SW | .2 | .1 | .1 | | | | | | | | | .4 | 4.3 |
| WSW | | .2 | | | | | | | | | | .2 | 4.0 |
| W | .3 | .2 | | .1 | | | | | | | | .7 | 4.7 |
| WNW | .9 | 1.7 | .9 | .7 | | | | | | | | 4.1 | 6.3 |
| NW | 1.3 | 3.8 | 2.0 | .4 | .1 | .1 | | | | | | 7.8 | 6.2 |
| NNW | 1.7 | 2.2 | 1.7 | 2.0 | .1 | | | | | | | 7.7 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.8 | |
| | 18.4 | 31.2 | 30.1 | 8.6 | .7 | .2 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 900

3479

USAFETAC FORM AUG 80 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | .9 | 2.5 | 1.8 | 2.4 | .2 | .1 | | | | | | 7.9 | 8.8 |
| NNE | .9 | .6 | .6 | .1 | | | | | | | | 2.3 | 5.2 |
| NE | .2 | .1 | .6 | .1 | | | | | | | | 1.1 | 6.8 |
| ENE | .9 | .2 | .2 | .1 | | | | | | | | 1.4 | 3.9 |
| E | .5 | 1.7 | 1.2 | .1 | | | | | | | | 3.5 | 5.6 |
| ESE | 1.4 | 2.5 | 5.4 | 1.9 | .1 | | | | | | | 11.4 | 7.8 |
| SE | 1.2 | 4.5 | 10.4 | 7.0 | .2 | | | | | | | 23.4 | 9.0 |
| SSE | .9 | 3.2 | 5.8 | 4.5 | .4 | | | | | | | 14.9 | 9.2 |
| S | .8 | 1.3 | 1.0 | | | | | | | | | 3.0 | 5.6 |
| SSW | .2 | .4 | | | | | | | | | | .6 | 3.2 |
| SW | .4 | .1 | | | | | | | | | | .5 | 2.0 |
| WSW | .6 | .2 | | .1 | | | | | | | | 1.0 | 3.8 |
| W | .4 | .4 | .2 | .3 | | | | | | | | 1.4 | 6.6 |
| WNW | .6 | 1.0 | 1.2 | .5 | .2 | | | | | | | 3.6 | 7.7 |
| NW | .9 | 1.5 | 2.5 | 2.3 | .8 | .1 | | | | | | 8.0 | 9.9 |
| NNW | .5 | 1.6 | 2.7 | 2.6 | 1.4 | .3 | | | | | | 9.2 | 11.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 6.8 | |
| | 11.4 | 22.1 | 33.7 | 22.2 | 3.4 | .5 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 925

...AL CLIMATOLOGY BRANCH
...LTAC
...EATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 7C-73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOUR (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 | 1.1 | 1.8 | 1.5 | .6 | | | | | | | 5.7 | 9.3 |
| NNE | .4 | .9 | .2 | .2 | | | | | | | | 1.7 | 5.7 |
| NE | .5 | .6 | .2 | | | | | | | | | 1.4 | 4.5 |
| ENE | .5 | .6 | .2 | | | | | | | | | 1.4 | 4.2 |
| E | 1.2 | 1.0 | .9 | .4 | | | | | | | | 3.4 | 5.7 |
| ESE | .4 | 1.8 | 4.7 | 1.5 | .1 | | | | | | | 8.6 | 8.6 |
| SE | .3 | 2.9 | 7.2 | 6.9 | .9 | | | | | | | 18.2 | 10.0 |
| SSE | .9 | 2.9 | 6.5 | 6.6 | .6 | .2 | | | | | | 17.6 | 10.0 |
| S | 1.2 | 2.5 | 2.7 | 1.2 | .2 | .1 | | | | | | 7.8 | 7.9 |
| SSW | .2 | .6 | | .1 | | | | | | | | 1.0 | 4.8 |
| SW | .2 | .3 | | | | | | | | | | .5 | 4.0 |
| WSW | .2 | .2 | .2 | .1 | | | | | | | | .8 | 6.0 |
| W | 1.3 | .9 | .2 | .4 | | | | | | | | 2.8 | 5.6 |
| WNW | .5 | .2 | .9 | 1.0 | .6 | .1 | | | | | | 3.3 | 11.1 |
| NW | .2 | 1.0 | 2.6 | 4.4 | 1.4 | .1 | | | | | | 9.7 | 12.2 |
| NNW | .4 | 1.6 | 3.2 | 3.8 | 1.1 | .5 | | | | | | 10.6 | 11.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.4 | |
| | 9.2 | 19.1 | 31.5 | 28.1 | 5.6 | 1.1 | | | | | | 100.0 | 8.9 |

TOTAL NUMBER OF OBSERVATIONS 930

3480

USAFETAC FORM AIL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | .5 | 1.1 | 3.1 | 3.1 | .6 | | | | | | | 8.5 | 10.3 |
| NNE | .3 | .9 | .8 | | | | | | | | | 1.9 | 5.8 |
| NE | .8 | .5 | .2 | .1 | | .1 | | | | | | 1.7 | 5.8 |
| ENE | .9 | .8 | .6 | .1 | | | | | | | | 2.4 | 4.9 |
| E | 1.2 | 1.2 | 1.9 | .4 | | | | | | | | 4.8 | 6.3 |
| ESE | 1.1 | 2.7 | 5.3 | 3.0 | .4 | | | | | | | 12.5 | 6.7 |
| SE | 1.2 | 2.7 | 8.5 | 7.7 | .6 | | | | | | | 20.7 | 10.0 |
| SSE | .5 | 2.5 | 4.8 | 6.8 | 1.9 | .3 | | | | | | 16.8 | 11.2 |
| S | .9 | 1.4 | 2.1 | 1.1 | .2 | | | | | | | 5.6 | 7.7 |
| SSW | .3 | | .1 | | | | | | | | | .4 | 4.3 |
| SW | .2 | .2 | | | | | | | | | | .4 | 3.0 |
| WSW | .6 | .6 | | .1 | | | | | | | | 1.4 | 4.2 |
| W | .2 | .3 | .2 | .1 | .3 | .1 | | | | | | 1.3 | 11.3 |
| WNW | .2 | .4 | .9 | 1.1 | .5 | .4 | | | | | | 3.6 | 12.3 |
| NW | .3 | .6 | 1.3 | 2.3 | .6 | .3 | .1 | | | | | 5.6 | 12.4 |
| NNW | .1 | 1.3 | 2.3 | 3.6 | 1.6 | .1 | | | | | | 9.0 | 11.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 9.4 | 17.3 | 32.1 | 29.5 | 7.0 | 1.4 | .1 | | | | | 100.0 | 9.4 |

TOTAL NUMBER OF OBSERVATIONS 926

...AL CLIMATOLOGY BRANCH
...TAC
A... FATHER SERVICE/MAC

# SURFACE WINDS

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

?????? (STATION) LAUGHLIN AFB TX (STATION NAME) 70-73-81 (YEARS) MAR (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 | .6 | 3.1 | 3.9 | 2.6 | .4 | .4 | | | | | | 10.9 | 9.2 |
| NNE | .8 | 1.7 | .9 | .2 | .1 | | | | | | | 3.8 | 6.3 |
| NE | 1.1 | .6 | .2 | | | | | | | | | 1.9 | 4.3 |
| ENE | .9 | 1.8 | .1 | .1 | | | | | | | | 3.0 | 4.3 |
| E | 2.5 | 4.9 | 2.4 | .1 | | | | | | | | 9.8 | 4.9 |
| ESE | 1.3 | 3.9 | 4.9 | 4.9 | | | | | | | | 14.9 | 8.5 |
| SE | 1.3 | 5.5 | 7.2 | 5.5 | .4 | | | | | | | 20.3 | 6.4 |
| SSE | 1.3 | 3.7 | 3.6 | 3.6 | .5 | | | | | | | 12.6 | 8.3 |
| S | 2.0 | 1.7 | .7 | .1 | .1 | | | | | | | 4.6 | 4.6 |
| SSW | .9 | .2 | .1 | | | | | | | | | 1.3 | 3.5 |
| SW | .5 | .1 | | | | | | | | | | .6 | 2.8 |
| WSW | .2 | .1 | | | | | | | | | | .4 | 3.0 |
| W | .5 | .6 | | .1 | | | | | | | | 1.2 | 4.8 |
| WNW | .1 | .7 | .6 | .7 | .2 | | | | | | | 2.4 | 9.4 |
| NW | .2 | .6 | .9 | 1.3 | .1 | .1 | | | | | | 3.3 | 10.1 |
| NNW | .2 | 2.1 | 1.2 | 1.3 | .1 | | .1 | | | | | 5.1 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 15.1 | 31.2 | 26.8 | 20.5 | 1.9 | .5 | .1 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 893

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3461

...AL CLIMATOLOGY BRANCH
...ETAC
A ...EATHER SERVICE/MAC

# SURFACE WINDS

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

7...15 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (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 | 1.8 | 3.8 | 2.2 | 1.2 | .1 | .1 | | | | | | 9.2 | 6.6 |
| NNE | 3.1 | 3.3 | 1.2 | .6 | | | | | | | | 8.2 | 4.9 |
| NE | 1.2 | 1.2 | .1 | .1 | | | | | | | | 2.6 | 4.0 |
| ENE | 1.6 | .7 | .6 | | | | | | | | | 2.9 | 4.3 |
| E | 1.7 | 4.7 | 2.2 | | | | | | | | | 8.5 | 5.2 |
| ESE | 3.0 | 7.0 | 7.0 | 5.5 | .7 | | | | | | | 23.3 | 6.1 |
| SE | 1.9 | 7.5 | 4.8 | 3.6 | .5 | | | | | | | 18.3 | 7.6 |
| SSE | 1.2 | 2.9 | 1.4 | .2 | .1 | | | | | | | 5.9 | 5.8 |
| S | 1.0 | .9 | .4 | .1 | | | | | | | | 2.3 | 4.9 |
| SSW | .7 | .4 | | | | | | | | | | 1.1 | 3.0 |
| SW | .6 | .5 | | | | | | | | | | 1.1 | 3.6 |
| WSW | .2 | .4 | | | | | | | | | | .6 | 4.3 |
| W | .1 | .1 | .2 | | | | | | | | | .5 | 5.3 |
| WNW | .7 | .5 | | | | | | | | | | 1.2 | 3.3 |
| NW | .4 | 1.1 | .6 | | .2 | .1 | | | | | | 2.4 | 7.9 |
| NNW | .6 | 1.1 | 1.1 | .6 | .1 | .1 | .1 | | | | | 3.7 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.4 | |
| | 19.7 | 36.0 | 21.7 | 11.9 | 1.8 | .4 | .1 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
LTAC
WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 1.5 | 2.3 | 2.4 | 2.0 | .4 | .1 | | | | | | 8.6 | 9.1 |
| NNE | 1.6 | 1.7 | .7 | .3 | .0 | | | | | | | 4.3 | 5.0 |
| NE | .9 | .9 | .3 | .1 | | .0 | | | | | | 2.3 | 4.7 |
| ENE | 1.1 | .8 | .3 | .1 | | | | | | | | 2.2 | 4.1 |
| E | 1.7 | 3.5 | 2.0 | .2 | | .0 | | | | | | 7.4 | 5.3 |
| ESE | 1.6 | 4.9 | 6.8 | 2.9 | .2 | | | | | | | 16.4 | 7.8 |
| SE | 1.2 | 4.5 | 7.7 | 5.1 | .4 | | | | | | | 18.8 | 8.6 |
| SSE | .9 | 2.4 | 3.4 | 2.9 | .5 | .1 | | | | | | 10.2 | 9.2 |
| S | 1.0 | 1.2 | 1.0 | .4 | .1 | .0 | | | | | | 3.7 | 6.4 |
| SSW | .4 | .3 | .0 | .0 | | | | | | | | .8 | 3.8 |
| SW | .4 | .2 | .0 | | | | | | | | | .6 | 3.3 |
| WSW | .3 | .3 | .1 | .0 | | | | | | | | .6 | 4.2 |
| W | .5 | .4 | .1 | .2 | .0 | .0 | | | | | | 1.3 | 6.2 |
| WNW | .5 | .8 | .6 | .6 | .2 | .1 | | | | | | 2.5 | 8.5 |
| NW | .6 | 1.6 | 1.4 | 1.5 | .5 | .1 | .0 | | | | | 5.7 | 9.5 |
| NNW | .6 | 1.7 | 1.9 | 2.2 | .6 | .1 | .0 | | | | | 7.2 | 10.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.2 | |
| | 14.8 | 27.4 | 28.7 | 18.2 | 2.9 | .6 | .0 | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 6798

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L CAL CLIMATOLOGY BRANCH
FETAC
A. WEATHER SERVICE/MAC

# SURFACE WINDS

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

22818 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0300-0600 (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 | 2.6 | .7 | .3 | .1 | | | | | | | 5.9 | 5.1 |
| NNE | 2.6 | 1.3 | .3 | .1 | | | | | | | | 4.4 | 3.8 |
| NE | 1.3 | .9 | .7 | .3 | .1 | | | | | | | 3.4 | 5.7 |
| ENE | .4 | 1.3 | .6 | .3 | | | | | | | | 2.3 | 6.2 |
| E | 2.5 | 4.5 | 3.9 | .9 | .3 | | | | | | | 12.0 | 6.3 |
| ESE | 1.9 | 7.9 | 13.6 | 7.8 | .6 | | | | | | | 31.8 | 8.7 |
| SE | 2.5 | 3.4 | 7.6 | 5.7 | .6 | .1 | | | | | | 20.1 | 7.9 |
| SSE | .7 | 1.9 | .9 | .6 | .1 | | | | | | | 4.2 | 6.3 |
| S | .4 | .3 | .6 | .1 | | | | | | | | 1.5 | 6.4 |
| SSW | | .1 | | .1 | | | | | | | | .3 | 8.5 |
| SW | .1 | .1 | | | | | | | | | | .3 | 4.0 |
| WSW | | | .1 | | | | | | | | | .1 | 9.0 |
| W | .1 | .5 | | .1 | | | | | | | | .9 | 6.5 |
| WNW | .3 | .6 | .4 | | | | | | | | | 1.3 | 5.3 |
| NW | .1 | .9 | .4 | .7 | | | | | | | | 2.2 | 8.6 |
| NNW | .1 | .7 | .7 | .6 | .6 | | | | | | | 2.8 | 10.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.6 | |
| | 15.5 | 26.9 | 30.6 | 17.7 | 2.5 | .1 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 680

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] SERVICE/MAC

# SURFACE WINDS

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

[illegible] 15 | LAUGHLIN AFB TX | 70,73,75-79 | FEB
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

[illegible]
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 | 1.7 | .4 | .6 | .3 | | | | | | | 5.5 | 5.5 |
| NNE | 2.7 | 1.4 | .4 | .1 | | .1 | | | | | | 4.7 | 4.5 |
| NE | .1 | .9 | .1 | .1 | .1 | | | | | | | 1.4 | 6.7 |
| ENE | 1.3 | 1.1 | .3 | | | | | | | | | 2.7 | 5.9 |
| E | 2.4 | 6.5 | 4.5 | .3 | | | | | | | | 13.6 | 5.6 |
| ESE | 1.6 | 8.9 | 14.9 | 4.5 | .4 | | | | | | | 29.5 | 6.1 |
| SE | 1.3 | 3.3 | 8.6 | 3.9 | | | | | | | | 17.1 | 6.3 |
| SSE | .6 | 1.3 | 1.1 | 1.0 | | | | | | | | 4.0 | 7.4 |
| S | .4 | .7 | | | | | | | | | | 1.1 | 3.9 |
| SSW | .2 | .1 | | | | | | | | | | .4 | 3.3 |
| SW | .1 | .3 | | | | | | | | | | .4 | 4.5 |
| WSW | | .1 | | | | | | | | | | .1 | 5.0 |
| W | | .6 | .1 | .1 | | | | | | | | .9 | 6.3 |
| WNW | .1 | .6 | .1 | | | | | | | | | .9 | 4.3 |
| NW | .7 | 1.7 | 1.0 | .4 | | | | | | | | 3.9 | 6.4 |
| NNW | 1.4 | 1.0 | 1.4 | 1.1 | .6 | | | | | | | 5.5 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | 15.7 | 29.7 | 32.8 | 12.2 | 1.4 | .1 | | | | | | 100.1 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 696

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

7221F — STATION
LAUGHLIN AFB TX — STATION NAME
70,73-81 — 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 | 1.4 | .9 | .5 | .8 | .3 | | | | | | | 3.9 | 7.5 |
| NNE | 1.1 | .9 | | .1 | .1 | | | | | | | 2.2 | 4.6 |
| NE | 1.3 | .7 | .2 | .1 | | | | | | | | 2.1 | 4.2 |
| ENE | .9 | .9 | .6 | | | | | | | | | 2.3 | 4.8 |
| E | 2.9 | 6.4 | 4.0 | .2 | | | | | | | | 13.4 | 5.4 |
| ESE | 1.9 | 6.9 | 14.4 | 3.4 | | | | | | | | 26.6 | 7.8 |
| SE | .8 | 4.8 | 11.6 | 4.5 | | | | | | | | 21.3 | 8.5 |
| SSE | 1.0 | .2 | 1.5 | .5 | | | | | | | | 3.2 | 6.5 |
| S | .1 | .5 | .1 | | | | | | | | | .7 | 5.3 |
| SSW | | .1 | | | | | | | | | | .1 | 5.0 |
| SW | .1 | | | | | | | | | | | .1 | 2.0 |
| WSW | .1 | | | | | | | | | | | .1 | 2.9 |
| W | .1 | .5 | | | | | | | | | | .9 | 4.8 |
| WNW | .3 | 1.4 | .5 | .1 | | | | | | | | 2.3 | 4.9 |
| NW | 1.1 | 2.2 | 1.6 | .6 | | | | | | | | 5.5 | 6.0 |
| NNW | .8 | 1.6 | 1.8 | 1.1 | .5 | | | | | | | 5.9 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.3 | |
| | 13.9 | 26.0 | 36.9 | 11.5 | .9 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 97...

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

# SURFACE WINDS

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

| (23917) | LAUGHLIN AFB TX | 70,73-81 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

CONDITION

0930-1100
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 | .7 | .7 | 1.6 | 1.6 | .6 | | | | | | | 4.7 | 10.3 |
| NNE | | .5 | .3 | .4 | .1 | | | | | | | 1.5 | 9.5 |
| NE | .4 | .6 | .3 | .2 | .1 | | | | | | | 1.7 | 6.5 |
| ENE | .6 | .3 | .1 | | | | | | | | | 1.0 | 4.1 |
| E | .6 | 2.0 | 2.1 | .7 | | | | | | | | 5.4 | 6.9 |
| ESE | .7 | 2.5 | 8.4 | 3.4 | | | | | | | | 14.9 | 8.4 |
| SE | 1.0 | 3.8 | 13.4 | 13.1 | | | | | | | | 31.3 | 9.8 |
| SSE | .5 | 2.3 | 6.1 | 5.6 | .3 | | | | | | | 15.2 | 9.5 |
| S | .5 | .9 | .8 | .3 | .1 | | | | | | | 2.9 | 6.7 |
| SSW | .2 | .3 | .1 | | | | | | | | | .7 | 3.8 |
| SW | .1 | | | | | | | | | | | .1 | 2.0 |
| WSW | | .2 | | | | | | | | | | .2 | 5.5 |
| W | .7 | .3 | .1 | .1 | | | | | | | | 1.2 | 4.4 |
| WNW | .1 | .3 | .7 | .1 | .3 | | | | | | | 2.0 | 9.3 |
| NW | .2 | 1.2 | 1.9 | 1.0 | .6 | | | | | | | 4.9 | 9.9 |
| NNW | .1 | 1.5 | 1.1 | 3.9 | .7 | .2 | | | | | | 7.5 | 11.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.9 | |
| | 4.6 | 18.0 | 37.1 | 30.4 | 2.8 | .2 | | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS 895

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[redacted]

[redacted]AL CLIMATOLOGY BRANCH
[redacted]FETAC
AI[redacted]EATHER SERVICE/MAC

# SURFACE WINDS

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

722515 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) APR (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 | .5 | 1.4 | 1.4 | 1.6 | .4 | .1 | | | | | | 5.8 | 9.3 |
| NNE | .3 | .9 | .7 | .2 | | | | | | | | 2.1 | 6.3 |
| NE | .2 | .7 | .4 | | | .1 | | | | | | 1.4 | 6.8 |
| ENE | .4 | .2 | .3 | .1 | .1 | | | | | | | 1.2 | 7.4 |
| E | .3 | 1.6 | 1.4 | .1 | | | | | | | | 3.4 | 6.2 |
| ESE | .4 | 2.2 | 6.2 | 2.2 | | | | | | | | 11.1 | 8.6 |
| SE | .6 | 3.4 | 9.6 | 12.3 | 1.0 | | | | | | | 26.9 | 10.6 |
| SSE | 1.2 | 2.1 | 7.2 | 9.4 | 1.9 | .1 | | | | | | 21.9 | 11.0 |
| S | .7 | 1.3 | 1.2 | .8 | | | | | | | | 4.0 | 7.7 |
| SSW | .1 | .6 | .6 | | | | | | | | | 1.2 | 6.3 |
| SW | .3 | .3 | .2 | | | | | | | | | .9 | 4.6 |
| WSW | | .1 | | | | | | | | | | .1 | 6.0 |
| W | .3 | .7 | .1 | | .1 | | | | | | | 1.2 | 5.8 |
| WNW | .6 | .3 | .8 | .7 | .2 | | | | | | | 2.6 | 8.7 |
| NW | .1 | .9 | 1.3 | 1.3 | .1 | | | | | | | 3.8 | 9.5 |
| NNW | .4 | 1.1 | 2.4 | 3.0 | 1.3 | .2 | | | | | | 8.6 | 11.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.8 | |
| | 6.9 | 17.8 | 34.0 | 31.8 | 5.2 | .6 | | | | | | 100.0 | 9.4 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[redacted]

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

72215 LAUGHLIN AFB TX 70,73-81 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
CLASS 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 | 2.3 | 3.2 | 1.6 | 1.1 | | | | | | | 9.1 | 9.2 |
| NNE | .3 | .9 | .8 | .1 | | | | | | | | 2.1 | 6.0 |
| NE | .1 | .8 | .3 | .2 | | | | | | | | 1.5 | 6.4 |
| ENE | .9 | .4 | .1 | .2 | .1 | | | | | | | 1.8 | 5.5 |
| E | .6 | 1.0 | 1.6 | .9 | | | | | | | | 4.0 | 7.7 |
| ESE | .7 | 2.9 | 7.6 | 5.5 | .3 | .1 | .1 | | | | | 17.2 | 9.8 |
| SE | 1.1 | 2.1 | 9.4 | 13.2 | .9 | .1 | | | | | | 26.8 | 11.0 |
| SSE | .3 | 2.3 | 5.4 | 6.3 | 1.9 | | | | | | | 16.2 | 11.1 |
| S | .9 | 1.7 | 1.1 | .8 | .4 | | | | | | | 4.9 | 7.9 |
| SSW | | .1 | | .2 | | | | | | | | .3 | 12.5 |
| SW | .3 | .2 | | | | | | | | | | .6 | 3.6 |
| WSW | .2 | .1 | .1 | | | | | | | | | .4 | 4.3 |
| W | .1 | .1 | .6 | | | | | | | | | .9 | 8.0 |
| WNW | .2 | .3 | .8 | .4 | | | | | | | | 1.8 | 9.6 |
| NW | .4 | .7 | .6 | 1.3 | .6 | .1 | | | | | | 3.7 | 11.0 |
| NNW | .8 | .9 | 1.0 | 2.2 | .7 | .1 | | | | | | 5.7 | 10.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 7.8 | 17.0 | 32.5 | 33.0 | 6.0 | .4 | .1 | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 695

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

...15 (STATION) LAUGHLIN AFB TX (STATION NAME) 73,73-81 (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 | .7 | 2.3 | 1.7 | 2.0 | .6 | .5 | | | | | | 7.9 | 6.2 |
| NNE | .5 | 1.6 | 1.1 | .5 | | | | | | | | 3.7 | 6.4 |
| NE | .9 | 1.4 | .6 | .4 | | | | | | | | 3.2 | 5.7 |
| ENE | .5 | .9 | .5 | | | | | | | | | 1.9 | 5.0 |
| E | 2.0 | 4.2 | 2.5 | .4 | | | | | | | | 9.0 | 5.5 |
| ESE | 1.8 | 6.6 | 9.3 | 8.7 | .4 | | | | | | | 26.5 | 8.8 |
| SE | 1.6 | 5.3 | 6.6 | 6.4 | 1.2 | | | | | | | 21.1 | 9.2 |
| SSE | 1.1 | 3.1 | 2.8 | 1.9 | .4 | | | | | | | 9.3 | 8.0 |
| S | 1.7 | 1.6 | .6 | .4 | | | | | | | | 4.3 | 5.0 |
| SSW | .6 | .2 | | | | | | | | | | .9 | 3.0 |
| SW | .4 | | .1 | | | | | | | | | .5 | 4.0 |
| WSW | .4 | .1 | | | | | | | | | | .5 | 3.3 |
| W | .4 | | | .1 | | | | | | | | .5 | 4.5 |
| WNW | | .1 | .2 | .1 | | | .1 | | | | | .6 | 13.6 |
| NW | .1 | .5 | .7 | .4 | .1 | | | | | | | 1.9 | 8.9 |
| NNW | .4 | .1 | .7 | .5 | .4 | | | | | | | 2.1 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.2 | |
| | 12.0 | 28.1 | 27.6 | 21.6 | 3.1 | .5 | .1 | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 609

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72265 LAUGHLIN AFB TX 70,73,75-81 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300
CLASS 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 | 1.6 | 1.9 | 1.6 | .3 | | | | | | | 5.8 | 8.6 |
| NNE | 1.8 | 2.9 | .5 | .6 | .1 | | | | | | | 5.9 | 5.4 |
| NE | 1.1 | 1.3 | .9 | .3 | | | | | | | | 3.5 | 5.5 |
| ENE | 1.3 | 1.0 | .1 | .1 | | | | | | | | 2.5 | 4.1 |
| E | 3.3 | 6.5 | 3.1 | 1.5 | .3 | .1 | | | | | | 14.8 | 6.3 |
| ESE | 2.8 | 8.9 | 12.8 | 8.0 | .5 | | | | | | | 32.9 | 8.3 |
| SE | 1.4 | 4.6 | 4.5 | 2.8 | .9 | | | | | | | 14.1 | 6.2 |
| SSE | 1.5 | 1.4 | .9 | .6 | .1 | | | | | | | 4.5 | 6.2 |
| S | .9 | .8 | .1 | | | | | | | | | 1.8 | 3.6 |
| SSW | .6 | .4 | | | | | | | | | | 1.0 | 3.1 |
| SW | .4 | | | | | | | | | | | .4 | 2.3 |
| WSW | | .3 | | | | | | | | | | .3 | 5.0 |
| W | .3 | | .1 | | | | | | | | | .4 | 5.5 |
| WNW | .3 | .4 | .6 | .1 | | | | | | | | 1.4 | 7.2 |
| NW | .1 | .3 | .1 | .3 | | | | | | | | .8 | 8.2 |
| NNW | .1 | .5 | .4 | .5 | .5 | | | | | | | 2.0 | 11.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.1 | |
| | 16.0 | 30.7 | 26.0 | 16.4 | 2.6 | .1 | | | | | | 100.8 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 799

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

22615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 1.1 | 1.7 | 1.5 | 1.3 | .5 | .1 | | | | | | 6.1 | 8.5 |
| NNE | 1.1 | 1.3 | .5 | .3 | .0 | .0 | | | | | | 3.2 | 5.5 |
| NE | .6 | .9 | .5 | .2 | .0 | .0 | | | | | | 2.2 | 5.8 |
| ENE | .8 | .7 | .3 | .1 | .0 | | | | | | | 1.9 | 5.3 |
| E | 1.7 | 4.0 | 2.7 | .6 | .1 | .0 | | | | | | 9.1 | 6.5 |
| ESE | 1.4 | 5.5 | 10.7 | 5.3 | .3 | .0 | .0 | | | | | 23.2 | 8.5 |
| SE | 1.2 | 3.8 | 9.0 | 8.0 | .6 | .0 | | | | | | 22.7 | 9.6 |
| SSE | .9 | 1.8 | 3.4 | 3.5 | .6 | .0 | | | | | | 10.3 | 9.6 |
| S | .7 | 1.0 | .6 | .3 | .1 | | | | | | | 2.7 | 6.4 |
| SSW | .2 | .3 | .1 | .0 | | | | | | | | .6 | 5.3 |
| SW | .? | .1 | .0 | | | | | | | | | .4 | 3.8 |
| WSW | .1 | .1 | .0 | | | | | | | | | .2 | 4.6 |
| W | .3 | .4 | .1 | .1 | .0 | | | | | | | .9 | 5.6 |
| WNW | .3 | .6 | .5 | .2 | .1 | | .0 | | | | | 1.7 | 7.5 |
| NW | .4 | 1.0 | 1.0 | .8 | .2 | .0 | | | | | | 3.4 | 8.5 |
| NNW | .5 | .9 | 1.2 | 1.7 | .7 | .1 | | | | | | 5.1 | 10.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.1 | |
| | 11.6 | 24.1 | 32.3 | 22.4 | 3.2 | .3 | .0 | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 6547

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
A EATHER SERVICE/MAC

# SURFACE WINDS

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

22015 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,75-81 (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 | 1.7 | 1.7 | .5 | .5 | | | | | | | | 4.1 | 5.2 |
| NNE | .9 | .9 | | .3 | | | | | | | | 2.1 | 4.7 |
| NE | .9 | 1.1 | .6 | .3 | | | | | | | | 2.9 | 5.6 |
| ENE | 1.5 | 2.1 | .8 | .2 | | | | | | | | 4.4 | 4.9 |
| E | 3.8 | 6.9 | 4.9 | 2.4 | | | | | | | | 18.0 | 6.3 |
| ESE | 2.9 | 8.4 | 10.1 | 4.4 | .5 | | | | | | | 26.3 | 7.7 |
| SE | 1.2 | 4.6 | 7.3 | 6.3 | .2 | | | | | | | 19.5 | 9.1 |
| SSE | .6 | 1.8 | 1.5 | .9 | .3 | | | | | | | 5.2 | 7.6 |
| S | .3 | .5 | .3 | .9 | | | | | | | | 2.0 | 8.6 |
| SSW | | .5 | .3 | | | | | | | | | .8 | 6.4 |
| SW | .2 | | .2 | | | | | | | | | .3 | 5.0 |
| WSW | .5 | .3 | | | | | | | | | | .8 | 2.8 |
| W | .2 | | .2 | | | | | | | | | .3 | 4.5 |
| WNW | | .6 | .2 | | | | | | | | | .8 | 5.6 |
| NW | .2 | .2 | .2 | .2 | | | | | | | | .6 | 6.5 |
| NNW | .8 | .2 | | .5 | | | | | | | | 1.4 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.5 | |
| | 15.4 | 29.5 | 26.9 | 16.8 | .9 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 655

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,75-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

0300-0500 (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 | .9 | .7 | 1.0 | .1 | .3 | | | | | | | 3.0 | 7.4 |
| NNE | 1.1 | .7 | | .1 | | | | | | | | 2.0 | 3.9 |
| NE | .6 | .3 | .9 | .1 | .1 | | | | | | | 2.0 | 7.3 |
| ENE | 1.9 | 2.0 | 1.4 | .1 | .1 | | | | | | | 5.6 | 5.4 |
| E | 3.6 | 9.3 | 5.4 | .7 | | .1 | | | | | | 19.1 | 5.8 |
| ESE | 2.0 | 8.3 | 11.4 | 3.7 | | | | | | | | 25.4 | 7.6 |
| SE | 1.4 | 3.7 | 8.4 | 5.0 | | | | | | | | 18.5 | 6.5 |
| SSE | .4 | 1.0 | 2.1 | .4 | .1 | | | | | | | 4.[illegible] | 8.1 |
| S | .4 | .9 | 1.0 | .3 | | .1 | | | | | | 2.[illegible] | 7.5 |
| SSW | .1 | .1 | .3 | | | | | | | | | .6 | 5.8 |
| SW | .3 | | | | | | | | | | | .3 | 1.5 |
| WSW | .1 | | | | | | | | | | | .1 | 3.0 |
| W | .3 | .1 | .1 | | | | | | | | | .6 | 4.8 |
| WNW | .6 | 1.1 | | .1 | | | | | | | | 1.9 | 4.2 |
| NW | .7 | .3 | .1 | .1 | | | | | | | | 1.3 | 4.6 |
| NNW | 1.1 | .3 | .3 | .1 | .1 | | | | | | | 2.0 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.0 | |
| | 15.5 | 28.8 | 32.5 | 11.1 | .9 | .3 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 702

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

# SURFACE WINDS

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

72218 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 600-1800 (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 | 1.4 | .8 | .5 | .1 | .2 | | | | | | 4.1 | 7.1 |
| NNE | .6 | .6 | .1 | .1 | | | | | | | | 1.4 | 4.8 |
| NE | .9 | .3 | .5 | .1 | .2 | | | | | | | 2.0 | 6.1 |
| ENE | 1.6 | .9 | .1 | | | | | | | | | 2.6 | 3.3 |
| E | 3.2 | 7.5 | 6.3 | .7 | | | | | | | | 17.6 | 5.9 |
| ESE | 1.9 | 6.7 | 13.5 | 3.2 | | | | | | | | 25.2 | 7.7 |
| SE | .8 | 5.3 | 12.1 | 3.7 | | | | | | | | 21.9 | 8.1 |
| SSE | .9 | 2.1 | 2.1 | .8 | | | | | | | | 5.5 | 7.7 |
| S | .6 | .8 | .8 | | | | | | | | | 2.1 | 5.4 |
| SSW | .1 | .1 | .1 | | | | | | | | | .3 | 5.3 |
| SW | | .1 | | | | | | | | | | .1 | 6.0 |
| WSW | .3 | | | | | | | | | | | .3 | 2.0 |
| W | | .2 | .1 | .1 | | | | | | | | .5 | 6.2 |
| WNW | .8 | .9 | .2 | | .1 | | | | | | | 2.0 | 5.1 |
| NW | .7 | 1.4 | .7 | .1 | | | | | | | | 2.9 | 5.5 |
| NNW | .7 | .9 | .6 | .7 | .2 | | | | | | | 3.1 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.0 | |
| | 13.7 | 29.2 | 38.0 | 10.0 | .7 | .2 | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 884

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72215 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (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 | .5 | .8 | 1.1 | 1.1 | .2 | | | | | | | 3.7 | .8 |
| NNE | .1 | .2 | .3 | .1 | .1 | | | | | | | 1.2 | 7.7 |
| NE | .5 | .5 | .3 | .1 | | | | | | | | 1.5 | 5.1 |
| ENE | .9 | .4 | .5 | | .1 | | | | | | | 2.0 | 5.8 |
| E | .9 | 1.9 | 2.7 | 1.1 | | | | | | | | 6.6 | 7.3 |
| ESE | 1.2 | 4.2 | 10.3 | 3.9 | | | | | | | | 19.6 | 8.2 |
| SE | 1.2 | 5.9 | 14.4 | 6.2 | .1 | | | | | | | 27.7 | 8.6 |
| SSE | 1.2 | 4.0 | 8.2 | 3.5 | .1 | | | | | | | 17.0 | 8.3 |
| S | 1.3 | 1.6 | 1.9 | .5 | | | | | | | | 5.4 | 6.2 |
| SSW | .7 | .1 | .3 | | | | | | | | | 1.1 | 4.2 |
| SW | | .3 | | | | | | | | | | .3 | 5.0 |
| WSW | .2 | .1 | .1 | | | | | | | | | .4 | 3.8 |
| W | .3 | .4 | | | | | | | | | | .8 | 3.9 |
| WNW | .2 | .4 | .3 | .4 | | | | | | | | 1.4 | 8.2 |
| NW | .2 | 1.2 | 1.2 | .8 | | | | | | | | 3.2 | 8.4 |
| NNW | .2 | 1.3 | 1.1 | .8 | .1 | | | | | | | 3.5 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 9.5 | 23.6 | 42.8 | 18.6 | .8 | | | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 916

...SAL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | .9 | .6 | 2.5 | 1.4 | .2 | | | | | | | 5.3 | 6.9 |
| NNE | .3 | .6 | .3 | .1 | .1 | | | | | | | 1.5 | 6.6 |
| NE | .5 | .3 | .3 | | | | | | | | | 1.2 | 4.7 |
| ENE | .5 | .5 | .9 | .1 | | | | | | | | 2.1 | 6.2 |
| E | 1.2 | 1.7 | 2.8 | .4 | | | | | | | | 6.2 | 6.5 |
| ESE | 1.3 | 3.9 | 7.5 | 4.7 | | | | | | | | 17.3 | 8.6 |
| SE | .9 | 5.5 | 10.7 | 7.9 | | | | | | | | 25.0 | 9.0 |
| SSE | .6 | 4.5 | 8.7 | 5.3 | | | | | | | | 19.2 | 8.9 |
| S | 1.6 | 1.8 | 1.7 | 1.5 | | | | | | | | 6.7 | 6.9 |
| SSW | .4 | | .1 | | | | | | | | | .5 | 3.0 |
| SW | .4 | .3 | .2 | | | | | | | | | 1.0 | 4.6 |
| WSW | .4 | .2 | | | | | | | | | | .6 | 2.8 |
| W | .2 | .3 | | | | | | | | | | .5 | 3.6 |
| WNW | .3 | .4 | .4 | .2 | | | | | | | | 1.4 | 6.7 |
| NW | .4 | .9 | 1.2 | .5 | | | | | | | | 3.0 | 7.5 |
| NNW | .3 | .6 | .6 | 1.3 | .2 | | | | | | | 3.1 | 9.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .3 | |
| | 10.2 | 22.5 | 38.0 | 23.5 | .5 | | | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 924

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...FETAC
...EATHER SERVICE/MAC

# SURFACE WINDS

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

...21... (STATION) ...LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (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 | .3 | 1.[illegible] | 2.1 | .9 | | | | | | | | 4.7 | [illegible] |
| NNE | .3 | .2 | .7 | .2 | | .1 | | | | | | 1.5 | 8.4 |
| NE | .[illegible] | .9 | .9 | | | | | | | | | 2.5 | 5.3 |
| ENE | .3 | 1.1 | 1.1 | .1 | | | | | | | | 3.6 | 6.9 |
| E | .[illegible] | 7.4 | 4.8 | 1.3 | .2 | | | | | | | 18.5 | 7.6 |
| ESE | 1.[illegible] | 3.[illegible] | [illegible].1 | 6.6 | .2 | | | | | | | 19.8 | 9.4 |
| SE | .7 | 4.3 | 1[illegible].6 | 9.3 | .2 | | | | | | | 25.1 | 9.6 |
| SSE | .9 | 1.[illegible] | 5.8 | 6.1 | .1 | | | | | | | 14.7 | 9.9 |
| S | .[illegible] | 1.1 | 1.5 | 1.4 | | | | | | | | 4.9 | 8.0 |
| SSW | .4 | .4 | | | | | | | | | | .9 | 3.[illegible] |
| SW | .2 | .2 | .1 | | | | | | | | | .5 | 5.0 |
| WSW | .1 | .4 | .4 | | | | | | | | | 1.[illegible] | 6.4 |
| W | .1 | .[illegible] | .7 | | | .1 | | | | | | .7 | [illegible].6 |
| WNW | .3 | .3 | .2 | .2 | | | | | | | | 1.1 | 8.7 |
| NW | .3 | .4 | .7 | .1 | | | | | | | | 1.[illegible] | 6.3 |
| NNW | .7 | 1.[illegible] | 1.3 | 1.1 | .2 | | | | | | | 4.3 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.4 | |
| | [illegible].2 | 20.2 | 39.6 | 27.4 | 1.0 | .2 | | | | | | 1[illegible].[illegible] | [illegible].4 |

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
[illegible] SERVICE/MAC

# SURFACE WINDS

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

[illegible] (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1900-2100 (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 | 1.5 | 1.7 | .1 | | | | | | | | 4.5 | 5.2 |
| NNE | .9 | .6 | .4 | .7 | | | | | | | | 2.6 | 7.[illegible] |
| NE | .4 | 1.[illegible] | .6 | .2 | | | | | | | | 2.7 | 6.4 |
| ENE | .4 | .[illegible] | .4 | .2 | | | | | | | | 1.9 | 6.1 |
| E | 2.[illegible] | 2.5 | 5.7 | 2.0 | | .[illegible] | | | | | | 10.4 | 7.2 |
| ESE | 1.1 | 5.1 | 1.5 | 4.7 | .5 | | | | | | | 21.9 | 8.[illegible] |
| SE | 1.2 | 5.7 | 9.9 | 4.4 | .1 | .1 | | | | | | 23.5 | 8.4 |
| SSE | 1.4 | 3.5 | 4.0 | 1.5 | .2 | | | | | | | 12.8 | 7.4 |
| S | 1.[illegible] | 1.[illegible] | 2.1 | .4 | .1 | | | | | | | 4.6 | 7.2 |
| SSW | .[illegible] | .7 | .2 | | | | | | | | | 1.4 | 4.3 |
| SW | .[illegible] | .[illegible] | .1 | .1 | .1 | | | | | | | 1.3 | 7.1 |
| WSW | .2 | .7 | | | | | | | | | | 1.[illegible] | 4.[illegible] |
| W | .4 | | .4 | | | | | | | | | .7 | 9.[illegible] |
| WNW | .1 | | .1 | | .1 | | | | | | | .4 | 10.3 |
| NW | .[illegible] | .4 | .4 | | | | | | | | | 1.0 | 5.3 |
| NNW | .2 | .1 | .4 | .4 | .2 | | | | | | | 1.4 | 10.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 11.4 | 25.8 | 36.8 | 16.8 | 1.5 | .4 | | | | | | 100.[illegible] | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 81

...AL CLIMATOLOGY BRANCH
...TAC
... WEATHER SERVICE/MAC

# SURFACE WI

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

... 15 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS)

ALL WEATHER (CLASS) ...1 ... (HOUR)

(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 | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.? | 1.? | .7 | .4 | | .1 | | | | | | ?.? |
| NNE | 1.7 | .9 | .8 | .3 | | | | | | | | 3.7 |
| NE | 1.4 | .? | .4 | .1 | | | | | | | | 2.7 |
| ENE | 1.? | .? | .5 | .1 | | | | | | | | ?.? |
| E | 4.3 | 7.9 | 7.2 | 3.7 | | | | | | | | ??.? |
| ESE | 3.4 | ?.3 | 6.6 | 4.6 | 1.3 | .1 | | | | | | ??.5 |
| SE | ?.3 | 4.? | 4.7 | 3.8 | .3 | | | | | | | 1?.? |
| SSE | 1.7 | 2.9 | 2.5 | .5 | | | | | | | | 7.? |
| S | .? | .? | .4 | .? | | | | | | | | ?.? |
| SSW | .? | .? | .1 | | | | | | | | | 1.? |
| SW | .? | .1 | .? | | | | | | | | | .? |
| WSW | | | | | | | | | | | | |
| W | .? | | | | | | | | | | | .? |
| WNW | .? | .1 | | | .1 | | | | | | | .? |
| NW | | | .? | | | | | | | | | .? |
| NNW | | | .? | .1 | | | .1 | | | | | .? |
| VARBL | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .? |
| | 1.?.? | 3?.1 | 26.9 | 14.1 | 1.7 | .? | .1 | | | | | 1??.? |

TOTAL NUMBER OF OBSERVATIONS ...

[illegible] CLIMATOLOGY BRANCH
FAC
[illegible] SERVICE/MAC

# SURFACE WINDS

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

[illegible] STATION | LAUGHLIN AFB TX STATION NAME | 70,73-91 YEARS | MAY MONTH

ALL WEATHER CLASS | 4 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 | 1.2 | 1.3 | .7 | .1 | .2 | | | | | | 4.2 | 7.2 |
| NNE | .7 | .6 | .3 | .2 | .0 | .0 | | | | | | 1.9 | 6.2 |
| NE | .7 | .7 | .5 | .1 | .0 | | | | | | | 2.0 | 5.6 |
| ENE | 1.0 | 1.0 | .7 | .1 | .0 | | | | | | | 2.9 | 5.4 |
| E | 2.3 | 5.4 | 4.9 | 1.5 | .0 | .0 | | | | | | 14.2 | 6.6 |
| ESE | 1.3 | 5.8 | 10.1 | 4.5 | .3 | .0 | | | | | | 22.4 | 8.2 |
| SE | 1.2 | 5.0 | 10.0 | 5.2 | .1 | .0 | | | | | | 22.5 | 9.7 |
| SSE | .7 | 2.3 | 4.6 | 2.6 | .1 | | | | | | | 11.0 | 8.3 |
| S | .3 | 1.1 | 1.3 | .7 | .0 | .0 | | | | | | 4.5 | 7.3 |
| SSW | .3 | .4 | .2 | | | | | | | | | .9 | 4.4 |
| SW | .2 | .2 | .1 | .0 | .0 | | | | | | | .6 | 5.4 |
| WSW | .2 | .2 | .1 | | | | | | | | | .5 | 4.7 |
| W | .2 | .2 | .1 | .0 | | .0 | | | | | | .5 | 5.4 |
| WNW | .3 | .5 | .2 | .1 | .0 | | | | | | | 1.2 | 6.2 |
| NW | .4 | .6 | .6 | .2 | | | | | | | | 1.8 | 6.9 |
| NNW | .5 | .6 | .6 | .7 | .2 | | .0 | | | | | 2.5 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.7 | |
| | 12.5 | 26.3 | 35.7 | 17.6 | 1.0 | .2 | .0 | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 6569

USAFETAC FORM JUL 84 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

# SURFACE WINDS

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

[illegible] | LAUGHLIN AFB TX | 70,73-81 | JUN
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

0000-0300
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 | .2 | | | | | | | | | 1.1 | 4.3 |
| NNE | .8 | 1.4 | | | | | | | | | | 2.2 | 3.7 |
| NE | .8 | .9 | .2 | .3 | | | | | | | | 2.2 | 5.4 |
| ENE | .5 | .8 | .3 | .3 | .2 | | | | | | | 2.0 | 7.6 |
| E | 3.6 | 6.6 | 4.1 | 2.2 | | | | | | | | 16.5 | 6.3 |
| ESE | 3.8 | 11.1 | 16.1 | 10.0 | .3 | | | | | | | 41.4 | 8.2 |
| SE | 1.9 | 4.5 | 13.3 | 5.3 | | | | | | | | 25.1 | 8.4 |
| SSE | .2 | .4 | .6 | .8 | | | | | | | | 2.4 | 8.5 |
| S | .5 | | | | | | | | | | | .5 | 1.7 |
| SSW | | | | | | | | | | | | | |
| SW | | | .2 | | | | | | | | | .2 | 7.0 |
| WSW | | | .3 | | .2 | | | | | | | .5 | 11.3 |
| W | | .2 | | | | | | | | | | .2 | 5.0 |
| WNW | | | | | | | | | | | | | |
| NW | | .2 | | | | | | | | | | .2 | 6.0 |
| NNW | .2 | .2 | .2 | .2 | | | | | | | | .6 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.3 | |
| | 12.4 | 27.3 | 35.4 | 19.1 | .6 | | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 632

L AL CLIMATOLOGY BRANCH
L TAC
WEATHER SERVICE/MAC

# SURFACE WINDS

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

LAUGHLIN AFB TX (STATION / STATION NAME) — 70,73,75-81 (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 | .9 | .6 | .3 | .1 | | | | | | | | 1.9 | 4.8 |
| NNE | .7 | 1.5 | .3 | | | | | | | | | 2.5 | 4.3 |
| NE | .5 | 1.2 | .3 | | | | | | | | | 2.0 | 4.3 |
| ENE | .7 | 1.7 | .4 | | | | | | | | | 2.9 | 5.1 |
| E | 2.0 | 11.4 | 7.0 | .7 | | | | | | | | 21.9 | 5.9 |
| ESE | 2.6 | 14.3 | 18.4 | 5.1 | | | | | | | | 40.4 | 7.4 |
| SE | 1.3 | 4.4 | 9.8 | 2.2 | | | | | | | | 17.6 | 7.7 |
| SSE | .3 | .6 | 1.0 | .1 | | | | | | | | 2.0 | 7.1 |
| S | | | .1 | | | | | | | | | .1 | 8.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | .1 | | | | | | | | | .1 | 7.0 |
| W | | .1 | .1 | | | | | | | | | .3 | 6.5 |
| WNW | | .3 | | | | | | | | | | .3 | 4.5 |
| NW | | .7 | | | | | | | | | | .7 | 4.2 |
| NNW | .3 | .6 | | | | | | | | | | .9 | 3.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.3 | |
| | 10.2 | 37.3 | 37.9 | 8.3 | | | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 680

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722515 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0600-0900 (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 | 1.2 | .4 | | | | | | | | | 2.6 | 4.2 |
| NNE | .6 | .7 | .2 | .2 | .1 | | | | | | | 1.9 | 6.5 |
| NE | .9 | .8 | .4 | .1 | | | | | | | | 2.2 | 4.6 |
| ENE | .8 | 1.1 | .4 | | | | | | | | | 2.2 | 4.3 |
| E | 2.0 | 9.6 | 6.8 | .8 | | | | | | | | 19.2 | 6.2 |
| ESE | 1.6 | 9.8 | 19.0 | 2.8 | | | | | | | | 33.3 | 7.6 |
| SE | .4 | 4.5 | 14.4 | 6.0 | | | | | | | | 25.2 | 9.0 |
| SSE | .2 | 1.1 | 2.7 | .7 | | | | | | | | 4.7 | 8.0 |
| S | .4 | .4 | .1 | .2 | | | | | | | | 1.1 | 6.2 |
| SSW | .1 | .1 | .1 | | | | | | | | | .4 | 4.7 |
| SW | .1 | | | | | | | | | | | .1 | 3.0 |
| WSW | | | | | | | | | | | | | |
| W | .1 | .2 | | .1 | | | | | | | | .5 | 6.8 |
| WNW | .1 | .1 | .1 | | | | | | | | | .4 | 5.0 |
| NW | | .5 | .2 | | | | | | | | | .7 | 5.8 |
| NNW | .1 | .4 | .1 | | | | | | | | | .6 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.0 | |
| | 8.6 | 30.4 | 44.9 | 11.0 | .1 | | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 853

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

# SURFACE WINDS

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

| 722515 | LAUGHLIN AFB TX | 70,73-81 | 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 | .2 | .9 | .9 | .3 | | | | | | | | 2.4 | 7.0 |
| NNE | | .3 | .1 | .3 | .2 | | | | | | | 1.0 | 10.9 |
| NE | .9 | .2 | .2 | | | | | | | | | 1.2 | 4.0 |
| ENE | .4 | .4 | .4 | .2 | | | | | | | | 1.6 | 6.3 |
| E | .3 | 1.6 | 3.6 | .3 | | | | | | | | 5.8 | 7.2 |
| ESE | .3 | 3.8 | 8.9 | 3.0 | .3 | | | | | | | 16.4 | 8.6 |
| SE | 1.2 | 5.7 | 21.3 | 10.4 | .2 | | | | | | | 38.9 | 9.1 |
| SSE | 1.2 | 4.4 | 12.6 | 4.2 | | | | | | | | 22.3 | 8.4 |
| S | .4 | 1.5 | 1.6 | .2 | | | | | | | | 3.7 | 6.7 |
| SSW | .2 | | .1 | .1 | | | | | | | | .4 | 6.0 |
| SW | .1 | .1 | .1 | | | | | | | | | .3 | 5.3 |
| WSW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| W | .3 | .1 | | | | | | | | | | .4 | 2.8 |
| WNW | | .2 | .1 | | | | | | | | | .3 | 6.0 |
| NW | .2 | .3 | .3 | | | | | | | | | .9 | 5.5 |
| NNW | .4 | .3 | .3 | .1 | | | | | | | | 1.2 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.7 | |
| | 6.5 | 20.1 | 60.6 | 19.3 | .8 | | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 891

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

...15 (STATION) | LAUGHLIN AFB TX (STATION NAME) | 70,73-81 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

1200-1400 (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 | .2 | .4 | .9 | | .1 | | | | | | | 1.7 | 7.3 |
| NNE | .1 | .3 | .4 | .2 | | | | | | | | 1.1 | 7.5 |
| NE | .1 | .9 | .2 | | .1 | | | | | | | 1.2 | 6.7 |
| ENE | .3 | .9 | .4 | | | | | | | | | 1.6 | 5.1 |
| E | .6 | 2.2 | 4.0 | .9 | | | | | | | | 7.7 | 7.6 |
| ESE | .9 | 2.6 | 6.1 | 4.2 | | | | | | | | 13.8 | 8.9 |
| SE | .7 | 4.1 | 17.4 | 11.4 | .4 | | | | | | | 34.1 | 9.7 |
| SSE | .7 | 5.2 | 11.1 | 9.2 | .3 | | | | | | | ...6 | 9.5 |
| S | .3 | 2.7 | 2.2 | 1.2 | .1 | | | | | | | 6.6 | 8.0 |
| SSW | .3 | .4 | | | | | | | | | | .8 | 3.6 |
| SW | | | .1 | | | | | | | | | .1 | 7.0 |
| WSW | .1 | .2 | | | | | | | | | | .3 | 3.7 |
| W | | .1 | .1 | | | | | | | | | .2 | 7.0 |
| WNW | | .1 | .1 | | | | | | | | | .2 | 6.5 |
| NW | | .4 | .1 | | | | | | | | | .6 | 6.2 |
| NNW | .3 | .1 | 1.2 | .4 | | | | | | | | 2.1 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 4.7 | 20.6 | 44.6 | 27.7 | 1.1 | | | | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

# SURFACE WINDS

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

72215 LAUGHLIN AFB TX 70.73-81 JUN
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
CLASS 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 | 1.5 | | | | | | | | | 2.5 | 6.6 |
| NNE | .1 | .5 | .5 | .5 | | | | | | | | 1.5 | 8.5 |
| NE | .1 | .6 | .3 | .1 | | | | | | | | 1.1 | 6.7 |
| ENE | .2 | .9 | .3 | .1 | | .2 | | | | | | 1.8 | 8.9 |
| E | .7 | 2.3 | 4.3 | 1.6 | .1 | | | | | | | 8.9 | 8.1 |
| ESE | .6 | 3.0 | 9.1 | 8.2 | .7 | | | | | | | 21.7 | 10.0 |
| SE | .5 | 4.4 | 14.2 | 15.7 | .7 | | | | | | | 35.4 | 10.3 |
| SSE | .2 | 1.7 | 9.1 | 7.3 | | | | | | | | 18.4 | 10.3 |
| S | .3 | .9 | 1.8 | .9 | | | | | | | | 4.0 | 8.2 |
| SSW | .1 | .5 | .1 | | .1 | | | | | | | .8 | 7.0 |
| SW | .1 | .2 | | | | | | | | | | .3 | 3.0 |
| WSW | .5 | | | | | | | | | | | .5 | 2.0 |
| W | | .1 | | | | | | | | | | .1 | 4.0 |
| WNW | | | | | | | | | | | | | |
| NW | .1 | .3 | .3 | | | | | | | | | .8 | 5.9 |
| NNW | .1 | .5 | .7 | | | | | | | | | 1.2 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | 4.0 | 16.5 | 42.3 | 34.4 | 1.6 | .2 | | | | | | 100.0 | 9.5 |

TOTAL NUMBER OF OBSERVATIONS 886

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72261 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1800-2400 (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 | .4 | .1 | | | | | | | | 1.8 | 5.3 |
| NNE | .4 | .4 | .7 | .1 | | | | | | | | 1.6 | 7.1 |
| NE | .2 | .2 | .7 | .1 | | | | | | | | 1.3 | 7.0 |
| ENE | .6 | .4 | 1.0 | .4 | | | | | | | | 2.3 | 6.8 |
| E | 1.1 | 4.3 | 5.8 | 3.1 | .1 | | | | | | | 14.3 | 8.1 |
| ESE | .7 | 5.4 | 11.5 | 8.4 | .4 | | | | | | | 26.4 | 9.1 |
| SE | 1.0 | 6.1 | 14.4 | 9.3 | .2 | | | | | | | 33.0 | 8.8 |
| SSE | .9 | 2.4 | 6.4 | 3.5 | .2 | | | | | | | 13.1 | 9.2 |
| S | .5 | .4 | .6 | .4 | | | | | | | | 1.9 | 6.7 |
| SSW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| SW | .2 | .1 | .2 | | | | | | | | | .6 | 6.0 |
| WSW | | .1 | .2 | | | | | | | | | .4 | 6.3 |
| W | | | | | | | | | | | | | |
| WNW | .2 | .1 | | | | | | | | | | .4 | 3.0 |
| NW | .1 | .2 | | | | | | | | | | .4 | 4.3 |
| NNW | | .4 | .1 | .1 | .1 | | | | | | | .7 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 6.2 | 23.5 | 42.1 | 25.6 | 1.1 | | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 617

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 STATION | LAUGHLIN AFB TX STATION NAME | 73-81 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 | .9 | .9 | .3 | .3 | | | | | | | | 2.4 | 4.6 |
| NNE | .8 | .8 | .3 | .1 | .1 | | | | | | | 2.1 | 6.1 |
| NE | .5 | .8 | .4 | .1 | | | | | | | | 1.8 | 5.4 |
| ENE | .9 | .5 | .3 | .1 | | | | | | | | 1.8 | 4.6 |
| E | 2.4 | 11.0 | 8.5 | 3.0 | | | | | | | | 24.9 | 7.0 |
| ESE | 3.5 | 12.3 | 15.2 | 5.1 | .3 | | | | | | | 36.5 | 7.4 |
| SE | 2.6 | 7.1 | 5.8 | 4.5 | .8 | | | | | | | 20.7 | 7.8 |
| SSE | .5 | 1.0 | .9 | .4 | | | | | | | | 2.9 | 6.5 |
| S | .7 | .4 | | | | | | | | | | 1.0 | 3.0 |
| SSW | .3 | | | | | | | | | | | .3 | 2.0 |
| SW | | .1 | | | | | | | | | | .1 | 4.0 |
| WSW | .1 | | .1 | | | | | | | | | .3 | 6.0 |
| W | | | .3 | | | | | | | | | .3 | 6.5 |
| WNW | .1 | | .1 | | | | | | | | | .3 | 6.5 |
| NW | | .4 | | | | | | | | | | .4 | 4.7 |
| NNW | | | .1 | | | | | | | | | .1 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.1 | |
| | 13.4 | 35.4 | 32.3 | 13.6 | 1.2 | | | | | | | 100.3 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 762

3405

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

72215 | LAUGHLIN AFB TX | 72,73-81 | JUN
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 | .8 | .6 | .1 | .0 | | | | | | | 2.1 | 5.7 |
| NNE | .4 | .7 | .3 | .2 | .1 | | | | | | | 1.7 | 6.5 |
| NE | .5 | .7 | .3 | .1 | .0 | | | | | | | 1.6 | 5.4 |
| ENE | .6 | .8 | .5 | .1 | .0 | .0 | | | | | | 2.0 | 6.5 |
| E | 1.6 | 5.9 | 5.4 | 1.5 | .0 | | | | | | | 14.4 | 6.9 |
| ESE | 1.6 | 7.4 | 12.7 | 5.7 | .2 | | | | | | | 27.7 | 8.3 |
| SE | 1.1 | 9.3 | 14.1 | 6.5 | .3 | | | | | | | 29.4 | 9.1 |
| SSE | .5 | 2.3 | 6.0 | 3.6 | .1 | | | | | | | 12.4 | 9.1 |
| S | .4 | .5 | .9 | .4 | .0 | | | | | | | 2.5 | 7.5 |
| SSW | .2 | .2 | .0 | .0 | .0 | | | | | | | .4 | 4.9 |
| SW | .1 | .1 | .1 | | | | | | | | | .2 | 5.1 |
| WSW | .1 | .1 | .1 | | .0 | | | | | | | .3 | 5.4 |
| W | .1 | .1 | .1 | .0 | | | | | | | | .2 | 5.7 |
| WNW | .1 | .1 | .1 | | | | | | | | | .2 | 5.1 |
| NW | .1 | .4 | .1 | | | | | | | | | .6 | 5.4 |
| NNW | .2 | .3 | .4 | .1 | .0 | | | | | | | 1.0 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 7.9 | 25.9 | 41.8 | 20.4 | .8 | .0 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 6432

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

# SURFACE WINDS

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

22-15 STATION — LAUGHLIN AFB TX STATION NAME — 73-73-81 YEARS — JUL MONTH

ALL WEATHER CLASS — 0000-0300 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 | | | | | | | | | | | .2 | 2.2 |
| NNE | .5 | | | | | | | | | | | .5 | 2.2 |
| NE | .5 | .2 | .3 | | | | | | | | | .9 | 4.7 |
| ENE | .9 | .9 | .5 | | | | | | | | | 2.3 | 4.5 |
| E | 3.2 | 6.6 | 4.8 | .5 | | | | | | | | 15.0 | 5.5 |
| ESE | 2.4 | 9.8 | 21.4 | 8.4 | .5 | | | | | | | 42.4 | 6.3 |
| SE | 3.2 | 5.7 | 14.7 | 5.4 | .3 | | | | | | | 29.1 | 6.4 |
| SSE | .9 | .9 | 1.1 | .2 | | | | | | | | 3.0 | 5.6 |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | .2 | | | | | | | | | .2 | 10.0 |
| WSW | | | | | | | | | | | | | |
| W | .2 | .2 | | | | | | | | | | .3 | 3.2 |
| WNW | .2 | | | | | | | | | | | .2 | 2.0 |
| NW | .5 | | | | | | | | | | | .5 | 2.2 |
| NNW | .2 | | | | | | | | | | | .2 | 2.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.5 | |
| | 11.3 | 24.2 | 42.9 | 14.4 | .8 | | | | | | | 100.2 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 665

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 7...01 | LAUGHLIN AFB TX | 70,75-81 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

CONDITION

...300-...59
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 | .4 | .1 | | | | | | | | | | .5 | 2.3 |
| NNE | .1 | .1 | | | | | | | | | | .3 | 3.5 |
| NE | .6 | .3 | .1 | | .1 | | | | | | | 1.1 | 5.6 |
| ENE | 1.1 | 1.8 | .1 | | | | | | | | | 3.1 | 3.6 |
| E | 8.2 | 14.6 | 6.4 | .1 | | | | | | | | 29.4 | 4.9 |
| ESE | 3.6 | 27.5 | 12.0 | 2.3 | | | | | | | | 45.3 | 6.7 |
| SE | .9 | 5.1 | 5.5 | 1.4 | | | | | | | | 12.9 | 7.3 |
| SSE | | .7 | .3 | | | | | | | | | .9 | 6.9 |
| S | | | .1 | | | | | | | | | .1 | 9.0 |
| SSW | | .1 | | | | | | | | | | .1 | 5.5 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .4 | |
| | 14.9 | 43.1 | 31.7 | 3.8 | .1 | | | | | | | 1...2 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 7...4

...CLIMATOLOGY BRANCH
TAC
...ATHER SERVICE/MAC

# SURFACE WINDS

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

...15 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

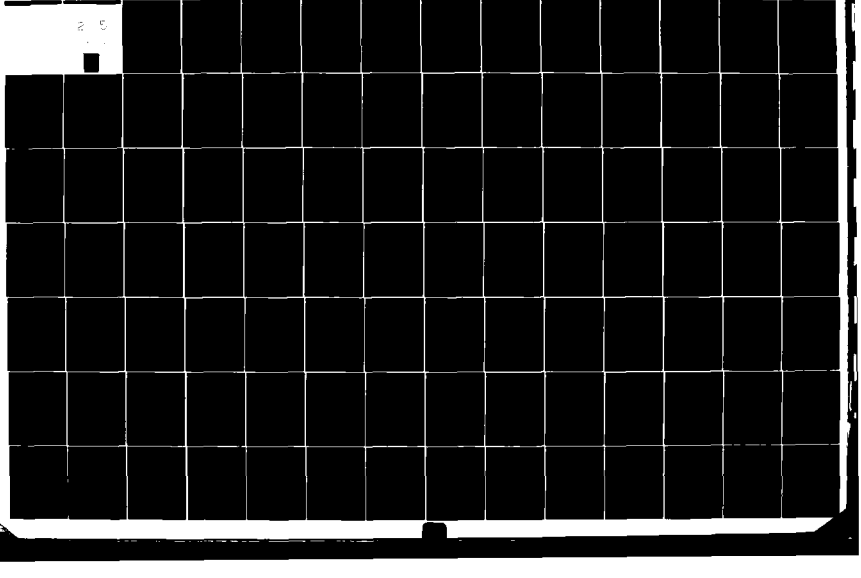
...500-...65... (HOURS (L.S.T.))

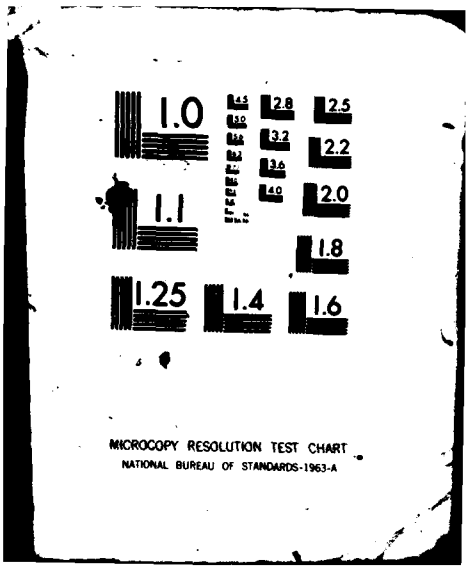
| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .2 | | | | | | | | | | .3 | 4.. |
| NNE | .2 | .3 | | | | | | | | | | .7 | 2.. |
| NE | .2 | .1 | .1 | | | | | | | | | .7 | 3.. |
| ENE | 1.7 | 1.3 | .1 | | | | | | | | | 3.. | 3.. |
| E | 4.7 | 18.3 | 10.6 | .7 | | | | | | | | 34.5 | 5.7 |
| ESE | 1.3 | 12.6 | 18.7 | 3.3 | | | | | | | | 36.7 | 7.. |
| SE | .2 | 4.4 | 11.5 | 2.5 | | | | | | | | 18.4 | 9.. |
| SSE | .1 | .3 | 1.2 | .1 | | | | | | | | 1.8 | 7.. |
| S | | .2 | .1 | | | | | | | | | .2 | 6.. |
| SSW | | | | | | | | | | | | | |
| SW | | .1 | | | | | | | | | | .1 | 5.. |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .. | |
| | 10.3 | 37.2 | 41.0 | 6.6 | | | | | | | | .. | 6.. |

TOTAL NUMBER OF OBSERVATIONS ...51

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A116 094 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(U)
APR 82
UNCLASSIFIED USAFETAC/DS-82/026 SBI-AD-E850 173 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUL (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 | .3 | | | | | | | | | | .4 | 3.5 |
| NNE | .1 | .2 | | | | | | | | | | .3 | 5.0 |
| NE | .2 | | .1 | | | | | | | | | .3 | 4.0 |
| ENE | .5 | .1 | .1 | .1 | | | | | | | | .9 | 4.4 |
| E | .9 | 4.5 | 3.3 | .2 | | | | | | | | 8.8 | 6.1 |
| ESE | 1.7 | 8.1 | 14.3 | 2.3 | .1 | | | | | | | 26.5 | 7.4 |
| SE | 1.5 | 11.9 | 18.1 | 4.6 | .3 | | | | | | | 36.5 | 7.8 |
| SSE | .4 | 5.1 | 9.3 | 3.1 | | | | | | | | 17.9 | 8.1 |
| S | 1.0 | 1.9 | 2.1 | .1 | | | | | | | | 5.0 | 5.9 |
| SSW | .2 | | | | | | | | | | | .2 | 2.0 |
| SW | .1 | | | | | | | | | | | .1 | 2.0 |
| WSW | | | | | | | | | | | | | |
| W | .2 | | | | | | | | | | | .2 | 2.0 |
| WNW | .2 | | | | | | | | | | | .2 | 2.0 |
| NW | .1 | | | | | | | | | | | .1 | 1.0 |
| NNW | .2 | .1 | .1 | | | | | | | | | .4 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.0 | |
| | 7.6 | 32.2 | 47.4 | 10.9 | .9 | | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70.73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

1200-1900 (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 | .4 | .1 | | | .1 | | | | | | 1.1 | 6.4 |
| NNE | .2 | | | | .1 | | | | | | | .3 | 8.3 |
| NE | .2 | .1 | | .2 | | | | | | | | .5 | 7.0 |
| ENE | .5 | .7 | | .3 | | | | | | | | 1.3 | 5.7 |
| E | .9 | 3.3 | 2.4 | .9 | | | | | | | | 7.4 | 6.6 |
| ESE | 1.2 | 3.9 | 11.6 | 4.1 | | | | | | | | 20.8 | 8.3 |
| SE | 1.5 | 7.7 | 16.3 | 8.1 | .7 | | | | | | | 34.2 | 8.7 |
| SSE | 1.1 | 5.7 | 10.5 | 4.8 | .4 | | | | | | | 22.5 | 8.7 |
| S | .8 | 2.9 | 1.8 | 1.5 | .1 | | | | | | | 7.2 | 7.6 |
| SSW | .1 | .4 | | | | | | | | | | .5 | 3.6 |
| SW | .2 | .3 | | | | | | | | | | .5 | 3.6 |
| WSW | | | | | | | | | | | | | |
| W | .3 | .1 | | | | | | | | | | .4 | 2.5 |
| WNW | .3 | | | | | | | | | | | .3 | 2.3 |
| NW | .3 | | | | | | | | | | | .3 | 2.3 |
| NNW | .4 | .1 | | .1 | | | | | | | | .7 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.8 | |
| | 8.6 | 25.5 | 42.7 | 20.0 | 1.3 | .1 | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 923

3488

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOUR (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 | .3 | .1 | | | | | | | | .9 | 6.1 |
| NNE | .3 | .1 | .3 | .2 | | | | | | | | 1.0 | 7.1 |
| NE | | .1 | .1 | .2 | .1 | | | | | | | .5 | 10.4 |
| ENE | .5 | .5 | .4 | | | | | | | | | 1.5 | 4.6 |
| E | 1.2 | 2.4 | 3.5 | 2.0 | | | | | | | | 9.1 | 7.7 |
| ESE | .9 | 4.2 | 13.3 | 5.6 | .3 | | | | | | | 24.2 | 9.1 |
| SE | 1.3 | 7.5 | 13.4 | 9.3 | .9 | .1 | | | | | | 32.5 | 9.2 |
| SSE | 1.4 | 4.9 | 9.0 | 5.8 | .5 | | | | | | | 21.5 | 8.9 |
| S | .7 | 1.5 | 2.4 | 1.1 | | | | | | | | 5.7 | 7.6 |
| SSW | | .1 | .1 | .1 | | | | | | | | .3 | 9.7 |
| SW | | .1 | .1 | | | | | | | | | .2 | 6.0 |
| WSW | .1 | | | | | | | | | | | .1 | 3.0 |
| W | .1 | | .2 | | | | | | | | | .3 | 7.3 |
| WNW | .1 | | .1 | .1 | | | | | | | | .3 | 7.3 |
| NW | | .1 | | | | | | | | | | .1 | 6.0 |
| NNW | .1 | | | | | | | | | | | .1 | 3.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 7.1 | 21.7 | 43.3 | 24.3 | 1.9 | .1 | | | | | | 100.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS 912

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

72615 LAUGHLIN AFB TX 70.73-81 JUL

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

| SPEED (KNOTS) 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 | .2 | .1 | | | | | | | | | .8 | 3.6 |
| NNE | | .5 | .1 | | | | | | | | | .6 | 5.6 |
| NE | | .5 | .2 | .3 | | | | | | | | 1.0 | 9.0 |
| ENE | .3 | | .8 | .2 | | | | | | | | 1.4 | 7.8 |
| E | 1.4 | 9.1 | 5.8 | 2.7 | | | | | | | | 19.0 | 7.8 |
| ESE | 2.4 | 6.3 | 19.8 | 6.8 | .5 | | | | | | | 35.7 | 8.5 |
| SE | 1.6 | 7.1 | 13.9 | 6.8 | .9 | | .1 | | | | | 29.9 | 8.8 |
| SSE | .5 | 3.3 | 6.3 | 2.7 | .3 | | | | | | | 13.1 | 8.5 |
| S | .7 | 1.9 | 1.2 | .1 | | .1 | | | | | | 3.5 | 6.2 |
| SSW | .1 | .5 | | | | | | | | | | .6 | 9.2 |
| SW | .2 | .1 | .1 | | | | | | | | | .5 | 9.3 |
| WSW | | .1 | | | | | | | | | | .1 | 8.0 |
| W | .2 | .1 | .1 | .1 | | | | | | | | .6 | 8.9 |
| WNW | | .1 | | | | | | | | | | .1 | 9.0 |
| NW | | .2 | .1 | .1 | | | | | | | | .5 | 8.0 |
| NNW | | .1 | | | | | | | | | | .1 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.3 | |
| | 6.0 | 29.6 | 51.3 | 18.8 | 1.7 | .1 | .1 | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 859

USAFETAC FORM 0-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | .4 | | | | | | | | | | | .4 | 2.3 |
| NNE | .5 | | | .1 | | .1 | | | | | | .7 | 7.3 |
| NE | .2 | .5 | | | .1 | | | | | | | .9 | 5.9 |
| ENE | .5 | .7 | | | | | | | | | | 1.2 | 3.7 |
| E | 5.1 | 13.8 | 6.1 | 2.1 | | | | | | | | 27.1 | 5.8 |
| ESE | 3.6 | 12.4 | 13.5 | 6.6 | .2 | | | | | | | 36.4 | 7.6 |
| SE | 3.1 | 6.3 | 5.6 | 3.5 | .9 | | | | | | | 19.4 | 7.5 |
| SSE | .9 | 2.1 | .9 | .2 | | | | | | | | 4.1 | 5.8 |
| S | .5 | .4 | .1 | | | | | | | | | 1.0 | 3.9 |
| SSW | | .1 | | | | | | | | | | .1 | 5.0 |
| SW | .2 | | | | | | | | | | | .2 | 2.0 |
| WSW | | .2 | | | | | | | | | | .2 | 6.0 |
| W | | | | | | | | | | | | | |
| WNW | .2 | | | | | | | | | | | .2 | 2.5 |
| NW | .1 | | | | | | | | | | | .1 | 1.0 |
| NNW | .2 | | | | | | | | | | | .2 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.6 | |
| | 15.7 | 36.6 | 26.2 | 12.5 | 1.2 | .1 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 805

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722515 (STATION) LAUGHLIN AFB TX (STATION NAME) 70.73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) ALL (HOUR (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 | .1 | .0 | | .0 | | | | | | .6 | 4.6 |
| NNE | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | .6 | 5.4 |
| NE | .3 | .2 | .1 | .1 | .0 | | | | | | | .7 | 6.4 |
| ENE | .8 | .7 | .3 | .1 | | | | | | | | 1.8 | 4.4 |
| E | 3.0 | 8.2 | 5.3 | 1.2 | | | | | | | | 17.7 | 6.0 |
| ESE | 2.1 | 9.3 | 15.5 | 4.8 | .2 | | | | | | | 32.0 | 7.8 |
| SE | 1.5 | 7.1 | 12.5 | 5.3 | .5 | .0 | .0 | | | | | 27.0 | 8.4 |
| SSE | .7 | 3.0 | 5.2 | 2.3 | .2 | | | | | | | 11.3 | 8.4 |
| S | .5 | 1.1 | 1.1 | .4 | .0 | .0 | | | | | | 3.1 | 6.8 |
| SSW | .1 | .2 | .0 | .0 | | | | | | | | .3 | 4.8 |
| SW | .1 | .1 | .0 | | | | | | | | | .2 | 4.3 |
| WSW | .0 | .0 | | | | | | | | | | .1 | 5.3 |
| W | .1 | .0 | .0 | .0 | | | | | | | | .2 | 4.6 |
| WNW | .1 | .0 | .0 | .0 | | | | | | | | .2 | 3.7 |
| NW | .1 | .0 | .0 | .0 | | | | | | | | .2 | 4.1 |
| NNW | .2 | .0 | .0 | .0 | | | | | | | | .2 | 3.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 3.8 | |
| | 10.2 | 30.5 | 40.1 | 14.3 | 1.0 | .1 | .0 | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 6665

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | .6 | .6 | | | | | | | | | | 1.2 | 3.1 |
| NNE | 1.2 | .4 | .1 | | .1 | | | | | | | 1.9 | 4.2 |
| NE | .9 | .3 | .1 | .1 | .3 | | | | | | | 1.8 | 6.9 |
| ENE | .4 | .3 | .1 | | | | | | | | | .9 | 3.8 |
| E | 5.2 | 5.7 | 3.3 | .4 | | | | | | | | 14.6 | 4.9 |
| ESE | 5.8 | 14.8 | 17.2 | 5.4 | | | | | | | | 43.2 | 6.9 |
| SE | 2.4 | 8.7 | 8.2 | 1.8 | .4 | | | | | | | 21.5 | 6.7 |
| SSE | 1.0 | .9 | 2.4 | .3 | | | | | | | | 4.6 | 6.7 |
| S | .4 | .1 | .1 | | | | | | | | | .7 | 3.8 |
| SSW | | | | | | | | | | | | | |
| SW | | | .1 | | | | | | | | | .1 | 9.0 |
| WSW | .1 | | | | | | | | | | | .1 | 1.0 |
| W | | | | | | | | | | | | | |
| WNW | | .1 | | | | | | | | | | .1 | 4.0 |
| NW | .1 | .3 | | | | | | | | | | .4 | 3.0 |
| NNW | .3 | | | .1 | | | | | | | | .4 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.1 | |
| | 18.7 | 32.3 | 31.8 | 8.2 | .9 | | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 669

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) AUG (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 | .3 | | | | | | | | | | .4 | 4.3 |
| NNE | .9 | .6 | .1 | .3 | .1 | | .1 | | | | | 2.1 | 7.7 |
| NE | 2.3 | .6 | .1 | .3 | | | | | | | | 3.3 | 3.9 |
| ENE | 3.6 | .6 | .4 | .1 | | | | .1 | | | | 4.8 | 4.6 |
| E | 10.8 | 14.9 | 3.7 | .3 | | | | | | | | 29.7 | 4.3 |
| ESE | 5.3 | 18.9 | 13.2 | 1.0 | | | | | | | | 38.4 | 5.9 |
| SE | .9 | 3.8 | 4.7 | .3 | | | | | | | | 9.7 | 6.5 |
| SSE | .3 | .1 | .3 | | | | | | | | | .7 | 5.0 |
| S | .1 | | | | | | | | | | | .1 | 1.0 |
| SSW | .1 | | | | | | | | | | | .1 | 1.0 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | .1 | | | | | | | | | | .1 | 5.0 |
| WNW | | | | | | | | | | | | | |
| NW | .3 | | | | | | | | | | | .3 | 2.0 |
| NNW | .4 | .1 | | | | | | | | | | .6 | 2.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.7 | |
| | 25.0 | 40.1 | 22.6 | 2.3 | .1 | | .1 | .1 | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 704

3501

USAFETAC FORM AUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | .6 | .2 | .2 | .1 | | | | | | | | 1.1 | 4.8 |
| NNE | 2.1 | 1.0 | .1 | .1 | | | | | | | | 3.4 | 3.5 |
| NE | 1.7 | .6 | .1 | | | | | | | | | 2.4 | 3.1 |
| ENE | 2.7 | 2.3 | .3 | .1 | .1 | .1 | | | | | | 5.6 | 4.6 |
| E | 8.1 | 16.3 | 7.0 | .2 | | | | | .1 | | | 31.8 | 5.1 |
| ESE | 1.2 | 17.2 | 15.6 | 1.1 | | | .1 | .1 | | | | 35.4 | 6.9 |
| SE | .5 | 3.4 | 7.1 | 1.6 | | | | | | | | 12.5 | 7.9 |
| SSE | | .2 | .7 | .1 | | | | | | | | 1.0 | 7.9 |
| S | .2 | | | | | | | | | | | .2 | 2.5 |
| SSW | | .1 | | | | | | | | | | .1 | 4.0 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | .1 | | | | | | | | | .1 | 8.0 |
| WNW | .2 | .1 | | | | | | | | | | .3 | 2.7 |
| NW | | | | | | | | | | | | | |
| NNW | .2 | | .1 | | | | | | | | | .3 | 3.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.6 | |
| | 17.6 | 41.5 | 31.3 | 3.4 | .1 | .1 | .1 | .1 | .1 | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 887

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | .2 | .2 | .1 | .1 | | | | | | | | .6 | 7.0 |
| NNE | .2 | .2 | .2 | | | | | | | | | .6 | 4.8 |
| NE | .2 | .3 | .4 | .2 | | | | | | | | 1.2 | 7.1 |
| ENE | .8 | .5 | .3 | .1 | | | | | | | | 1.7 | 4.9 |
| E | 1.1 | 3.5 | 2.7 | .6 | .1 | | | | | | | 8.0 | 6.4 |
| ESE | 2.7 | 9.0 | 6.9 | 1.4 | .2 | | | | | | | 20.2 | 6.6 |
| SE | 2.7 | 10.4 | 15.5 | 4.9 | | | | | | | | 33.4 | 7.6 |
| SSE | 2.2 | 6.4 | 11.7 | 2.4 | | | | | | | | 22.6 | 7.3 |
| S | 1.8 | 3.0 | 1.1 | .2 | | | | | | | | 6.2 | 5.1 |
| SSW | .1 | .2 | .1 | | | | | | | | | .4 | 5.0 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | .1 | | | | | | | | | | .1 | 5.0 |
| WNW | | .1 | .2 | | | | | | | | | .3 | 7.0 |
| NW | .2 | .2 | | | | | | | | | | .4 | 3.5 |
| NNW | .4 | .1 | .1 | .2 | | | | | | | | .9 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 12.7 | 34.3 | 39.8 | 10.2 | .3 | | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 924

USAFETAC FORM AM 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

03502

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | .4 | .8 | .2 | | | | | | | | 1.6 | 6.8 |
| NNE | .4 | .2 | 1.2 | .2 | | | | | | | | 2.0 | 7.5 |
| NE | .3 | .5 | .2 | | | | | | | | | 1.1 | 5.2 |
| ENE | .4 | .8 | .4 | | | | | | | | | 1.6 | 5.1 |
| E | 1.0 | 2.6 | 2.7 | 1.2 | | | | | | | | 7.4 | 7.2 |
| ESE | 1.5 | 5.6 | 6.7 | 1.3 | .3 | | | | | | | 15.4 | 7.3 |
| SE | 1.6 | 9.9 | 14.0 | 4.9 | .1 | | | | | | | 30.5 | 7.7 |
| SSE | 2.2 | 7.3 | 11.5 | 4.3 | .3 | | | | | | | 25.6 | 8.0 |
| S | 1.3 | 3.4 | 3.2 | 1.5 | .1 | | | | | | | 9.6 | 7.1 |
| SSW | | .3 | | | | | | | | | | .3 | 4.3 |
| SW | | .3 | | | | | | | | | | .3 | 4.3 |
| WSW | .2 | .2 | | | | | | | | | | .4 | 3.5 |
| W | .1 | .1 | | | | | | | | | | .2 | 4.0 |
| WNW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| NW | .1 | .2 | .3 | | | | | | | | | .6 | 6.3 |
| NNW | .3 | .3 | .3 | | | | | | | | | 1.0 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.0 | |
| | 9.8 | 32.4 | 41.3 | 13.7 | .9 | | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | | .8 | .4 | .3 | | | | | | | | 1.5 | 7.8 |
| NNE | .1 | .2 | .5 | | | | | | | | | .9 | 6.4 |
| NE | .4 | .4 | .7 | .1 | .1 | | | | | | | 1.7 | 6.9 |
| ENE | .8 | 1.1 | .8 | .2 | | | | | | | | 2.8 | 5.6 |
| E | .8 | 3.9 | 4.0 | .9 | | | | | | | | 9.6 | 7.1 |
| ESE | 2.0 | 4.6 | 10.5 | 2.9 | | | | | | | | 20.0 | 8.0 |
| SE | .9 | 6.9 | 12.9 | 5.8 | | | | | | | | 26.4 | 8.4 |
| SSE | 1.5 | 6.3 | 11.9 | 4.8 | .2 | | | | | | | 24.8 | 8.4 |
| S | .9 | 2.2 | 2.7 | 1.2 | .1 | | | | | | | 7.1 | 7.5 |
| SSW | .9 | .2 | .1 | | | | | | | | | 1.2 | 3.2 |
| SW | .4 | .3 | | | | | | | | | | .8 | 3.4 |
| WSW | .1 | | .1 | | | | | | | | | .2 | 5.0 |
| W | | .4 | | | | | | | | | | .4 | 9.8 |
| WNW | | .4 | | | | | | | | | | .4 | 4.5 |
| NW | .2 | .2 | .3 | .1 | | | | | | | | .9 | 6.8 |
| NNW | .3 | .1 | | | | | | | | | | .4 | 2.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .9 | |
| | 9.3 | 28.1 | 44.9 | 16.4 | .4 | | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 917

3502

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722515 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | .5 | .3 | | .5 | | | | | | | | 1.3 | 7.3 |
| NNE | .7 | 1.0 | .6 | .2 | | | | | | | | 2.6 | 5.6 |
| NE | | .6 | .5 | | | | | | | | | 1.0 | 6.8 |
| ENE | .3 | .3 | .8 | .3 | | | | | | | | 1.9 | 7.6 |
| E | 3.4 | 4.2 | 3.5 | .8 | | | | | | | | 11.9 | 5.9 |
| ESE | 2.2 | 10.0 | 11.8 | 5.1 | .5 | | | | | | | 29.6 | 7.8 |
| SE | 1.5 | 9.7 | 10.5 | 5.1 | | | | | | | | 26.6 | 7.6 |
| SSE | .7 | 4.1 | 5.7 | 2.6 | .1 | | | | | | | 13.2 | 7.9 |
| S | .7 | 2.3 | 1.5 | .2 | | | | | | | | 4.8 | 5.9 |
| SSW | .6 | .3 | .1 | | | | | | | | | 1.0 | 3.4 |
| SW | .2 | .3 | .1 | | | | | | | | | .7 | 5.3 |
| WSW | .3 | | | | | | | | | | | .3 | 2.7 |
| W | | .5 | .1 | .1 | | | | | | | | .7 | 7.0 |
| WNW | .2 | .1 | | | | | | | | | | .3 | 2.7 |
| NW | | .2 | | | | | | | | | | .2 | 5.5 |
| NNW | .1 | .2 | .2 | | | | | | | | | .6 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 11.5 | 34.3 | 35.4 | 15.0 | .6 | | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | .3 | .1 | .1 | .1 | | | | | | | | .6 | 6.6 |
| NNE | .6 | .4 | | | .1 | .1 | | | | | | 1.3 | 6.5 |
| NE | .4 | .8 | .6 | .3 | .1 | | | | | | | 2.1 | 7.1 |
| ENE | .6 | 1.0 | .1 | .1 | | | | | | | | 1.9 | 4.6 |
| E | 5.2 | 12.7 | 4.8 | .5 | | | | | | | | 23.1 | 5.0 |
| ESE | 5.2 | 14.3 | 13.1 | 4.3 | .4 | | | | | | | 37.2 | 6.8 |
| SE | 1.9 | 7.5 | 5.3 | 2.5 | .3 | | | | | | | 17.5 | 7.1 |
| SSE | 1.1 | 1.9 | 1.4 | .3 | | | | | | | | 4.7 | 5.6 |
| S | .6 | .8 | .1 | | | | | | | | | 1.5 | 4.1 |
| SSW | .3 | .3 | | | | | | | | | | .5 | 2.8 |
| SW | .1 | | | | | | | | | | | .1 | 2.0 |
| WSW | .1 | | | | | | | | | | | .1 | 3.0 |
| W | .1 | | .3 | | | | | | | | | .4 | 7.7 |
| WNW | | .1 | .3 | .3 | | | | | | | | .6 | 10.0 |
| NW | .1 | .1 | | | | | | | | | | .3 | 3.0 |
| NNW | | .3 | .1 | | | | | | | | | .4 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.7 | |
| | 16.6 | 40.3 | 26.2 | 8.3 | .9 | .1 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 795

3504

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | .3 | .4 | .2 | .2 | | | | | | | | 1.1 | 6.3 |
| NNE | .8 | .5 | .4 | .1 | .0 | .0 | .0 | | | | | 1.8 | 5.6 |
| NE | .7 | .5 | .4 | .1 | .1 | | | | | | | 1.8 | 5.6 |
| ENE | 1.2 | .9 | .4 | .1 | .0 | .0 | | .0 | | | | 2.7 | 5.1 |
| E | 4.2 | 7.7 | 4.0 | .6 | .0 | | | | .0 | | | 16.5 | 5.4 |
| ESE | 3.1 | 11.4 | 11.6 | 2.7 | .2 | | .0 | .0 | | | | 29.0 | 7.0 |
| SE | 1.5 | 7.6 | 10.1 | 3.5 | .1 | | | | | | | 22.8 | 7.6 |
| SSE | 1.2 | 3.6 | 6.1 | 2.0 | .1 | | | | | | | 13.0 | 7.8 |
| S | .8 | 1.6 | 1.2 | .4 | .0 | | | | | | | 4.1 | 6.3 |
| SSW | .3 | .2 | .0 | | | | | | | | | .5 | 3.5 |
| SW | .1 | .1 | .0 | | | | | | | | | .3 | 4.4 |
| WSW | .1 | .0 | .0 | | | | | | | | | .2 | 3.3 |
| W | .0 | .2 | .1 | .0 | | | | | | | | .3 | 6.1 |
| WNW | .1 | .1 | .1 | .0 | | | | | | | | .3 | 5.5 |
| NW | .1 | .2 | .1 | .0 | | | | | | | | .4 | 5.0 |
| NNW | .3 | .1 | .1 | .0 | | | | | | | | .6 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 14.7 | 35.3 | 34.7 | 10.0 | .5 | .0 | .0 | .0 | .0 | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 6695

USAFETAC FORM AUG 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 1.5 | 1.1 | .5 | | | | | | | | | 3.1 | 4.6 |
| NNE | 2.7 | .5 | .2 | | | | | | | | | 3.5 | 2.8 |
| NE | .7 | .2 | .2 | | | | | | | | | 1.1 | 4.0 |
| ENE | .7 | 1.3 | .5 | .7 | | | | | | | | 3.3 | 6.2 |
| E | 4.9 | 10.2 | 2.9 | | | | | | | | | 18.1 | 4.6 |
| ESE | 7.3 | 14.3 | 4.6 | 2.4 | | | | | | | | 28.5 | 5.5 |
| SE | 2.9 | 7.1 | 3.7 | 1.5 | | | | | | | | 15.2 | 6.1 |
| SSE | .9 | 1.1 | .7 | .2 | | | | | | | | 2.9 | 5.3 |
| S | .7 | .5 | | | | | | | | | | 1.3 | 3.1 |
| SSW | .5 | | | | | | | | | | | .5 | 2.7 |
| SW | .2 | | | | | | | | | | | .2 | 2.0 |
| WSW | | | | | | | | | | | | | |
| W | | .4 | | | | | | | | | | .4 | 5.0 |
| WNW | .5 | .4 | 1.1 | | | | | | | | | 2.0 | 5.9 |
| NW | 1.3 | .4 | .4 | | | | | | | | | 2.0 | 3.9 |
| NNW | .4 | .5 | .2 | .2 | | | | | | | | 1.3 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.6 | |
| | 25.8 | 38.0 | 15.0 | 8.9 | | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 567

3585

USAFETAC FORM AIL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,75-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOUR (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 | 1.2 | .3 | | | | | | | | | 3.6 | 3.5 |
| NNE | 1.6 | .9 | .5 | .2 | | | | | | | | 3.1 | 4.3 |
| NE | 2.0 | .8 | | | | | | | | | | 2.8 | 3.0 |
| ENE | 2.2 | 1.4 | .5 | | | | | | | | | 4.1 | 3.9 |
| E | 10.8 | 14.0 | 3.6 | .2 | | | | | | | | 28.5 | 4.2 |
| ESE | 4.1 | 12.8 | 6.7 | .5 | | | | | | | | 24.0 | 5.6 |
| SE | .6 | 4.2 | 3.6 | .6 | | | | | | | | 9.0 | 6.6 |
| SSE | .8 | | .2 | .3 | | | | | | | | 1.2 | 5.3 |
| S | .3 | | | | | | | | | | | .3 | 2.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | .3 | | | | | | | | | | | .3 | 2.0 |
| WNW | .2 | .6 | .3 | | | | | | | | | 1.1 | 5.3 |
| NW | 2.2 | 1.2 | .6 | | | | | | | | | 4.1 | 4.0 |
| NNW | 1.4 | .3 | .6 | .2 | | | | | | | | 2.5 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.3 | |
| | 28.9 | 37.6 | 16.8 | 1.9 | | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 691

USAFETAC FORM AUG 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
...TAC
A ...EATHER SERVICE/MAC

# SURFACE WINDS

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

...6618 LAUGHLIN AFB TX 69-70,73-80 SEP

ALL WEATHER 600-0800
(LST)

| 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 | .5 | .5 | | | | | | | | 3.3 | 5.5 |
| NNE | 2.8 | 2.1 | .2 | .1 | | | | | | | | 5.3 | 3.8 |
| NE | 1.3 | .7 | .2 | | | | | | | | | 2.2 | 3.7 |
| ENE | 2.9 | 2.5 | .2 | | | | | | | | | 5.5 | 3.6 |
| E | 8.6 | 13.0 | 3.5 | .1 | | | | | | | | 25.3 | 4.5 |
| ESE | 2.5 | 10.2 | 8.5 | .9 | | | | | | | | 21.5 | 6.2 |
| SE | 1.3 | 3.9 | 7.8 | .9 | .1 | | | | | | | 14.0 | 7.3 |
| SSE | .4 | .2 | .9 | .6 | | | | | | | | 2.1 | 8.6 |
| S | .2 | .1 | | | | | | | | | | .4 | 2.7 |
| SSW | .1 | | | | | | | | | | | .1 | 2.0 |
| SW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| WSW | .1 | | | | | | | | | | | .1 | 2.0 |
| W | .5 | .1 | .1 | | | | | | | | | .7 | 3.5 |
| WNW | .2 | .8 | | | .1 | .2 | | | | | | 1.4 | 8.8 |
| NW | .7 | 1.4 | 1.2 | .8 | | | | | | | | 3.7 | 6.1 |
| NNW | .5 | .5 | .8 | .8 | | | | | | | | 2.6 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.5 | |
| | 23.8 | 36.8 | 28.1 | 3.8 | .2 | .2 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 887

USAFETAC FORM AM 00 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

03596

L BAL CLIMATOLOGY BRANCH
AFETAC
A EATHER SERVICE/MAC

# SURFACE WINDS

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

22'15 LAUGHLIN AFB TX 69-70,73-80 SEP

ALL WEATHER 0900-1100

| 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 | 1.4 | .9 | .3 | .1 | | | | | | | 3.6 | 6.2 |
| NNE | .9 | 1.5 | .1 | .1 | | | | | | | | 2.6 | 4.4 |
| NE | .8 | .6 | .6 | | | | | | | | | 1.9 | 4.9 |
| ENE | .6 | 1.0 | .5 | | | | | | | | | 2.0 | 4.7 |
| E | 2.3 | 2.9 | 2.7 | .2 | | | | | | | | 8.1 | 5.7 |
| ESE | 2.4 | 6.3 | 7.6 | 1.0 | | | | | | | | 17.3 | 6.6 |
| SE | 2.6 | 7.8 | 14.5 | 3.1 | | | | | | | | 27.9 | 7.5 |
| SSE | 1.7 | 4.9 | 8.4 | 3.2 | .1 | | | | | | | 18.2 | 7.8 |
| S | 1.7 | 1.1 | .7 | .2 | | | | | | | | 3.7 | 4.8 |
| SSW | .1 | | | | | | | | | | | .1 | 3.0 |
| SW | .2 | | | | | | | | | | | .2 | 2.5 |
| WSW | .2 | .2 | | | | | | | | | | .5 | 3.5 |
| W | .1 | | .1 | | | | | | | | | .2 | 4.5 |
| WNW | .3 | .3 | .3 | | .3 | | | | | | | 1.4 | 8.5 |
| NW | .2 | .2 | 1.5 | .8 | | | | | | | | 2.7 | 9.4 |
| NNW | .4 | .3 | 1.4 | .8 | .2 | | | | | | | 3.3 | 9.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.1 | |
| | 15.4 | 28.4 | 39.1 | 9.7 | .8 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 884

USAFETAC FORM 0-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | .3 | 1.5 | 1.1 | .1 | .1 | | | | | | | 3.1 | 6.8 |
| NNE | .4 | .4 | .4 | | | | | | | | | 1.3 | 5.7 |
| NE | .7 | .4 | .4 | .1 | | | | | | | | 1.7 | 5.1 |
| ENE | .6 | .7 | .4 | .1 | | | * | | | | | 1.8 | 5.8 |
| E | 1.8 | 2.5 | 2.3 | .3 | | | | | | | | 6.9 | 5.7 |
| ESE | 1.5 | 5.9 | 5.0 | 1.1 | .1 | | | | | | | 13.6 | 6.9 |
| SE | 2.2 | 6.4 | 10.7 | 4.8 | | | | | | | | 24.2 | 8.0 |
| SSE | 2.2 | 5.9 | 8.2 | 5.1 | | | | | | | | 21.5 | 8.0 |
| S | 2.1 | 3.6 | 1.6 | 1.2 | | | | | | | | 8.5 | 6.1 |
| SSW | .4 | .8 | | | | | | | | | | 1.2 | 3.7 |
| SW | .7 | .1 | | | | | | | | | | .8 | 2.4 |
| WSW | .6 | .4 | | | | | | | | | | 1.0 | 3.2 |
| W | .2 | .2 | .2 | | | | | | | | | .7 | 5.5 |
| WNW | .3 | .4 | .4 | .1 | .3 | | | | | | | 1.7 | 8.9 |
| NW | .3 | .7 | 1.2 | .4 | .3 | | | | | | | 3.0 | 9.1 |
| NNW | .2 | 1.3 | 1.6 | 1.1 | .3 | | | | | | | 4.6 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 19.7 | 31.3 | 33.8 | 19.7 | 1.2 | | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 894

USAFETAC FORM AM 86 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3587

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 1.0 | 1.5 | 1.5 | .7 | .3 | .2 | | | | | | 5.2 | 7.9 |
| NNE | .6 | | .7 | .3 | .1 | | | | | | | 1.7 | 8.1 |
| NE | .5 | .3 | .5 | .1 | | | | | | | | 1.4 | 5.8 |
| ENE | 1.4 | .5 | .6 | .5 | | | | | | | | 2.8 | 6.1 |
| E | 1.5 | 4.4 | 2.0 | 1.0 | | | | | | | | 9.0 | 6.2 |
| ESE | 1.3 | 3.5 | 5.0 | 1.8 | | | | | | | | 11.6 | 7.3 |
| SE | 1.5 | 4.7 | 9.9 | 5.6 | .7 | | | | | | | 22.3 | 8.9 |
| SSE | 1.6 | 4.3 | 9.7 | 5.2 | | | | | | | | 20.8 | 8.4 |
| S | 1.0 | 1.6 | 2.4 | .5 | | | | | | | | 5.5 | 6.6 |
| SSW | .7 | 1.0 | .2 | | | | | | | | | 1.9 | 4.1 |
| SW | .7 | .5 | .1 | | | | | | | | | 1.3 | 3.8 |
| WSW | .7 | .7 | .1 | | | | | | | | | 1.5 | 3.3 |
| W | .3 | .3 | | .3 | .1 | | | | | | | 1.1 | 8.0 |
| WNW | .2 | .3 | .2 | .5 | .2 | | | | | | | 1.5 | 9.5 |
| NW | .3 | 1.6 | 1.1 | .8 | .1 | | | | | | | 4.0 | 8.0 |
| NNW | .2 | 1.1 | 1.3 | .8 | .1 | | | | | | | 3.5 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.9 | |
| | 14.9 | 26.9 | 35.3 | 18.1 | 1.7 | .2 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 879

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 1.2 | 1.3 | 1.1 | | .1 | | | | | | | 3.8 | 5.4 |
| NNE | .6 | .6 | .4 | .4 | | | | | | | | 2.0 | 6.1 |
| NE | .6 | .9 | .2 | .2 | | | | | | | | 2.0 | 5.4 |
| ENE | .7 | .7 | 1.5 | .6 | | | | | | | | 3.6 | 7.0 |
| E | 3.1 | 4.2 | 3.1 | 1.2 | | | | | | | | 11.5 | 5.9 |
| ESE | 2.9 | 8.1 | 5.3 | 1.7 | .1 | | | | | | | 18.2 | 6.2 |
| SE | 3.3 | 8.2 | 6.1 | 2.1 | | | | | | | | 19.8 | 6.3 |
| SSE | 2.2 | 6.6 | 4.3 | 2.1 | | | | | | | | 15.2 | 6.6 |
| S | 2.7 | 1.6 | .6 | .1 | | | | | | | | 5.0 | 4.1 |
| SSW | 1.2 | .1 | .1 | | | | | | | | | 1.5 | 3.3 |
| SW | .9 | | | | | | | | | | | .9 | 2.3 |
| WSW | .2 | | | | | | | | | | | .2 | 2.0 |
| W | .4 | .2 | | | | | | | | | | .6 | 3.2 |
| WNW | .4 | 1.2 | .7 | .5 | | | | | | | | 2.8 | 7.1 |
| NW | .7 | .9 | .4 | .2 | | | | | | | | 2.2 | 5.3 |
| NNW | .6 | .6 | .7 | .7 | | | | | | | | 2.7 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.1 | |
| | 21.8 | 35.3 | 28.5 | 9.9 | .2 | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 815

3508

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 1.1 | .9 | .5 | | | | | | | | | 2.5 | 4.5 |
| NNE | 1.6 | .7 | .9 | | | | | | | | | 3.2 | 4.5 |
| NE | 1.6 | 1.6 | .3 | .1 | | | | | | | | 3.6 | 4.1 |
| ENE | .9 | 1.5 | .7 | .5 | | | | | | | | 3.6 | 5.9 |
| E | 4.7 | 8.5 | 2.7 | .4 | | | | | | | | 16.2 | 5.0 |
| ESE | 4.8 | 11.6 | 7.3 | .9 | .1 | | | | | | | 24.7 | 5.7 |
| SE | 2.9 | 6.4 | 5.5 | 1.7 | .1 | | | | | | | 16.6 | 6.6 |
| SSE | 1.5 | 1.9 | 1.5 | .1 | .1 | | | | | | | 5.1 | 5.6 |
| S | 1.1 | .9 | .5 | | | | | | | | | 2.5 | 4.3 |
| SSW | .3 | .1 | .1 | | | | | | | | | .5 | 4.8 |
| SW | .4 | | | .1 | | | | | | | | .5 | 5.3 |
| WSW | .1 | .1 | | | | | | | | | | .3 | 3.0 |
| W | .7 | .1 | .1 | | | | | | | | | .9 | 3.4 |
| WNW | .4 | .5 | .7 | .3 | | | | | | | | 1.9 | 6.8 |
| NW | 1.3 | .4 | .7 | .5 | | | | | | | | 2.9 | 6.1 |
| NNW | .4 | .5 | .4 | | | | | | | | | 1.3 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.6 | |
| | 23.7 | 35.8 | 21.8 | 4.8 | .4 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 752

...L CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

22615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 1.1 | 1.3 | .8 | .2 | .1 | .0 | | | | | | 3.6 | 5.9 |
| NNE | 1.3 | .9 | .4 | .1 | .0 | | | | | | | 2.8 | 4.6 |
| NE | 1.0 | .7 | .3 | .1 | | | | | | | | 2.1 | 4.4 |
| ENE | 1.2 | 1.2 | .6 | .3 | | | | | | | | 3.3 | 5.2 |
| E | 4.4 | 7.0 | 2.8 | .5 | | | | | | | | 14.8 | 5.0 |
| ESE | 3.1 | 8.6 | 6.3 | 1.2 | .0 | | | | | | | 19.2 | 6.2 |
| SE | 2.2 | 6.1 | 8.2 | 2.7 | .1 | | | | | | | 19.3 | 7.4 |
| SSE | 1.5 | 3.4 | 4.6 | 2.3 | .0 | | | | | | | 11.8 | 7.6 |
| S | 1.3 | 1.3 | .8 | .3 | | | | | | | | 3.7 | 5.3 |
| SSW | .4 | .3 | .1 | | | | | | | | | .8 | 3.7 |
| SW | .4 | .1 | .0 | .0 | | | | | | | | .5 | 3.2 |
| WSW | .3 | .2 | .0 | | | | | | | | | .5 | 3.2 |
| W | .3 | .2 | .1 | .0 | .0 | | | | | | | .6 | 4.9 |
| WNW | .3 | .6 | .4 | .2 | .1 | .0 | | | | | | 1.7 | 7.7 |
| NW | .8 | .9 | .9 | .4 | .1 | | | | | | | 3.1 | 6.8 |
| NNW | .5 | .7 | .9 | .6 | .1 | | | | | | | 2.8 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 20.2 | 33.3 | 27.8 | 9.0 | .6 | .1 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 6259

3509

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72215 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 2.8 | 2.3 | 1.4 | .5 | | | | | | | | 6.9 | 5.1 |
| NNE | 4.7 | 1.9 | .5 | .5 | | | | | | | | 7.6 | 4.0 |
| NE | 1.9 | .5 | .5 | | | | | | | | | 2.9 | 3.7 |
| ENE | 1.6 | .2 | .5 | | | | | | | | | 2.3 | 3.8 |
| E | 5.9 | 7.5 | .7 | | .2 | | | | | | | 14.2 | 4.0 |
| ESE | 5.9 | 8.7 | 5.4 | .3 | | | | | | | | 20.3 | 5.0 |
| SE | 3.6 | 6.2 | 4.3 | 2.8 | .2 | | | | | | | 17.2 | 6.7 |
| SSE | .3 | .9 | .3 | .2 | .2 | | | | | | | 1.9 | 6.9 |
| S | .7 | .2 | .2 | | | | | | | | | 1.0 | 3.7 |
| SSW | .2 | .3 | | | | | | | | | | .5 | 3.7 |
| SW | | | | | | | | | | | | | |
| WSW | | .2 | | | | | | | | | | .2 | 5.0 |
| W | .5 | .3 | .2 | | | | | | | | | 1.0 | 3.8 |
| WNW | .9 | .5 | .2 | | | | | | | | | 1.6 | 3.4 |
| NW | .5 | 1.9 | .7 | | | | | | | | | 3.1 | 5.7 |
| NNW | .7 | .7 | .5 | | | | | | | | | 1.9 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.3 | |
| | 30.2 | 32.2 | 15.9 | 4.3 | .5 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 577

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

22019 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73,75-80 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) ...300-... (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 | 2.6 | .9 | .9 | .2 | | | | | | | 7.3 | 5.7 |
| NNE | 4.2 | 2.1 | .3 | | .2 | .2 | | | | | | 7.0 | 4.9 |
| NE | 2.0 | .6 | .3 | .2 | | | | | | | | 3.1 | 4.1 |
| ENE | .9 | 1.5 | .3 | | | | | | | | | 2.7 | 4.1 |
| E | 6.0 | 12.7 | 2.7 | .6 | | | | | | | | 24.1 | 4.5 |
| ESE | 4.7 | 10.2 | 4.4 | .8 | | | | | | | | 20.0 | 5.3 |
| SE | 1.4 | 2.6 | 4.8 | .6 | | | | | | | | 9.4 | 6.3 |
| SSE | .3 | .2 | 2.0 | .6 | .5 | | | | | | | 3.5 | 9.6 |
| S | | .2 | .3 | | | | | | | | | .5 | 7.3 |
| SSW | .2 | | .2 | | | | | | | | | .3 | 5.5 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | .8 | .3 | | .2 | | | | | | | | 1.2 | 4.2 |
| WNW | .2 | .6 | .6 | | | | | | | | | 1.4 | 6.2 |
| NW | .2 | 2.0 | .9 | | | | | | | | | 3.0 | 5.3 |
| NNW | .8 | .8 | 1.1 | .8 | | | | | | | | 3.3 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.7 | |
| | 26.3 | 36.2 | 18.8 | 4.5 | .8 | .2 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 960

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 2.3 | 1.4 | .7 | .2 | | | | | | | | 4.6 | 4.3 |
| NNE | 2.9 | 1.6 | .2 | .2 | .1 | | | | | | | 5.0 | 3.9 |
| NE | 1.9 | .9 | .2 | .1 | | | | | | | | 3.2 | 3.8 |
| ENE | 2.1 | .9 | .2 | .1 | | | | | | | | 3.3 | 3.5 |
| E | 6.5 | 11.4 | 3.6 | .6 | | | | | | | | 22.0 | 4.7 |
| ESE | 2.3 | 9.7 | 5.7 | .8 | | | | | | | | 18.6 | 6.1 |
| SE | .8 | 2.8 | 5.5 | 1.4 | | | | | | | | 10.4 | 7.5 |
| SSE | .1 | .9 | 2.1 | | | | | | | | | 3.1 | 7.3 |
| S | .3 | .6 | .6 | .1 | | | | | | | | 1.6 | 5.9 |
| SSW | .2 | .1 | | | | | | | | | | .3 | 3.0 |
| SW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| WSW | .1 | | | | | | | | | | | .1 | 3.0 |
| W | .5 | .1 | .1 | | | | | | | | | .7 | 3.5 |
| WNW | .7 | 2.4 | .2 | | | | | | | | | 3.3 | 4.5 |
| NW | 1.6 | 2.1 | .8 | .3 | | | | | | | | 4.8 | 5.2 |
| NNW | .9 | 1.7 | 1.5 | 1.1 | .5 | .1 | | | | | | 5.8 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.7 | |
| | 23.4 | 36.7 | 21.4 | 5.0 | .6 | .1 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 672

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

# SURFACE WINDS

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

72618 LAUGHLIN AFB TX 69-70,73-80 OCT
STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100
CLASS 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 | 1.0 | 1.3 | 2.0 | .6 | .1 | .2 | | | | | | 5.2 | 7.8 |
| NNE | .7 | .8 | .3 | .2 | | | | | | | | 2.0 | 5.3 |
| NE | .6 | .9 | .3 | | | | | | | | | 1.8 | 4.4 |
| ENE | .4 | .1 | .3 | .1 | | | | | | | | 1.0 | 6.2 |
| E | .7 | 2.8 | 2.0 | 1.1 | | | | | | | | 6.5 | 7.1 |
| ESE | 1.2 | 4.7 | 5.7 | 1.4 | | | | | | | | 13.1 | 7.1 |
| SE | 1.7 | 7.2 | 10.8 | 4.3 | .1 | | | | | | | 24.0 | 7.7 |
| SSE | 1.3 | 4.6 | 9.5 | 3.1 | .1 | | | | | | | 18.6 | 8.1 |
| S | .4 | 1.4 | 2.1 | .7 | | | | | | | | 4.6 | 7.4 |
| SSW | .2 | .4 | .1 | | | | | | | | | .8 | 4.7 |
| SW | .3 | | | | | | | | | | | .3 | 2.0 |
| WSW | .1 | .2 | | | | | | | | | | .3 | 4.0 |
| W | 1.2 | .6 | .4 | .2 | | | | | | | | 2.4 | 4.6 |
| WNW | 1.9 | .6 | .1 | .1 | | | | | | | | 2.6 | 3.6 |
| NW | .1 | .7 | 1.2 | .4 | | .1 | | | | | | 2.5 | 9.1 |
| NNW | .9 | 1.1 | 2.1 | 2.8 | .6 | .1 | | | | | | 7.5 | 9.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 12.7 | 27.3 | 37.0 | 15.0 | .9 | .4 | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 909

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3511

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 1.0 | 1.3 | 1.5 | 1.3 | .3 | | | | | | | 5.4 | 6.2 |
| NNE | .7 | .3 | .2 | | | | | | | | | 1.2 | 4.3 |
| NE | .5 | .2 | .2 | | | | | | | | | 1.0 | 4.4 |
| ENE | .1 | .7 | .3 | | .1 | | | | | | | 1.2 | 6.4 |
| E | .7 | 1.5 | .9 | .1 | | | | | | | | 3.2 | 5.4 |
| ESE | .9 | 2.2 | 4.1 | 1.5 | .1 | | | | | | | 8.8 | 7.7 |
| SE | 1.3 | 4.7 | 8.2 | 5.0 | | | | | | | | 19.2 | 8.3 |
| SSE | 1.4 | 4.8 | 11.9 | 6.8 | .5 | | | | | | | 25.4 | 9.1 |
| S | 1.2 | 3.1 | 4.5 | 2.0 | .1 | | | | | | | 10.8 | 7.6 |
| SSW | .3 | .8 | .7 | | | | | | | | | 1.7 | 5.6 |
| SW | .7 | .4 | | | | | | | | | | 1.1 | 3.2 |
| WSW | .7 | .4 | .3 | | | | | | | | | 1.4 | 3.9 |
| W | .5 | .7 | .3 | .1 | | | | | | | | 1.6 | 5.4 |
| WNW | .5 | .5 | .5 | | | .1 | | | | | | 1.7 | 6.6 |
| NW | .7 | 1.6 | .9 | .9 | | .2 | | | | | | 4.2 | 7.9 |
| NNW | .2 | 1.7 | 2.5 | 2.6 | .5 | .4 | | | | | | 8.1 | 10.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 11.3 | 24.9 | 37.0 | 20.3 | 1.7 | .8 | | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 LAUGHLIN AFB TX 69-70,73-80 OCT
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
CLASS 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 | 1.7 | 2.5 | 2.2 | .3 | | | | | | | 7.5 | 9.0 |
| NNE | .1 | 1.0 | .6 | .1 | | | | | | | | 1.8 | 6.4 |
| NE | .1 | .6 | .1 | .2 | | | | | | | | 1.0 | 6.4 |
| ENE | .3 | .7 | .3 | | | | | | | | | 1.3 | 4.6 |
| E | 1.3 | 1.8 | 1.1 | .2 | | | | | | | | 4.4 | 5.3 |
| ESE | 1.1 | 3.2 | 3.3 | 1.7 | | | | | | | | 9.2 | 7.1 |
| SE | 1.2 | 5.3 | 9.6 | 4.1 | .1 | | | | | | | 20.2 | 8.4 |
| SSE | 1.2 | 4.2 | 10.3 | 6.5 | .7 | | | | | | | 22.9 | 9.2 |
| S | 1.3 | 3.0 | 5.0 | 2.2 | .1 | | | | | | | 11.6 | 7.7 |
| SSW | .4 | .2 | .2 | | | | | | | | | .9 | 4.5 |
| SW | 1.0 | .3 | | | | | | | | | | 1.3 | 2.6 |
| WSW | .4 | .4 | .1 | | | | | | | | | 1.0 | 3.8 |
| W | .8 | .9 | .4 | | | | | | | | | 2.1 | 4.4 |
| WNW | .3 | .4 | .1 | .3 | | .2 | | | | | | 1.4 | 10.1 |
| NW | .2 | 1.0 | 1.2 | .6 | | .2 | | | | | | 3.2 | 9.0 |
| NNW | .7 | 2.4 | 1.7 | 1.0 | .2 | .3 | | | | | | 6.3 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 11.3 | 27.0 | 36.5 | 19.0 | 1.4 | .8 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 909

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3512

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOUR (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 | 1.9 | 1.9 | 1.4 | .2 | | | | | | | 6.5 | 7.4 |
| NNE | .9 | .8 | .4 | .5 | | | | | | | | 2.6 | 5.7 |
| NE | .6 | .5 | .5 | | | | | | | | | 1.5 | 5.3 |
| ENE | .5 | .4 | .5 | .4 | | | | | | | | 1.7 | 6.4 |
| E | 3.1 | 3.6 | 1.4 | .1 | | | | | | | | 8.2 | 4.5 |
| ESE | 4.7 | 8.2 | 3.7 | .7 | | | | | | | | 17.3 | 5.2 |
| SE | 4.7 | 7.9 | 4.4 | .9 | | | | | | | | 16.0 | 5.5 |
| SSE | 3.4 | 5.2 | 3.1 | 1.4 | | | | | | | | 13.1 | 5.8 |
| S | 1.8 | 2.7 | 1.7 | .1 | | | | | | | | 6.3 | 4.9 |
| SSW | 1.1 | .6 | | | | | | | | | | 1.7 | 3.3 |
| SW | .9 | .4 | | | | | | | | | | 1.3 | 2.9 |
| WSW | .6 | .5 | .1 | .1 | | | | | | | | 1.3 | 4.5 |
| W | .6 | 1.3 | .4 | .1 | | | | | | | | 2.4 | 5.2 |
| WNW | .4 | .9 | .4 | | | | | | | | | 1.7 | 5.3 |
| NW | 1.1 | 1.7 | .5 | .1 | .1 | | | | | | | 3.4 | 5.2 |
| NNW | .7 | 1.2 | 1.2 | .4 | .1 | | | | | | | 3.6 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.6 | |
| | 26.3 | 37.5 | 19.9 | 6.3 | .5 | | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 845

...AL CLIMATOLOGY BRANCH
...ETAC
A... EATH... SERVICE/MAC

# SURFACE WINDS

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

...-15 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-77 (YEARS) OCT (MONTH)

ALL WEATHER (TIME)

2150-2300 (GMT) (L.S.T.)

(OBSERVATION)

| 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 | 2.2 | 1.1 | 1.1 | .6 | | | | | | | 7.7 | 6.9 |
| NNE | 2.6 | 2.1 | .5 | .1 | | | | | | | | 5.2 | 3.9 |
| NE | 1.8 | .5 | .5 | | | | | | | | | 2.8 | 4.1 |
| ENE | 1.1 | .3 | .6 | .1 | | | | | | | | 2.2 | 4.8 |
| E | 4.7 | 4.5 | 2.2 | .5 | | | | | | | | 11.9 | 4.6 |
| ESE | 5.3 | 8.6 | 4.1 | 1.3 | .1 | | | | | | | 20.3 | 5.3 |
| SE | 5.3 | 7.8 | 2.9 | 1.1 | .1 | | | | | | | 17.0 | 5.2 |
| SSE | 2.3 | 3.1 | .5 | | | | | | | | | 6.6 | 4.3 |
| S | 2.4 | .9 | .3 | .1 | | | | | | | | 3.7 | 3.6 |
| SSW | .4 | | .1 | | | | | | | | | .5 | 3.8 |
| SW | .1 | .5 | | | | | | | | | | .6 | 4.2 |
| WSW | .3 | .1 | | | | | | | | | | .4 | 3.0 |
| W | .1 | .1 | .3 | | | | | | | | | .5 | 5.8 |
| WNW | .4 | .3 | .3 | | .1 | | | | | | | 1.0 | 6.3 |
| NW | .1 | .8 | | .1 | | | | | | | | 1.0 | 5.3 |
| NNW | .5 | .9 | .5 | .4 | | | | | | | | 2.3 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.2 | |
| | 30.8 | 33.5 | 13.8 | 5.0 | 1.0 | | | | | | | 106.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 781

3543

USAFETAC FORM AM 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

22515 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 1.7 | 1.7 | 1.5 | 1.1 | .2 | .0 | | | | | | 6.3 | 7.0 |
| NNE | 1.9 | 1.3 | .4 | .2 | .0 | .0 | | | | | | 3.7 | 4.4 |
| NE | 1.1 | .6 | .3 | .1 | | | | | | | | 2.1 | 4.3 |
| ENE | .8 | .6 | .4 | .1 | .0 | | | | | | | 1.9 | 4.7 |
| E | 3.6 | 5.3 | 1.8 | .4 | .0 | | | | | | | 11.2 | 4.8 |
| ESE | 3.1 | 6.6 | 4.5 | 1.1 | .0 | | | | | | | 15.4 | 6.0 |
| SE | 2.4 | 5.6 | 6.6 | 2.6 | .1 | | | | | | | 17.2 | 7.2 |
| SSE | 1.3 | 3.3 | 5.4 | 2.6 | .2 | | | | | | | 12.9 | 8.1 |
| S | 1.1 | 1.6 | 2.0 | .7 | .0 | | | | | | | 5.4 | 6.7 |
| SSW | .4 | .3 | .2 | | | | | | | | | .9 | 4.4 |
| SW | .4 | .2 | | | | | | | | | | .7 | 2.9 |
| WSW | .3 | .2 | .1 | .0 | | | | | | | | .6 | 4.0 |
| W | .6 | .6 | .3 | .1 | | | | | | | | 1.5 | 4.7 |
| WNW | .7 | .8 | .3 | .1 | .0 | .0 | | | | | | 1.9 | 5.5 |
| NW | .6 | 1.4 | .8 | .3 | .0 | .1 | | | | | | 3.3 | 6.6 |
| NNW | .7 | 1.4 | 1.5 | 1.2 | .3 | .1 | | | | | | 5.1 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.8 | |
| | 20.7 | 31.6 | 26.0 | 10.6 | 1.0 | .3 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 6473

USAFETAC FORM AM 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

72215 LAUGHLIN AFB TX 69-70,75-80 NOV

ALL WEATHER 0000-0200

| 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 | 2.7 | 1.2 | 3.0 | .2 | | | | | | | 12.0 | 6.8 |
| NNE | 4.0 | 3.0 | .8 | | | | | | | | | 7.8 | 3.7 |
| NE | .7 | 1.2 | | | | | | | | | | 1.8 | 3.8 |
| ENE | 1.7 | 1.8 | .2 | .3 | | | | | | | | 4.0 | 4.4 |
| E | 6.5 | 7.3 | 1.0 | .3 | | | | | | | | 15.1 | 4.1 |
| ESE | 3.6 | 7.3 | 3.5 | 1.8 | | | | | | | | 16.5 | 5.9 |
| SE | 1.5 | 4.2 | 2.7 | 1.2 | | | | | | | | 9.5 | 6.5 |
| SSE | .5 | 1.0 | .5 | .2 | | | | | | | | 2.2 | 5.6 |
| S | .5 | | | | | | | | | | | .5 | 2.3 |
| SSW | .3 | | | | | | | | | | | .3 | 2.5 |
| SW | | .2 | | | | | | | | | | .2 | 4.0 |
| WSW | .3 | .2 | | | | | | | | | | .5 | 3.7 |
| W | .3 | .3 | .3 | | | | | | | | | 1.4 | 5.0 |
| WNW | .2 | 2.0 | .5 | .2 | | | | | | | | 2.8 | 5.5 |
| NW | .8 | 1.7 | .8 | .7 | | | | | | | | 4.0 | 6.5 |
| NNW | .7 | 1.5 | 1.7 | .2 | .2 | | | | | | | 4.2 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.6 | |
| | 26.8 | 36.3 | 13.1 | 7.8 | .3 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 601

3514

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

72215 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,75-80 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(OBSERVER)

| 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 | 2.5 | 1.0 | 1.9 | | | | | | | | 6.9 | 6.0 |
| NNE | 3.3 | 3.6 | .7 | .2 | | | | | | | | 7.8 | 4.2 |
| NE | 1.0 | 1.6 | .9 | | | | | | | | | 3.5 | 4.7 |
| ENE | 3.5 | 1.0 | .2 | .2 | | | | | | | | 4.9 | 3.2 |
| E | 3.0 | 10.6 | 2.3 | | | | | | | | | 15.8 | 4.8 |
| ESE | 1.7 | 4.7 | 4.2 | .5 | | | | | | | | 11.1 | 6.0 |
| SE | 1.2 | 3.1 | 3.5 | 1.2 | | | | | | | | 9.0 | 7.1 |
| SSE | .3 | 1.0 | 1.0 | .3 | | | | | | | | 2.8 | 6.9 |
| S | .3 | .3 | .2 | | | | | | | | | .9 | 4.2 |
| SSW | .2 | .3 | | | | | | | | | | .5 | 3.0 |
| SW | | | | | | | | | | | | | |
| WSW | | .2 | | | | | | | | | | .2 | 4.0 |
| W | .3 | .7 | | | | | | | | | | 1.0 | 3.7 |
| WNW | 1.4 | 2.1 | .2 | | | | | | | | | 3.6 | 4.0 |
| NW | 1.0 | 3.1 | 1.2 | .5 | .2 | | | | | | | 6.1 | 6.1 |
| NNW | 1.2 | 1.9 | 1.7 | 1.6 | .9 | | | | | | | 7.3 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.7 | |
| | 22.2 | 36.6 | 17.0 | 6.9 | 1.0 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 576

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

22615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 3.2 | 1.2 | 1.3 | 1.1 | .1 | | | | | | | 6.9 | 5.8 |
| NNE | 1.9 | 2.5 | .2 | .4 | | | | | | | | 5.0 | 4.4 |
| NE | 1.2 | 1.0 | .2 | .2 | | | | | | | | 2.6 | 4.4 |
| ENE | 1.8 | 2.1 | | .1 | | | | | | | | 4.0 | 4.0 |
| E | 5.1 | 7.3 | 1.4 | | | | | | | | | 13.8 | 4.3 |
| ESE | 2.1 | 5.7 | 3.6 | .4 | | | | | | | | 11.8 | 5.7 |
| SE | 1.0 | 3.5 | 2.6 | 1.1 | | | | | | | | 8.1 | 6.8 |
| SSE | .7 | 1.3 | 1.4 | .1 | | | | | | | | 3.6 | 6.2 |
| S | .1 | .2 | .2 | | | | | | | | | .9 | 6.4 |
| SSW | .1 | | | | | | | | | | | .1 | 2.0 |
| SW | .1 | | | | | | | | | | | .1 | 1.0 |
| WSW | .1 | .1 | | | | | | | | | | .2 | 3.0 |
| W | 1.0 | .8 | .2 | | | | | | | | | 2.0 | 4.1 |
| WNW | 1.4 | 2.0 | .8 | .4 | .1 | | | | | | | 4.8 | 5.9 |
| NW | 2.7 | 3.3 | 2.9 | 1.1 | .1 | | | | | | | 9.4 | 6.5 |
| NNW | 1.9 | 1.4 | 1.8 | 2.0 | .6 | | | | | | | 7.7 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.2 | |
| | 23.8 | 32.5 | 16.8 | 6.8 | 1.0 | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 260

USAFETAC FORM AM 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L RAL CLIMATOLOGY BRANCH
/FETAC
A EATHER SERVICE/MAC

# SURFACE WINDS

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

(22615) LAUGHLIN AFB TX — 69-70,73-80 — NOV
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0900-1100
CLASS — 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 | 2.0 | 2.0 | 2.1 | .6 | | | | | | | 7.3 | 9.6 |
| NNE | 1.2 | | .5 | .2 | | | | | | | | 1.8 | 5.0 |
| NE | .9 | .6 | .2 | .1 | | | | | | | | 1.8 | 4.1 |
| ENE | .3 | .6 | .2 | | | | | | | | | 1.2 | 5.7 |
| E | 1.4 | 2.1 | 1.4 | .2 | | | | | | | | 5.1 | 5.6 |
| ESE | 1.2 | 6.0 | 4.0 | .9 | | | | | | | | 12.1 | 6.5 |
| SE | 2.8 | 5.7 | 8.8 | 1.7 | | | | | | | | 18.9 | 6.9 |
| SSE | 1.5 | 2.7 | 5.1 | 2.7 | | | | | | | | 11.9 | 7.6 |
| S | .6 | .8 | .5 | .1 | | | | | | | | 2.0 | 5.5 |
| SSW | .3 | .2 | | | | | | | | | | .6 | 3.0 |
| SW | .8 | .5 | .1 | | | | | | | | | 1.4 | 3.2 |
| WSW | .5 | .2 | | | | | | | | | | .7 | 2.0 |
| W | 1.3 | 1.4 | .5 | | | | | | | | | 3.1 | 4.2 |
| WNW | 1.2 | 1.4 | 1.0 | 1.4 | .3 | | | | | | | 5.2 | 8.4 |
| NW | .6 | 1.6 | 2.2 | 1.3 | .3 | | | | | | | 6.0 | 8.5 |
| NNW | .7 | .8 | 2.0 | 3.1 | 1.8 | .1 | | | | | | 8.5 | 11.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.5 | |
| | 15.7 | 26.4 | 26.4 | 13.8 | 3.1 | .1 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 867

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

# SURFACE WINDS

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

13915 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) ANN (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 | 1.6 | 2.8 | 1.8 | .2 | .1 | | | | | | 7.3 | 8.8 |
| NNE | .4 | .3 | .4 | .2 | | | | | | | | 1.5 | 6.5 |
| NE | .7 | .1 | .1 | | | | | | | | | .9 | 3.4 |
| ENE | .4 | | | | | | | | | | | .4 | 2.0 |
| E | .7 | 1.0 | .6 | .2 | | | | | | | | 2.5 | 5.4 |
| ESE | 1.2 | 2.7 | 3.0 | .3 | | | | | | | | 7.3 | 6.2 |
| SE | 1.7 | 4.7 | 8.3 | 3.3 | | | | | | | | 18.0 | 7.8 |
| SSE | 1.7 | 4.5 | 8.1 | 5.6 | .3 | | | | | | | 20.2 | 8.7 |
| S | .6 | 2.9 | 2.6 | .8 | .1 | | | | | | | 7.0 | 7.0 |
| SSW | .6 | .4 | | | | | | | | | | 1.0 | 3.6 |
| SW | .2 | .2 | .2 | | | | | | | | | .7 | 4.0 |
| WSW | .9 | .4 | | | | | | | | | | 1.3 | 2.6 |
| W | 1.2 | .4 | .1 | .1 | | | | | | | | 1.9 | 3.9 |
| WNW | .2 | 1.1 | 1.6 | .4 | .2 | | | | | | | 3.6 | 8.4 |
| NW | .6 | 1.1 | 2.2 | 2.5 | .8 | .1 | .1 | | | | | 7.4 | 10.9 |
| NNW | .7 | 2.9 | 2.7 | 3.6 | 1.6 | .4 | | | | | | 11.9 | 10.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.2 | |
| | 12.6 | 24.6 | 32.8 | 18.9 | 3.3 | .7 | .1 | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 691

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A ...EATHER SERVICE/MAC

# SURFACE WINDS

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

72251 | LAUGHLIN AFB TX | 69-70,73-80 | 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 | .7 | 2.1 | 4.4 | 2.1 | .3 | | | | | | | 9.6 | 6.9 |
| NNE | .2 | .9 | .6 | .1 | | | | | | | | 1.8 | 7.0 |
| NE | .2 | .2 | .4 | | | | | | | | | .9 | 6.5 |
| ENE | .4 | .2 | | | | | | | | | | .7 | 2.5 |
| E | 1.1 | 2.1 | .7 | | | | | | | | | 3.8 | 4.9 |
| ESE | 1.2 | 2.5 | 4.8 | .3 | | | | | | | | 8.9 | 6.5 |
| SE | 1.1 | 6.7 | 9.1 | 3.0 | | | | | | | | 20.0 | 7.7 |
| SSE | 1.1 | 5.1 | 7.2 | 4.7 | .3 | | | | | | | 18.4 | 8.5 |
| S | .9 | 1.6 | 2.2 | .6 | .2 | | | | | | | 5.5 | 7.2 |
| SSW | .4 | .4 | .1 | | | | | | | | | 1.0 | 3.8 |
| SW | .7 | .2 | | | | | | | | | | .9 | 2.4 |
| WSW | .8 | .2 | | | | | | | | | | 1.0 | 2.9 |
| W | .4 | .3 | .4 | .1 | | | | | | | | 1.3 | 6.9 |
| WNW | .3 | .8 | 1.0 | .7 | | | | | | | | 2.8 | 7.8 |
| NW | .1 | 1.1 | 2.6 | 2.2 | .1 | .1 | | | | | | 6.3 | 9.9 |
| NNW | .2 | 2.6 | 3.4 | 3.0 | 1.5 | .2 | .3 | | | | | 11.2 | 11.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.2 | |
| | 9.6 | 26.8 | 37.1 | 16.9 | 2.5 | .3 | .3 | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 891

AIR CLIMATOLOGY BRANCH
USAF
WEATHER SERVICE/MAC

# SURFACE WINDS

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

[illegible] LAUGHLIN AFB TX — 69-70,73-80 — NOV

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 18,21-00Z

CLASS — 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 | 2.2 | 3.2 | 2.2 | 2.1 | .4 | | | | | | | 1.4 | 7.2 |
| NNE | 1.1 | 1.7 | .6 | 1.0 | | | | | | | | 4.5 | 6.3 |
| NE | .4 | .5 | | | | | | | | | | .9 | 4.1 |
| ENE | 1.3 | .6 | .1 | | | | | | | | | 1.7 | 3.5 |
| E | 3.9 | 4.5 | .4 | .1 | | | | | | | | 8.9 | 3.7 |
| ESE | 4.4 | 7.7 | 2.1 | .1 | | | | | | | | 14.3 | 4.5 |
| SE | 4.1 | 3.5 | 3.5 | .2 | | | | | | | | 10.5 | 5.1 |
| SSE | 2.3 | 2.4 | .9 | .5 | | | | | | | | 6.1 | 5.2 |
| S | 1.6 | 2.2 | .1 | | | | | | | | | 3.9 | 3.6 |
| SSW | 1.2 | 1.2 | | | | | | | | | | 2.4 | 3.2 |
| SW | .6 | .7 | | | | | | | | | | 1.3 | 3.4 |
| WSW | 1.0 | .5 | | | | | | | | | | 1.5 | 2.8 |
| W | | 2.0 | .1 | | | | | | | | | 2.1 | 4.3 |
| WNW | 1.0 | 1.5 | .5 | | | | | | | | | 2.9 | 4.5 |
| NW | 1.1 | 1.6 | .9 | .6 | .1 | | | | | | | 4.3 | 6.6 |
| NNW | .6 | 1.5 | 2.6 | 1.5 | | .4 | | | | | | 6.5 | 9.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.4 | |
| | 26.5 | 40.5 | 13.7 | 6.1 | .5 | .4 | | | | | | [illegible] | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 82[illegible]

OL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 4.0 | 3.8 | 1.5 | 1.9 | | | | | | | | 11.2 | 5.5 |
| NNE | 2.2 | 3.6 | .8 | .3 | | | | | | | | 7.0 | 4.8 |
| NE | 1.6 | .4 | .3 | .1 | | | | | | | | 2.4 | 4.3 |
| ENE | 1.6 | 1.1 | | | | | | | | | | 2.7 | 3.1 |
| E | 5.5 | 6.1 | .7 | | .1 | | | | | | | 12.4 | 4.0 |
| ESE | 5.8 | 7.1 | 2.6 | 1.1 | .3 | | | | | | | 16.8 | 5.3 |
| SE | 2.6 | 7.1 | 1.5 | .7 | | | | | | | | 11.8 | 5.2 |
| SSE | .9 | .7 | 1.2 | .3 | | | | | | | | 3.1 | 5.8 |
| S | .3 | .3 | | | | | | | | | | .5 | 3.3 |
| SSW | .1 | .9 | | | | | | | | | | 1.1 | 4.1 |
| SW | .3 | | .1 | | | | | | | | | .4 | 4.0 |
| WSW | .5 | .5 | | | | | | | | | | 1.1 | 3.1 |
| W | .5 | .7 | .1 | | | | | | | | | 1.3 | 4.0 |
| WNW | .7 | 1.2 | .5 | | | | | | | | | 2.4 | 5.0 |
| NW | 1.1 | .9 | .9 | 1.1 | | | | | | | | 4.0 | 7.3 |
| NNW | 1.2 | 1.6 | 1.5 | .8 | .1 | .3 | | | | | | 5.5 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.2 | |
| | 28.9 | 36.2 | 11.7 | 6.2 | .5 | .3 | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 743

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

# SURFACE WINDS

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

72215 LAUGHLIN AFB TX 69-74,77-80 NOV

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

CLASS 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 | 2.4 | 2.1 | 2.0 | .2 | .0 | | | | | | 9.0 | 7.2 |
| NNE | 1.6 | 1.7 | .6 | .3 | | | | | | | | 4.3 | 4.9 |
| NE | .8 | .6 | .3 | .1 | | | | | | | | 1.3 | 4.4 |
| ENE | 1.2 | .9 | .1 | .1 | | | | | | | | 2.2 | 3.7 |
| E | 3.2 | 4.7 | 1.0 | .1 | .0 | | | | | | | 9.0 | 4.4 |
| ESE | 2.6 | 5.3 | 3.5 | .6 | .0 | | | | | | | 12.1 | 5.7 |
| SE | 2.0 | 5.6 | 5.3 | 1.6 | | | | | | | | 14.5 | 6.7 |
| SSE | 1.2 | 2.5 | 3.5 | 2.0 | .1 | | | | | | | 9.3 | 7.8 |
| S | .6 | 1.1 | .8 | .2 | .0 | | | | | | | 2.8 | 6.1 |
| SSW | .4 | .5 | .0 | | | | | | | | | .9 | 3.4 |
| SW | .4 | .2 | .1 | | | | | | | | | .7 | 3.2 |
| WSW | .5 | .3 | | | | | | | | | | .9 | 2.8 |
| W | .7 | .9 | .2 | .0 | | | | | | | | 1.8 | 4.4 |
| WNW | .8 | 1.5 | .8 | .4 | .1 | | | | | | | 3.6 | 6.5 |
| NW | .9 | 1.8 | 1.8 | 1.3 | .2 | .0 | .0 | | | | | 6.1 | 8.1 |
| NNW | .9 | 1.9 | 2.2 | 2.1 | .9 | .2 | .0 | | | | | 8.1 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.0 | |
| | 20.2 | 31.8 | 22.3 | 10.9 | 1.6 | .2 | .1 | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 6229

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72615 LAUGHLIN AFB TX 69-70,75-80 DEC

STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-0200

CLASS 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 | 2.9 | 1.8 | 1.1 | | | | | | | | 10.3 | 5.3 |
| NNE | 5.5 | 4.2 | .5 | .3 | .3 | | | | | | | 10.6 | 4.1 |
| NE | 2.1 | 1.0 | | | | | | | | | | 3.1 | 3.1 |
| ENE | 2.7 | 1.5 | | | | | | | | | | 4.2 | 2.9 |
| E | 5.2 | 7.4 | 1.6 | | | | | | | | | 14.2 | 4.2 |
| ESE | 2.9 | 6.6 | 3.4 | .6 | | | | | | | | 13.5 | 5.5 |
| SE | 1.6 | 3.7 | 2.6 | .5 | | | | | | | | 8.4 | 5.8 |
| SSE | .3 | .8 | | .2 | | | | | | | | 1.3 | 4.9 |
| S | .2 | .2 | | | | | | | | | | .3 | 3.5 |
| SSW | .2 | .2 | | | | | | | | | | .3 | 3.3 |
| SW | .5 | | | | | | | | | | | .5 | 2.0 |
| WSW | .2 | | | | | | | | | | | .2 | 2.0 |
| W | .6 | .8 | | .2 | | | | | | | | 1.6 | 5.1 |
| WNW | 1.5 | 1.9 | .5 | | .2 | | | | | | | 4.0 | 4.7 |
| NW | .8 | 3.1 | 1.3 | .2 | | | | | | | | 5.3 | 5.6 |
| NNW | .6 | 1.9 | 2.6 | 2.6 | | | | | | | | 7.7 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 29.4 | 36.1 | 14.2 | 5.6 | .5 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 620

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

722515 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,75-80 (YEARS) DEC (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 | 5.4 | 2.4 | 2.2 | 1.0 | .2 | | | | | | | 11.1 | 5.5 |
| NNE | 3.2 | 3.5 | 1.0 | .5 | | | | | | | | 8.3 | 4.5 |
| NE | 2.0 | 1.7 | .2 | .2 | | | | | | | | 4.0 | 3.8 |
| ENE | 2.2 | 1.2 | | | | | | | | | | 3.4 | 3.1 |
| E | 4.4 | 7.8 | 2.5 | | | | | | | | | 14.7 | 4.7 |
| ESE | .7 | 8.3 | 2.9 | .7 | | | | | | | | 12.5 | 6.0 |
| SE | 1.0 | 2.5 | 2.0 | .3 | | | | | | | | 5.9 | 5.9 |
| SSE | | .5 | .2 | .2 | | | | | | | | .8 | 7.2 |
| S | .3 | | | | | | | | | | | .3 | 2.0 |
| SSW | .2 | | | | | | | | | | | .2 | 2.0 |
| SW | .3 | | | | | | | | | | | .3 | 2.0 |
| WSW | .2 | | .2 | | | | | | | | | .3 | 5.0 |
| W | .7 | 1.5 | .3 | | | | | | | | | 2.5 | 4.6 |
| WNW | 1.5 | 3.7 | 1.0 | | | | | | | | | 6.2 | 4.9 |
| NW | 1.5 | 3.5 | .8 | .7 | | | | | | | | 6.6 | 5.4 |
| NNW | 1.0 | 2.4 | 2.5 | 2.5 | | | | | | | | 8.4 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.3 | |
| | 28.6 | 39.0 | 15.9 | 6.1 | .2 | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 593

3519

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72215 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 4.7 | 1.9 | .8 | .8 | .2 | | | | | | | 8.5 | 5.0 |
| NNE | 4.1 | 2.5 | | | | | | | | | | 6.6 | 3.0 |
| NE | 1.4 | .1 | .5 | | | | | | | | | 2.0 | 3.9 |
| ENE | 2.2 | 1.1 | | | | | | | | | | 3.2 | 2.8 |
| E | 3.2 | 6.9 | 1.0 | .1 | | | | | | | | 11.2 | 4.4 |
| ESE | 1.9 | 5.2 | 4.2 | .2 | | | | | | | | 11.5 | 5.7 |
| SE | 1.0 | 2.4 | 2.2 | .4 | | | | | | | | 5.9 | 6.2 |
| SSE | .4 | .1 | .6 | .2 | | | | | | | | 1.3 | 7.6 |
| S | .1 | .2 | .1 | | | | | | | | | .5 | 5.5 |
| SSW | .1 | | | | | | | | | | | .1 | 2.0 |
| SW | .4 | .1 | | | | | | | | | | .5 | 2.0 |
| WSW | | | .1 | | | | | | | | | .1 | 10.0 |
| W | .5 | .8 | .4 | | | | | | | | | 1.7 | 4.9 |
| WNW | 1.0 | 4.3 | 1.8 | .1 | .1 | | | | | | | 7.3 | 5.9 |
| NW | 1.7 | 4.1 | 2.3 | .6 | .5 | .2 | | | | | | 9.4 | 7.0 |
| NNW | 1.9 | 2.5 | 2.0 | 3.0 | .6 | | | | | | | 10.1 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.0 | |
| | 24.5 | 32.3 | 16.0 | 5.5 | 1.4 | .2 | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 832

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

5900-1100 (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 | 1.0 | 1.5 | 1.1 | 1.6 | .5 | | | | | | | 5.7 | 8.6 |
| NNE | 1.1 | .6 | | | | | | | | | | 1.7 | 3.2 |
| NE | .6 | .5 | | | | | | | | | | 1.0 | 3.1 |
| ENE | .6 | .3 | | | | | | | | | | .9 | 2.5 |
| E | .8 | 2.4 | .2 | | | | | | | | | 3.4 | 4.3 |
| ESE | 2.2 | 3.7 | 4.3 | .5 | | | | | | | | 10.7 | 6.1 |
| SE | 2.6 | 4.5 | 7.4 | 1.6 | | | | | | | | 16.1 | 7.0 |
| SSE | 1.9 | 3.2 | 3.4 | .9 | | | | | | | | 9.4 | 6.5 |
| S | .8 | 1.7 | .2 | | | | | | | | | 2.7 | 4.0 |
| SSW | .5 | .1 | | | | | | | | | | .6 | 2.2 |
| SW | .1 | .2 | | | | | | | | | | .3 | 3.3 |
| WSW | .7 | .1 | | | | | | | | | | .8 | 2.0 |
| W | 1.7 | .8 | .3 | | | | | | | | | 2.8 | 3.8 |
| WNW | 1.5 | 3.4 | 1.8 | .3 | | | .2 | | | | | 7.3 | 6.3 |
| NW | 1.5 | 2.2 | 3.2 | 3.0 | .3 | .1 | .1 | .1 | | | | 10.5 | 9.3 |
| NNW | 1.0 | 1.5 | 3.6 | 5.3 | .8 | | .1 | | | | | 12.4 | 10.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.6 | |
| | 18.5 | 26.7 | 25.7 | 13.2 | 1.6 | .1 | .5 | .1 | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 882

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3520

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | .3 | .2 | 1.6 | 1.4 | .3 | | | | | | | 3.9 | 10.5 |
| NNE | .1 | | .3 | .1 | | | | | | | | .6 | 7.8 |
| NE | .3 | .1 | .2 | | | | | | | | | .7 | 5.0 |
| ENE | .2 | | | | | | | | | | | .2 | 2.5 |
| E | 1.0 | .8 | .3 | | | | | | | | | 2.1 | 4.4 |
| ESE | 2.0 | 2.7 | 3.4 | .7 | | | | | | | | 8.7 | 6.3 |
| SE | 2.1 | 5.6 | 8.2 | 1.2 | .3 | | | | | | | 17.5 | 7.1 |
| SSE | 1.6 | 3.3 | 6.0 | 2.2 | .4 | | | | | | | 13.5 | 7.9 |
| S | 1.9 | 2.1 | 2.3 | .7 | | | | | | | | 7.0 | 6.0 |
| SSW | .2 | .2 | | | | | | | | | | .4 | 3.0 |
| SW | .2 | .4 | | | | | | | | | | .7 | 3.7 |
| WSW | .3 | .4 | | | | | | | | | | .8 | 3.1 |
| W | 1.6 | 1.2 | .9 | | | | | | | | | 3.7 | 4.4 |
| WNW | .9 | 2.3 | 2.9 | .9 | .2 | | .1 | .1 | | | | 7.4 | 8.2 |
| NW | .2 | 1.9 | 3.2 | 4.2 | .6 | .3 | .1 | | | | | 10.5 | 10.9 |
| NNW | .6 | 2.1 | 4.1 | 6.9 | .9 | .1 | | | | | | 14.6 | 11.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.8 | |
| | 13.5 | 23.5 | 33.4 | 18.3 | 2.8 | .4 | .2 | .1 | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 903

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

72261E (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | .2 | 1.7 | 2.3 | 2.5 | .6 | .3 | | | | | | 7.6 | 10.6 |
| NNE | .1 | .2 | .4 | .2 | | | | | | | | 1.0 | 8.0 |
| NE | .2 | .1 | .4 | | | | | | | | | .8 | 6.9 |
| ENE | .3 | | .1 | | | | | | | | | .4 | 3.3 |
| E | .9 | 2.0 | .3 | | | | | | | | | 3.2 | 4.6 |
| ESE | .9 | 3.7 | 4.8 | .7 | | | | | | | | 10.1 | 6.9 |
| SE | 1.8 | 5.1 | 8.7 | 2.1 | .1 | | | | | | | 17.9 | 7.5 |
| SSE | 1.3 | 4.5 | 6.8 | 2.5 | .2 | | | | | | | 15.3 | 7.8 |
| S | 1.5 | 2.1 | 2.0 | .7 | | | | | | | | 6.3 | 6.3 |
| SSW | .6 | .6 | .1 | | | | | | | | | 1.2 | 3.7 |
| SW | .1 | .2 | .1 | | | | | | | | | .4 | 4.5 |
| WSW | .2 | | .1 | | | | | | | | | .3 | 4.0 |
| W | .8 | .7 | .4 | .1 | | | | | | | | 2.0 | 4.7 |
| WNW | .4 | 1.0 | 1.8 | 1.1 | .2 | .3 | | | | | | 4.9 | 9.7 |
| NW | .7 | 2.6 | 3.2 | 1.5 | .6 | .3 | | | | | | 8.8 | 9.2 |
| NNW | .7 | 1.7 | 3.7 | 5.6 | .4 | | | | | | | 12.1 | 10.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.5 | |
| | 10.7 | 26.2 | 35.6 | 16.9 | 2.1 | 1.0 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 894

3521

USAFETAC FORM AK 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 1.1 | 3.0 | 2.6 | 1.5 | .4 | | | | | | | 8.5 | 7.7 |
| NNE | .5 | 1.0 | .2 | .4 | | | | | | | | 2.1 | 5.4 |
| NE | .6 | .5 | | | | | | | | | | 1.1 | 3.6 |
| ENE | 1.6 | .1 | | | | | | | | | | 1.7 | 2.5 |
| E | 3.2 | 4.0 | 1.9 | .1 | | | | | | | | 9.1 | 4.7 |
| ESE | 4.0 | 6.4 | 3.6 | .1 | | | | | | | | 14.1 | 5.0 |
| SE | 2.9 | 7.9 | 2.3 | | | | | | | | | 13.1 | 4.3 |
| SSE | 2.0 | 2.8 | .7 | .1 | | | | | | | | 5.7 | 4.3 |
| S | 1.6 | 2.7 | | | | | | | | | | 4.3 | 3.6 |
| SSW | 1.0 | 1.7 | | | | | | | | | | 2.7 | 3.6 |
| SW | .4 | .5 | | | | | | | | | | .9 | 3.6 |
| WSW | .7 | | | | | | | | | | | .7 | 2.0 |
| W | .9 | 1.2 | .2 | | | | | | | | | 2.3 | 4.0 |
| WNW | .7 | 2.2 | .5 | .4 | | | | | | | | 3.8 | 5.7 |
| NW | .6 | 2.8 | 1.9 | .4 | .1 | | | | | | | 5.8 | 6.7 |
| NNW | .7 | 2.0 | 2.1 | 2.5 | .5 | .1 | | | | | | 7.9 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.9 | |
| | 22.5 | 38.9 | 16.1 | 5.4 | 1.0 | .1 | | | | | | 129.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 609

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

# SURFACE WINDS

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

22213 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-73,73-80 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

2100-2400 (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 | 1.7 | 1.3 | 1.5 | .3 | | | | | | | 8.7 | 5.9 |
| NNE | 2.4 | 4.3 | .9 | .3 | | | | | | | | 10.8 | 4.0 |
| NE | 2.7 | 1.6 | .1 | | | | | | | | | 4.4 | 3.3 |
| ENE | 1.7 | 1.1 | .3 | | | | | | | | | 3.1 | 3.7 |
| E | 4.1 | 5.4 | .4 | .3 | | | | | | | | 10.2 | 3.9 |
| ESE | 3.5 | 3.8 | 2.8 | .1 | | | | | | | | 15.3 | 4.9 |
| SE | 1.9 | 6.3 | 2.3 | .5 | | | | | | | | 11.0 | 5.4 |
| SSE | 1.6 | 2.1 | .4 | .1 | | | | | | | | 4.3 | 4.3 |
| S | 1.2 | .3 | .1 | | | | | | | | | 1.6 | 3.2 |
| SSW | .1 | | | | | | | | | | | .1 | 3.0 |
| SW | .1 | | | | | | | | | | | .1 | 1.0 |
| WSW | | | | | | | | | | | | | |
| W | .5 | .3 | .3 | | | | | | | | | 1.1 | 4.5 |
| WNW | .7 | .8 | .8 | | | | | | | | | 2.3 | 5.1 |
| NW | 1.1 | 2.5 | 1.3 | .1 | | | | | | | | 5.1 | 5.7 |
| NNW | 1.6 | 1.9 | 2.7 | 1.7 | .4 | | | | | | | 6.3 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.7 | |
| | 30.1 | 37.1 | 13.8 | 4.7 | .7 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 747

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

72,615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 2.4 | 1.[illegible] | 1.7 | 1.5 | .3 | .0 | | | | | | 7.8 | 7.2 |
| NNE | 2.3 | 1.[illegible] | .4 | .2 | .0 | | | | | | | 4.7 | 4.1 |
| NE | 1.1 | .6 | .2 | .0 | | | | | | | | 2.0 | 3.7 |
| ENE | 1.3 | .6 | .0 | | | | | | | | | 2.0 | 3.[illegible] |
| E | 2.6 | 4.3 | .9 | .1 | | | | | | | | 7.9 | 4.4 |
| ESE | 3.2 | 5.4 | 3.7 | .4 | | | | | | | | 11.9 | 5.7 |
| SE | 1.[illegible] | 4.[illegible] | 4.8 | .9 | .1 | | | | | | | 12.5 | 6.[illegible] |
| SSE | 1.2 | 2.3 | 2.5 | .9 | .1 | | | | | | | 7.1 | 6.9 |
| S | 1.0 | 1.3 | .7 | .2 | | | | | | | | 3.2 | 5.2 |
| SSW | .4 | .4 | .0 | | | | | | | | | .7 | 3.3 |
| SW | .3 | .2 | .0 | | | | | | | | | .5 | 3.1 |
| WSW | .3 | .1 | .0 | | | | | | | | | .4 | 3.[illegible] |
| W | .9 | .9 | .4 | .0 | | | | | | | | 2.3 | 4.4 |
| WNW | 1.0 | 2.5 | 1.5 | .4 | .1 | .0 | .0 | .0 | | | | 5.5 | 6.7 |
| NW | 1.0 | 2.8 | 2.3 | 1.4 | .3 | .1 | .0 | .0 | | | | 8.0 | 8.2 |
| NNW | 1.0 | 2.0 | 3.0 | 4.0 | .5 | .0 | .0 | | | | | 10.5 | 9.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.2 | |
| | 21.0 | 31.9 | 22.2 | 10.0 | 1.4 | .3 | .1 | .0 | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 6278

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
TAC
A WEATHER SERVICE/MAC

# SURFACE WINDS

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

72265 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-81 (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 | 1.7 | 1.5 | 1.4 | 1.0 | .2 | .1 | | | | | | 5.6 | 7.5 |
| NNE | 1.3 | 1.1 | .4 | .2 | .0 | .0 | .0 | | | | | 3.1 | 5.0 |
| NE | .8 | .7 | .3 | .1 | .0 | .0 | | | | | | 1.9 | 4.6 |
| ENE | 1.0 | .8 | .3 | .1 | .0 | .0 | | .0 | | | | 2.2 | 4.6 |
| E | 2.7 | 5.3 | 2.8 | .6 | .2 | .0 | | | .0 | | | 11.5 | 5.5 |
| ESE | 2.3 | 6.2 | 8.7 | 2.7 | .1 | .0 | .0 | .0 | | | | 19.8 | 7.3 |
| SE | 1.6 | 5.5 | 8.4 | 4.1 | .2 | .0 | .0 | | | | | 19.9 | 8.0 |
| SSE | 1.1 | 2.7 | 4.3 | 2.3 | .2 | .0 | | | | | | 10.5 | 8.2 |
| S | .9 | 1.2 | 1.0 | .4 | .0 | .0 | | | | | | 3.4 | 6.2 |
| SSW | .2 | .3 | .1 | .0 | .0 | | | | | | | .7 | 3.9 |
| SW | .3 | .2 | .0 | .0 | .0 | | | | | | | .4 | 3.6 |
| WSW | .2 | .2 | .0 | .0 | .0 | | | | | | | .5 | 3.6 |
| W | .4 | .4 | .2 | .0 | .1 | .0 | | | | | | 1.1 | 4.9 |
| WNW | .5 | .9 | .5 | .2 | .1 | .0 | .0 | .0 | | | | 2.3 | 7.0 |
| NW | .8 | 1.2 | 1.0 | .7 | .2 | .1 | .0 | .0 | | | | 3.7 | 8.2 |
| NNW | .6 | 1.3 | 1.4 | 1.5 | .4 | .1 | .0 | .0 | | | | 4.9 | 9.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.4 | |
| | 15.9 | 29.7 | 30.1 | 14.0 | 1.5 | .3 | .0 | .0 | .0 | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 77392

USAFETAC FORM AIR 64 0-8-5 (DL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

# SURFACE WINDS

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

72215 (STATION) LAUGHLIN AFB TX (STATION NAME) 63-73,73-81 (YEARS) ALL (MONTH)

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

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE (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 | .6 | .5 | .4 | .1 | .0 | | | | | | 2.3 | 6.5 |
| NNE | .5 | .3 | .3 | .1 | .0 | | | | | | | 1.2 | 5.4 |
| NE | .5 | .4 | .2 | .0 | .0 | | | | | | | 1.1 | 4.6 |
| ENE | .5 | .7 | .3 | .1 | | .0 | | .0 | | | | 1.7 | 5.3 |
| E | 1.6 | 3.7 | 2.7 | .5 | .0 | .0 | | | .0 | | | 8.7 | 6.2 |
| ESE | 1.8 | 7.6 | 12.0 | 3.6 | .1 | | .0 | .0 | | | | 25.1 | 7.7 |
| SE | 1.8 | 7.4 | 15.2 | 5.2 | .0 | | | | | | | 29.5 | 8.1 |
| SSE | 1.3 | 2.5 | 4.8 | 1.1 | .0 | | | | | | | 9.4 | 7.5 |
| S | .5 | .9 | .6 | .2 | | .0 | | | | | | 2.2 | 6.0 |
| SSW | .2 | .2 | .0 | .0 | | | | | | | | .5 | 3.9 |
| SW | .2 | .1 | .0 | | .0 | | | | | | | .3 | 4.2 |
| WSW | .2 | .1 | .0 | | | | | | | | | .3 | 3.5 |
| W | .6 | .6 | .2 | .1 | | .0 | | | | | | 1.5 | 4.2 |
| WNW | .6 | .9 | .6 | .3 | .1 | .0 | | | | | | 2.5 | 6.9 |
| NW | .5 | 1.0 | 1.0 | .4 | .0 | .0 | | | | | | 3.0 | 7.1 |
| NNW | .5 | .6 | .8 | .8 | .2 | .0 | | | | | | 2.9 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.8 | |
| | 11.0 | 27.6 | 39.3 | 12.7 | .5 | .2 | .0 | .0 | .0 | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 7977

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# 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.

D

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.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

## 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 ≥ 400 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| ≥ 300 ≥ 200 | | | | | | | | | | | | | | | | |
| ≥ 100 ≥ 0 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | | 100.0 |

**EXAMPLE # 1** Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

**EXAMPLE # 2** Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the 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.

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# CEILING VERSUS VISIBILITY

72261 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) JAN (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 | 15.4 | 58.4 | 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 | 59.0 |
| ≥ 20000 | 15.9 | 60.6 | 61.1 | 61.1 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.6 |
| ≥ 18000 | 15.9 | 60.9 | 61.4 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.9 |
| ≥ 16000 | 15.9 | 60.9 | 61.4 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.9 |
| ≥ 14000 | 15.9 | 64.6 | 65.1 | 65.1 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.6 |
| ≥ 12000 | 15.9 | 65.6 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.6 |
| ≥ 10000 | 16.1 | 68.3 | 68.8 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.3 |
| ≥ 9000 | 16.1 | 68.6 | 69.1 | 69.1 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 |
| ≥ 8000 | 16.1 | 69.3 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.3 |
| ≥ 7000 | 16.1 | 69.5 | 69.9 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 |
| ≥ 6000 | 16.1 | 69.8 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.7 |
| ≥ 5000 | 16.1 | 70.3 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 |
| ≥ 4500 | 16.2 | 71.1 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 |
| ≥ 4000 | 16.4 | 72.3 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.6 |
| ≥ 3500 | 16.6 | 73.3 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.6 |
| ≥ 3000 | 16.6 | 75.2 | 76.0 | 76.0 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.7 |
| ≥ 2500 | 16.6 | 76.0 | 76.8 | 76.8 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.5 |
| ≥ 2000 | 17.5 | 78.9 | 80.2 | 80.2 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.9 |
| ≥ 1800 | 17.7 | 79.3 | 80.5 | 80.5 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.2 |
| ≥ 1500 | 17.7 | 80.5 | 81.8 | 81.8 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.5 |
| ≥ 1200 | 17.8 | 81.8 | 83.1 | 83.1 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 |
| ≥ 1000 | 17.8 | 82.0 | 83.3 | 83.4 | 83.8 | 83.9 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.4 |
| ≥ 900 | 17.8 | 82.8 | 84.4 | 84.6 | 85.2 | 85.4 | 85.5 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.9 | 86.0 |
| ≥ 800 | 18.2 | 83.6 | 85.2 | 85.5 | 86.3 | 86.5 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 87.0 | 87.1 |
| ≥ 700 | 18.2 | 84.1 | 86.0 | 86.3 | 87.3 | 87.5 | 87.6 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.1 | 88.4 |
| ≥ 600 | 18.3 | 84.4 | 86.7 | 87.3 | 88.6 | 88.7 | 89.1 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 90.2 |
| ≥ 500 | 18.3 | 85.0 | 87.3 | 88.3 | 89.5 | 89.7 | 90.4 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 91.0 | 91.6 |
| ≥ 400 | 18.5 | 85.5 | 88.1 | 89.4 | 91.0 | 91.2 | 92.1 | 92.4 | 92.6 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.4 | 94.2 |
| ≥ 300 | 18.6 | 85.9 | 88.6 | 89.9 | 92.0 | 92.3 | 93.6 | 94.1 | 94.2 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.8 |
| ≥ 200 | 18.6 | 85.9 | 88.7 | 90.0 | 92.3 | 92.6 | 94.5 | 95.3 | 95.5 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.5 | 97.6 |
| ≥ 100 | 18.6 | 85.9 | 88.7 | 90.0 | 92.3 | 92.6 | 94.7 | 95.7 | 96.1 | 96.8 | 97.3 | 97.4 | 97.6 | 97.7 | 97.9 | 99.4 |
| ≥ 0 | 18.6 | 85.9 | 88.7 | 90.0 | 92.3 | 92.6 | 94.7 | 95.7 | 96.1 | 96.8 | 97.3 | 97.4 | 97.6 | 97.7 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 622

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,76-81 (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 | 12.4 | 50.3 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.3 | 51.5 |
| ≥ 20000 | 14.2 | 54.5 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.5 | 55.6 |
| ≥ 18000 | 14.2 | 54.8 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.8 | 56.0 |
| ≥ 16000 | 14.2 | 54.8 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.8 | 56.0 |
| ≥ 14000 | 14.4 | 56.9 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.9 | 58.1 |
| ≥ 12000 | 14.4 | 57.4 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.4 | 58.5 |
| ≥ 10000 | 14.5 | 60.5 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.5 | 61.6 |
| ≥ 9000 | 14.5 | 60.8 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.8 | 61.9 |
| ≥ 8000 | 14.8 | 61.9 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.9 | 63.1 |
| ≥ 7000 | 14.8 | 62.1 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.1 | 63.2 |
| ≥ 6000 | 14.8 | 62.6 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.5 | 63.7 |
| ≥ 5000 | 14.8 | 63.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.4 | 64.5 |
| ≥ 4500 | 15.6 | 64.7 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.8 | 66.0 |
| ≥ 4000 | 15.6 | 66.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 68.1 | 68.2 |
| ≥ 3500 | 16.0 | 68.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.7 | 69.8 |
| ≥ 3000 | 16.2 | 69.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.2 | 70.3 |
| ≥ 2500 | 16.1 | 70.3 | 71.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.8 |
| ≥ 2000 | 16.1 | 73.4 | 74.4 | 74.4 | 74.5 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | 75.0 |
| ≥ 1800 | 16.3 | 74.4 | 75.3 | 75.3 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.8 | 76.0 |
| ≥ 1500 | 16.9 | 77.1 | 78.1 | 78.1 | 78.2 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 | 78.7 |
| ≥ 1200 | 17.3 | 78.4 | 79.5 | 79.5 | 79.7 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.2 | 80.3 |
| ≥ 1000 | 17.3 | 79.0 | 80.2 | 80.2 | 80.5 | 80.6 | 80.8 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 | 81.3 |
| ≥ 900 | 17.4 | 79.7 | 81.0 | 81.0 | 81.3 | 81.5 | 81.8 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.3 | 82.4 |
| ≥ 800 | 17.4 | 80.2 | 81.6 | 81.6 | 82.1 | 82.4 | 82.7 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.4 |
| ≥ 700 | 17.6 | 80.8 | 82.3 | 82.9 | 83.5 | 83.9 | 84.2 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.7 | 84.8 |
| ≥ 600 | 17.7 | 81.5 | 83.1 | 83.9 | 84.8 | 85.2 | 85.5 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.6 |
| ≥ 500 | 18.1 | 82.3 | 84.5 | 85.8 | 87.4 | 87.7 | 88.4 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.2 | 89.7 |
| ≥ 400 | 18.1 | 82.6 | 85.2 | 86.5 | 88.7 | 89.2 | 90.0 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.8 | 91.3 |
| ≥ 300 | 18.1 | 82.9 | 85.5 | 86.8 | 89.4 | 90.2 | 91.5 | 92.1 | 92.6 | 92.9 | 93.1 | 93.1 | 93.2 | 93.2 | 93.7 | 94.2 |
| ≥ 200 | 18.1 | 82.9 | 85.8 | 87.1 | 90.2 | 91.0 | 92.4 | 93.2 | 93.9 | 94.7 | 95.0 | 95.0 | 95.2 | 95.2 | 95.6 | 96.3 |
| ≥ 100 | 18.1 | 82.9 | 85.8 | 87.1 | 90.3 | 91.3 | 92.9 | 93.7 | 94.8 | 96.0 | 96.8 | 96.9 | 97.1 | 97.1 | 97.6 | 99.0 |
| ≥ 0 | 18.1 | 82.9 | 85.8 | 87.1 | 90.3 | 91.3 | 92.9 | 93.7 | 94.8 | 96.0 | 96.9 | 97.1 | 97.6 | 97.6 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 620

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JAN (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 | 22.3 | 42.6 | 43.5 | 43.6 | 43.8 | 44.1 | 44.4 | 44.6 | 44.6 | 44.6 | 44.8 | 44.8 | 44.9 | 44.9 | 44.9 | 45.0 |
| ≥ 20000 | 24.3 | 46.4 | 47.3 | 47.4 | 47.6 | 47.8 | 48.2 | 48.4 | 48.4 | 48.4 | 48.5 | 48.5 | 48.6 | 48.6 | 48.6 | 48.9 |
| ≥ 18000 | 24.3 | 46.5 | 47.4 | 47.5 | 47.7 | 47.9 | 48.3 | 48.5 | 48.5 | 48.5 | 48.6 | 48.6 | 48.7 | 48.7 | 48.7 | 49.0 |
| ≥ 16000 | 24.4 | 46.6 | 47.5 | 47.6 | 47.8 | 48.1 | 48.4 | 48.6 | 48.6 | 48.6 | 48.7 | 48.7 | 48.9 | 48.9 | 48.9 | 49.1 |
| ≥ 14000 | 24.7 | 47.8 | 48.7 | 48.9 | 49.1 | 49.3 | 49.7 | 49.9 | 49.9 | 49.9 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.3 |
| ≥ 12000 | 26.0 | 49.1 | 50.0 | 50.1 | 50.3 | 50.6 | 50.9 | 51.1 | 51.1 | 51.1 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 | 51.6 |
| ≥ 10000 | 26.1 | 50.3 | 51.3 | 51.4 | 51.6 | 51.8 | 52.2 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.8 |
| ≥ 9000 | 26.2 | 50.5 | 51.4 | 51.5 | 51.7 | 51.9 | 52.3 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 53.0 |
| ≥ 8000 | 26.5 | 51.3 | 52.2 | 52.3 | 52.5 | 52.7 | 53.1 | 53.3 | 53.3 | 53.3 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 53.8 |
| ≥ 7000 | 26.8 | 51.7 | 52.6 | 52.7 | 53.0 | 53.2 | 53.5 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.2 |
| ≥ 6000 | 27.2 | 52.7 | 53.6 | 53.8 | 54.0 | 54.2 | 54.6 | 54.8 | 54.8 | 54.8 | 54.9 | 54.9 | 55.0 | 55.0 | 55.0 | 55.2 |
| ≥ 5000 | 27.8 | 54.0 | 54.9 | 55.0 | 55.2 | 55.5 | 55.8 | 56.0 | 56.0 | 56.0 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.5 |
| ≥ 4500 | 28.1 | 55.2 | 56.2 | 56.3 | 56.5 | 56.7 | 57.1 | 57.3 | 57.3 | 57.3 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.7 |
| ≥ 4000 | 28.2 | 56.3 | 57.2 | 57.3 | 57.5 | 57.7 | 58.1 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.8 |
| ≥ 3500 | 29.4 | 57.7 | 58.7 | 58.8 | 59.0 | 59.2 | 59.6 | 59.8 | 59.8 | 59.8 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.3 |
| ≥ 3000 | 30.0 | 59.0 | 59.9 | 60.0 | 60.3 | 60.5 | 60.8 | 61.0 | 61.0 | 61.0 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.5 |
| ≥ 2500 | 31.3 | 61.6 | 62.5 | 62.6 | 62.9 | 63.1 | 63.4 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 64.1 |
| ≥ 2000 | 32.1 | 64.8 | 65.8 | 65.9 | 66.2 | 66.4 | 66.7 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.4 |
| ≥ 1800 | 32.5 | 65.4 | 66.4 | 66.5 | 66.7 | 67.0 | 67.3 | 67.5 | 67.5 | 67.5 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 68.0 |
| ≥ 1500 | 33.4 | 68.2 | 69.5 | 69.7 | 70.3 | 70.5 | 70.8 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.5 |
| ≥ 1200 | 33.8 | 70.0 | 71.4 | 71.6 | 72.2 | 72.4 | 72.9 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.6 |
| ≥ 1000 | 35.3 | 71.5 | 73.1 | 73.5 | 74.3 | 74.5 | 74.9 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.6 |
| ≥ 900 | 35.2 | 72.4 | 74.0 | 74.4 | 75.2 | 75.4 | 75.9 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.5 |
| ≥ 800 | 35.4 | 72.9 | 74.6 | 75.1 | 76.0 | 76.2 | 76.7 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.3 |
| ≥ 700 | 35.5 | 73.8 | 75.7 | 76.4 | 77.6 | 77.8 | 78.4 | 78.6 | 78.6 | 78.7 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 79.2 |
| ≥ 600 | 35.6 | 74.9 | 77.1 | 77.8 | 79.2 | 79.4 | 80.1 | 80.3 | 80.3 | 80.5 | 80.6 | 80.6 | 80.8 | 80.8 | 80.8 | 81.1 |
| ≥ 500 | 35.6 | 75.4 | 78.6 | 79.4 | 81.1 | 81.3 | 82.0 | 82.3 | 82.3 | 83.0 | 83.1 | 83.1 | 83.3 | 83.3 | 83.3 | 83.6 |
| ≥ 400 | 35.6 | 76.3 | 80.5 | 81.7 | 83.8 | 84.5 | 85.5 | 86.1 | 86.2 | 87.1 | 87.4 | 87.4 | 87.5 | 87.5 | 87.6 | 87.9 |
| ≥ 300 | 35.6 | 76.7 | 81.3 | 82.8 | 85.4 | 86.6 | 88.3 | 89.5 | 89.6 | 91.1 | 91.6 | 91.7 | 92.0 | 92.0 | 92.3 | 92.8 |
| ≥ 200 | 35.6 | 76.7 | 81.3 | 82.9 | 86.0 | 87.1 | 89.3 | 90.9 | 91.1 | 92.7 | 93.6 | 93.7 | 94.4 | 94.4 | 94.6 | 95.3 |
| ≥ 100 | 35.6 | 76.7 | 81.3 | 82.9 | 86.1 | 87.2 | 89.4 | 91.1 | 91.5 | 93.5 | 94.5 | 94.6 | 95.7 | 96.1 | 97.2 | 98.6 |
| ≥ 0 | 35.6 | 76.7 | 81.3 | 82.9 | 86.1 | 87.2 | 89.4 | 91.1 | 91.5 | 93.5 | 94.5 | 94.6 | 95.8 | 96.2 | 97.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 878

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72261 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JAN (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 | ≥½ | ≥¼ | ≥5/16 | ≥¼ | 0 |
| NO CEILING | 39.6 | 42.3 | 42.8 | 42.9 | 43.2 | 43.2 | 43.2 | 43.2 | 43.3 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| ≥ 20000 | 43.4 | 47.0 | 47.5 | 47.6 | 48.0 | 48.0 | 48.0 | 48.0 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| ≥ 18000 | 44.0 | 47.5 | 48.1 | 48.2 | 48.5 | 48.5 | 48.5 | 48.5 | 48.6 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| ≥ 16000 | 44.3 | 47.9 | 48.4 | 48.5 | 48.8 | 48.8 | 48.8 | 48.8 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 14000 | 45.0 | 48.5 | 49.1 | 49.2 | 49.5 | 49.5 | 49.5 | 49.5 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 12000 | 46.1 | 49.6 | 50.2 | 50.3 | 50.6 | 50.6 | 50.6 | 50.6 | 50.7 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| ≥ 10000 | 47.3 | 50.9 | 51.5 | 51.6 | 51.9 | 51.9 | 51.9 | 51.9 | 52.0 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| ≥ 9000 | 47.5 | 51.2 | 51.7 | 51.8 | 52.1 | 52.1 | 52.1 | 52.1 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 8000 | 48.2 | 52.0 | 52.6 | 52.7 | 53.0 | 53.0 | 53.0 | 53.0 | 53.1 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 7000 | 48.7 | 52.6 | 53.1 | 53.3 | 53.6 | 53.6 | 53.6 | 53.6 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| ≥ 6000 | 49.5 | 53.6 | 54.1 | 54.2 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 5000 | 50.6 | 54.8 | 55.3 | 55.5 | 55.8 | 55.8 | 55.8 | 55.8 | 55.9 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 4500 | 51.3 | 55.5 | 56.0 | 56.1 | 56.4 | 56.4 | 56.4 | 56.4 | 56.6 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 4000 | 52.6 | 56.8 | 57.3 | 57.4 | 57.8 | 57.8 | 57.8 | 57.8 | 57.9 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 3500 | 53.9 | 58.3 | 58.9 | 59.0 | 59.3 | 59.3 | 59.3 | 59.3 | 59.4 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 3000 | 54.9 | 59.5 | 60.1 | 60.2 | 60.5 | 60.5 | 60.5 | 60.5 | 60.6 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 2500 | 56.0 | 61.0 | 61.7 | 61.9 | 62.2 | 62.2 | 62.2 | 62.2 | 62.3 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 2000 | 58.3 | 64.5 | 65.4 | 65.5 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 1800 | 59.2 | 65.7 | 66.6 | 66.7 | 67.0 | 67.0 | 67.0 | 67.0 | 67.1 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 1500 | 60.5 | 68.1 | 69.5 | 69.6 | 70.0 | 70.0 | 70.0 | 70.0 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 1200 | 62.2 | 70.8 | 72.1 | 72.2 | 72.7 | 72.7 | 72.9 | 72.9 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 1000 | 63.6 | 72.9 | 74.2 | 74.3 | 74.8 | 74.8 | 75.0 | 75.0 | 75.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 900 | 64.4 | 73.8 | 75.2 | 75.3 | 75.7 | 75.7 | 76.0 | 76.0 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 800 | 65.4 | 75.1 | 76.7 | 77.1 | 77.5 | 77.5 | 77.7 | 77.7 | 77.8 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 700 | 65.7 | 76.0 | 77.8 | 78.2 | 79.1 | 79.1 | 79.3 | 79.4 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 600 | 66.9 | 77.8 | 80.5 | 81.0 | 82.4 | 82.5 | 82.8 | 82.9 | 83.0 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 500 | 67.3 | 78.5 | 81.4 | 82.5 | 84.0 | 84.7 | 85.3 | 85.8 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 400 | 67.3 | 79.1 | 82.5 | 83.6 | 86.9 | 87.2 | 88.1 | 89.2 | 89.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 300 | 67.3 | 79.2 | 82.6 | 83.9 | 87.1 | 88.2 | 89.3 | 91.2 | 91.8 | 93.1 | 93.7 | 94.0 | 94.2 | 94.2 | 94.4 | 94.6 |
| ≥ 200 | 67.3 | 79.2 | 82.7 | 84.0 | 87.2 | 88.3 | 89.5 | 91.4 | 92.4 | 94.3 | 95.4 | 96.0 | 96.6 | 96.7 | 97.4 | 97.9 |
| ≥ 100 | 67.3 | 79.2 | 82.7 | 84.0 | 87.2 | 88.3 | 89.5 | 91.4 | 92.4 | 94.5 | 95.8 | 96.5 | 97.0 | 97.2 | 98.3 | 99.2 |
| ≥ 0 | 67.3 | 79.2 | 82.7 | 84.0 | 87.2 | 88.3 | 89.5 | 91.4 | 92.6 | 94.5 | 95.8 | 96.5 | 97.0 | 97.2 | 98.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 907

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JAN (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 | 48.4 | 50.6 | 50.6 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| ≥ 20000 | 53.7 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 18000 | 54.7 | 57.4 | 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 | 57.5 |
| ≥ 16000 | 55.1 | 57.8 | 57.8 | 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 |
| ≥ 14000 | 55.7 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 12000 | 56.8 | 59.5 | 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 | 59.6 |
| ≥ 10000 | 58.7 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 9000 | 59.0 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 8000 | 60.4 | 63.3 | 63.3 | 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 |
| ≥ 7000 | 60.7 | 63.6 | 63.6 | 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 |
| ≥ 6000 | 61.5 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 5000 | 62.8 | 65.8 | 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 |
| ≥ 4500 | 64.2 | 67.2 | 67.2 | 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 |
| ≥ 4000 | 65.6 | 68.8 | 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 |
| ≥ 3500 | 66.6 | 69.9 | 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 | 70.0 |
| ≥ 3000 | 68.3 | 71.8 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 2500 | 70.2 | 74.4 | 74.5 | 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 |
| ≥ 2000 | 71.5 | 76.4 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 1800 | 72.1 | 76.9 | 77.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 1500 | 74.1 | 79.9 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 1200 | 75.4 | 82.1 | 82.9 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 1000 | 76.2 | 84.5 | 85.7 | 86.1 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 900 | 77.1 | 85.6 | 87.2 | 87.7 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 800 | 77.7 | 86.9 | 89.1 | 89.5 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 700 | 78.1 | 88.1 | 90.7 | 91.3 | 91.7 | 91.8 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 600 | 78.4 | 89.0 | 91.7 | 92.4 | 93.2 | 93.4 | 93.5 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 500 | 78.5 | 89.5 | 92.4 | 93.2 | 94.4 | 94.7 | 95.1 | 95.9 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 400 | 78.5 | 89.6 | 92.5 | 93.5 | 94.9 | 95.3 | 95.8 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 300 | 78.5 | 89.6 | 92.5 | 93.5 | 95.3 | 95.8 | 96.6 | 98.3 | 98.7 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 78.5 | 89.6 | 92.5 | 93.5 | 95.5 | 95.9 | 96.8 | 98.4 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 100 | 78.5 | 89.6 | 92.5 | 93.5 | 95.5 | 95.9 | 96.8 | 98.4 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 0 | 78.5 | 89.6 | 92.5 | 93.5 | 95.5 | 95.9 | 96.8 | 98.4 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 52.0 | 54.6 | 54.7 | 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 |
| ≥ 20000 | 60.3 | 63.3 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 18000 | 61.8 | 64.8 | 64.9 | 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 |
| ≥ 16000 | 62.1 | 65.1 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 14000 | 63.6 | 66.7 | 66.8 | 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 |
| ≥ 12000 | 65.0 | 68.2 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 10000 | 66.4 | 69.8 | 69.9 | 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 |
| ≥ 9000 | 67.1 | 70.5 | 70.6 | 70.6 | 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 | 68.3 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 7000 | 68.6 | 72.1 | 72.2 | 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 |
| ≥ 6000 | 69.3 | 72.7 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 5000 | 70.6 | 74.2 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 4500 | 71.3 | 75.0 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 4000 | 72.9 | 76.8 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 3500 | 74.9 | 78.9 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 3000 | 77.0 | 81.5 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 2500 | 78.0 | 82.5 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 2000 | 79.4 | 85.3 | 85.5 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 1800 | 79.5 | 85.7 | 85.8 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1500 | 80.2 | 87.4 | 87.5 | 87.6 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 1200 | 81.7 | 89.8 | 90.2 | 90.4 | 90.6 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 1000 | 82.8 | 91.6 | 92.1 | 92.3 | 92.5 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 900 | 83.5 | 92.3 | 92.8 | 93.1 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 800 | 84.0 | 93.1 | 93.7 | 93.9 | 94.4 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 700 | 84.0 | 93.5 | 94.5 | 94.7 | 95.2 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 600 | 84.1 | 93.6 | 94.7 | 94.9 | 95.7 | 95.8 | 96.1 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 500 | 84.1 | 93.7 | 94.8 | 95.1 | 96.0 | 96.3 | 97.0 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 400 | 84.1 | 94.0 | 95.1 | 95.4 | 96.5 | 96.9 | 97.6 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 300 | 84.1 | 94.0 | 95.2 | 95.5 | 96.7 | 97.2 | 98.4 | 98.9 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 84.1 | 94.0 | 95.2 | 95.5 | 96.7 | 97.2 | 98.4 | 98.9 | 99.1 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 84.1 | 94.0 | 95.2 | 95.5 | 96.7 | 97.2 | 98.4 | 98.9 | 99.1 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 84.1 | 94.0 | 95.2 | 95.5 | 96.7 | 97.2 | 98.4 | 98.9 | 99.1 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 921

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JAN (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 | 35.1 | 55.3 | 55.3 | 55.4 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.9 |
| ≥ 20000 | 39.7 | 62.0 | 62.0 | 62.1 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.6 |
| ≥ 18000 | 40.4 | 63.6 | 63.6 | 63.7 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.2 |
| ≥ 16000 | 40.5 | 63.9 | 63.9 | 64.1 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.6 |
| ≥ 14000 | 41.0 | 65.1 | 65.1 | 65.2 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 |
| ≥ 12000 | 42.5 | 68.5 | 68.5 | 68.6 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 |
| ≥ 10000 | 44.5 | 72.0 | 72.0 | 72.1 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 |
| ≥ 9000 | 44.6 | 72.1 | 72.1 | 72.2 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 |
| ≥ 8000 | 44.9 | 72.5 | 72.5 | 72.6 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 |
| ≥ 7000 | 45.5 | 73.6 | 73.6 | 73.7 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 |
| ≥ 6000 | 46.0 | 74.2 | 74.2 | 74.3 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 |
| ≥ 5000 | 46.1 | 74.7 | 74.7 | 74.8 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 |
| ≥ 4500 | 46.7 | 76.1 | 76.1 | 76.2 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 |
| ≥ 4000 | 47.3 | 76.8 | 76.8 | 77.0 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 |
| ≥ 3500 | 48.2 | 77.9 | 77.9 | 78.1 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.6 |
| ≥ 3000 | 48.9 | 79.1 | 79.1 | 79.2 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 |
| ≥ 2500 | 50.3 | 82.5 | 82.5 | 82.7 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 |
| ≥ 2000 | 51.1 | 84.0 | 84.0 | 84.1 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 |
| ≥ 1800 | 51.4 | 84.6 | 84.9 | 85.0 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 |
| ≥ 1500 | 52.0 | 87.0 | 87.5 | 87.6 | 88.2 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 |
| ≥ 1200 | 52.7 | 88.4 | 89.2 | 89.3 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 |
| ≥ 1000 | 53.7 | 90.1 | 91.1 | 91.2 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 |
| ≥ 900 | 54.0 | 91.0 | 92.2 | 92.3 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.6 |
| ≥ 800 | 54.5 | 91.6 | 92.8 | 93.1 | 93.9 | 93.9 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 |
| ≥ 700 | 54.8 | 92.1 | 93.6 | 93.8 | 94.7 | 94.7 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.2 |
| ≥ 600 | 54.8 | 92.1 | 93.6 | 93.8 | 95.0 | 95.0 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.7 |
| ≥ 500 | 54.8 | 92.2 | 93.7 | 94.1 | 95.5 | 95.5 | 95.9 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 |
| ≥ 400 | 54.8 | 92.2 | 93.7 | 94.2 | 95.8 | 96.0 | 97.0 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 |
| ≥ 300 | 54.8 | 92.2 | 93.7 | 94.2 | 95.8 | 96.0 | 97.3 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 |
| ≥ 200 | 54.8 | 92.2 | 93.8 | 94.3 | 96.0 | 96.3 | 97.9 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 100 | 54.8 | 92.2 | 93.8 | 94.3 | 96.0 | 96.3 | 97.9 | 98.9 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 100.0 |
| ≥ 0 | 54.8 | 92.2 | 93.8 | 94.3 | 96.0 | 96.3 | 97.9 | 98.9 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 807

USAF ETAC FORM NO. 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722515 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (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 | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 24.3 | 57.8 | 58.0 | 58.0 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 20000 | 25.6 | 61.8 | 62.1 | 62.1 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 18000 | 26.0 | 63.1 | 63.4 | 63.4 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 16000 | 26.0 | 63.1 | 63.4 | 63.4 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 14000 | 26.5 | 65.1 | 65.4 | 65.4 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 12000 | 26.7 | 66.7 | 67.0 | 67.0 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 10000 | 27.6 | 69.0 | 69.2 | 69.2 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 9000 | 27.6 | 69.1 | 69.4 | 69.4 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 8000 | 27.6 | 69.4 | 69.6 | 69.6 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 7000 | 27.6 | 69.9 | 70.2 | 70.2 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 6000 | 28.1 | 70.7 | 71.0 | 71.0 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥ 5000 | 28.1 | 71.2 | 71.8 | 71.8 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 4500 | 28.1 | 72.9 | 73.5 | 73.5 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 4000 | 28.2 | 73.5 | 74.1 | 74.0 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 3500 | 28.9 | 74.7 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 3000 | 29.2 | 76.0 | 76.5 | 76.5 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 2500 | 29.6 | 78.5 | 79.0 | 79.0 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 2000 | 30.6 | 80.1 | 80.6 | 80.6 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 1800 | 30.9 | 81.0 | 81.6 | 81.6 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 1500 | 31.2 | 82.6 | 83.4 | 83.4 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 1200 | 31.8 | 84.6 | 85.5 | 85.7 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 1000 | 32.4 | 86.1 | 87.1 | 87.4 | 87.8 | 87.8 | 88.1 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 900 | 32.5 | 86.6 | 87.7 | 87.9 | 88.3 | 88.3 | 88.6 | 88.7 | 88.7 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 800 | 32.6 | 87.1 | 88.3 | 88.6 | 89.1 | 89.1 | 89.5 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 700 | 33.0 | 88.5 | 89.8 | 90.1 | 90.6 | 90.6 | 91.0 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 600 | 33.3 | 88.9 | 90.3 | 90.6 | 91.1 | 91.1 | 91.6 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 500 | 33.6 | 89.1 | 90.6 | 90.8 | 91.5 | 91.5 | 92.4 | 92.7 | 92.7 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 400 | 33.6 | 89.2 | 90.8 | 91.4 | 92.2 | 92.4 | 93.8 | 94.3 | 94.3 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 95.0 |
| ≥ 300 | 33.7 | 89.3 | 91.0 | 91.9 | 93.1 | 93.6 | 95.4 | 96.2 | 96.2 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.1 |
| ≥ 200 | 33.7 | 89.3 | 91.0 | 91.9 | 93.5 | 94.0 | 96.3 | 97.1 | 97.1 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 98.3 |
| ≥ 100 | 33.7 | 89.3 | 91.0 | 91.9 | 93.6 | 94.2 | 96.4 | 97.5 | 97.5 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.5 | 99.5 |
| ≥ 0 | 33.7 | 89.3 | 91.0 | 91.9 | 93.6 | 94.2 | 96.4 | 97.5 | 97.5 | 97.9 | 98.1 | 98.1 | 98.3 | 98.3 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 754

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JAN (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 | 32.7 | 51.1 | 51.4 | 51.5 | 51.7 | 51.7 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 20000 | 36.7 | 56.3 | 56.6 | 56.7 | 56.9 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 |
| ≥ 18000 | 37.2 | 57.1 | 57.5 | 57.5 | 57.7 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 16000 | 37.4 | 57.3 | 57.7 | 57.8 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 |
| ≥ 14000 | 38.1 | 58.8 | 59.2 | 59.3 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.8 |
| ≥ 12000 | 38.9 | 60.3 | 60.7 | 60.7 | 60.9 | 61.0 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 |
| ≥ 10000 | 39.9 | 62.4 | 62.8 | 62.9 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 |
| ≥ 9000 | 40.1 | 62.7 | 63.1 | 63.2 | 63.4 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.7 |
| ≥ 8000 | 40.7 | 63.6 | 64.0 | 64.0 | 64.2 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 |
| ≥ 7000 | 41.0 | 64.1 | 64.4 | 64.5 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 |
| ≥ 6000 | 41.5 | 64.8 | 65.2 | 65.2 | 65.4 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 |
| ≥ 5000 | 42.1 | 65.8 | 66.2 | 66.3 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 |
| ≥ 4500 | 42.7 | 67.0 | 67.4 | 67.5 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 68.0 |
| ≥ 4000 | 43.5 | 68.3 | 68.7 | 68.8 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.3 |
| ≥ 3500 | 44.5 | 69.7 | 70.1 | 70.2 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.7 |
| ≥ 3000 | 45.4 | 71.2 | 71.6 | 71.7 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 |
| ≥ 2500 | 46.4 | 73.2 | 73.7 | 73.7 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 |
| ≥ 2000 | 47.5 | 75.8 | 76.3 | 76.4 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 |
| ≥ 1800 | 47.9 | 76.4 | 77.1 | 77.1 | 77.4 | 77.4 | 77.5 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 |
| ≥ 1500 | 48.7 | 78.7 | 79.5 | 79.6 | 79.9 | 80.0 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.3 |
| ≥ 1200 | 49.6 | 80.7 | 81.7 | 81.8 | 82.2 | 82.2 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 |
| ≥ 1000 | 50.5 | 82.2 | 83.4 | 83.6 | 84.0 | 84.1 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 |
| ≥ 900 | 50.9 | 83.0 | 84.3 | 84.5 | 85.0 | 85.1 | 85.3 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 |
| ≥ 800 | 51.3 | 83.8 | 85.3 | 85.6 | 86.2 | 86.3 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 |
| ≥ 700 | 51.6 | 84.7 | 86.4 | 86.8 | 87.5 | 87.6 | 87.9 | 88.0 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 |
| ≥ 600 | 51.9 | 85.4 | 87.3 | 87.8 | 88.8 | 89.0 | 89.3 | 89.6 | 89.6 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 90.0 |
| ≥ 500 | 52.1 | 85.8 | 88.0 | 88.7 | 90.0 | 90.3 | 90.9 | 91.3 | 91.4 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.9 |
| ≥ 400 | 52.3 | 86.1 | 88.7 | 89.5 | 91.2 | 91.7 | 92.6 | 93.3 | 93.4 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.1 |
| ≥ 300 | 52.0 | 86.3 | 88.9 | 89.9 | 91.9 | 92.6 | 93.8 | 94.9 | 95.2 | 95.8 | 96.1 | 96.2 | 96.2 | 96.2 | 96.4 | 96.7 |
| ≥ 200 | 52.0 | 86.3 | 89.0 | 90.0 | 92.2 | 92.8 | 94.4 | 95.6 | 96.0 | 96.8 | 97.2 | 97.3 | 97.5 | 97.5 | 97.7 | 98.2 |
| ≥ 100 | 52.0 | 86.3 | 89.0 | 90.0 | 92.3 | 92.9 | 94.5 | 95.7 | 96.2 | 97.1 | 97.7 | 97.9 | 98.2 | 98.3 | 98.7 | 99.5 |
| ≥ 0 | 52.0 | 86.3 | 89.0 | 90.0 | 92.3 | 92.9 | 94.5 | 95.7 | 96.2 | 97.1 | 97.7 | 97.9 | 98.3 | 98.4 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6433

GL PAL CLIMATOLOGY BRANCH
AFETAC
AI EATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

| 72215 | LAUGHLIN AFB TX | 70,73,75-81 | FEB |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 17.3 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 |
| ≥ 20000 | 17.3 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.2 | 68.2 | 68.2 | 68.2 | 68.4 | 68.4 | 68.4 |
| ≥ 18000 | 17.3 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.2 | 68.2 | 68.2 | 68.2 | 68.4 | 68.4 | 68.4 |
| ≥ 16000 | 17.3 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.2 | 68.2 | 68.2 | 68.2 | 68.4 | 68.4 | 68.4 |
| ≥ 14000 | 17.5 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.2 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 | 69.4 |
| ≥ 12000 | 18.0 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 |
| ≥ 10000 | 18.1 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.2 | 71.2 | 71.2 |
| ≥ 9000 | 18.1 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 |
| ≥ 8000 | 18.1 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 |
| ≥ 7000 | 18.6 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.3 | 73.3 | 73.3 |
| ≥ 6000 | 18.6 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.3 | 73.3 | 73.3 |
| ≥ 5000 | 18.9 | 73.8 | 74.3 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 |
| ≥ 4500 | 18.6 | 73.8 | 74.3 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 |
| ≥ 4000 | 18.8 | 74.1 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.8 | 74.8 | 74.8 |
| ≥ 3500 | 19.1 | 75.5 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.3 | 76.3 | 76.3 |
| ≥ 3000 | 19.1 | 75.9 | 76.4 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 |
| ≥ 2500 | 19.6 | 78.9 | 79.6 | 79.7 | 79.9 | 79.9 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.4 | 80.4 | 80.4 |
| ≥ 2000 | 20.4 | 81.9 | 83.9 | 84.0 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 |
| ≥ 1800 | 20.6 | 82.7 | 84.7 | 84.8 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 |
| ≥ 1500 | 20.8 | 84.3 | 86.5 | 86.7 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.5 | 87.5 | 87.5 |
| ≥ 1200 | 21.1 | 85.2 | 87.6 | 87.8 | 88.3 | 88.3 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 |
| ≥ 1000 | 21.1 | 86.0 | 88.5 | 88.6 | 89.1 | 89.1 | 89.3 | 89.3 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 |
| ≥ 900 | 21.1 | 86.3 | 89.0 | 89.3 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 |
| ≥ 800 | 21.1 | 87.3 | 90.0 | 90.3 | 90.9 | 90.9 | 91.1 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 |
| ≥ 700 | 21.1 | 87.6 | 90.4 | 90.8 | 91.4 | 91.4 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 92.1 | 92.1 | 92.1 |
| ≥ 600 | 21.1 | 88.6 | 91.4 | 91.8 | 92.4 | 92.4 | 92.9 | 92.9 | 92.9 | 93.1 | 93.1 | 93.1 | 93.2 | 93.4 | 93.4 | 93.4 |
| ≥ 500 | 21.1 | 89.3 | 92.9 | 93.6 | 94.4 | 94.4 | 95.2 | 95.2 | 95.2 | 95.4 | 95.4 | 95.4 | 95.6 | 95.7 | 95.7 | 95.7 |
| ≥ 400 | 21.1 | 90.1 | 94.2 | 94.9 | 96.2 | 96.2 | 97.2 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.7 | 97.9 | 97.9 | 97.9 |
| ≥ 300 | 21.1 | 90.3 | 94.4 | 95.1 | 96.7 | 96.7 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.4 | 98.5 | 98.8 | 98.8 |
| ≥ 200 | 21.1 | 90.3 | 94.4 | 95.2 | 97.0 | 97.0 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8 | 99.0 | 99.3 | 99.3 |
| ≥ 100 | 21.1 | 90.3 | 94.4 | 95.2 | 97.0 | 97.0 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.0 | 99.2 | 100.0 | 100.0 |
| ≥ 0 | 21.1 | 90.3 | 94.4 | 95.2 | 97.0 | 97.0 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.0 | 99.2 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 607

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

702615 STATION | LAUGHLIN AFB TX STATION NAME | 70,73,75-81 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 | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 13.6 | 55.8 | 55.8 | 55.8 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 |
| ≥ 20000 | 14.4 | 57.5 | 57.5 | 57.6 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.3 | 58.3 | 58.3 |
| ≥ 18000 | 14.4 | 57.8 | 57.8 | 58.0 | 58.3 | 58.3 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.6 | 58.6 |
| ≥ 16000 | 14.4 | 57.8 | 57.8 | 58.0 | 58.3 | 58.3 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.6 | 58.6 | 58.6 |
| ≥ 14000 | 14.6 | 59.3 | 59.3 | 59.4 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.1 | 60.1 | 60.1 |
| ≥ 12000 | 15.1 | 60.8 | 60.8 | 60.9 | 61.2 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.6 | 61.6 | 61.6 |
| ≥ 10000 | 15.3 | 61.7 | 61.7 | 61.9 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.6 | 62.6 | 62.6 |
| ≥ 9000 | 15.3 | 61.7 | 61.7 | 61.9 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.6 | 62.6 | 62.6 |
| ≥ 8000 | 15.3 | 61.7 | 61.7 | 61.9 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.6 | 62.6 | 62.6 |
| ≥ 7000 | 15.4 | 62.2 | 62.2 | 62.4 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.1 | 63.1 | 63.1 |
| ≥ 6000 | 15.6 | 62.4 | 62.4 | 62.6 | 62.9 | 62.9 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 |
| ≥ 5000 | 15.8 | 63.2 | 63.2 | 63.4 | 63.7 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.0 | 64.0 | 64.0 |
| ≥ 4500 | 15.9 | 63.9 | 63.9 | 64.0 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 | 64.7 |
| ≥ 4000 | 15.9 | 63.9 | 63.9 | 64.0 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 | 64.7 |
| ≥ 3500 | 16.1 | 64.4 | 64.4 | 64.5 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 |
| ≥ 3000 | 16.3 | 64.5 | 64.5 | 64.7 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 |
| ≥ 2500 | 17.6 | 68.8 | 69.0 | 69.1 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 |
| ≥ 2000 | 18.6 | 72.7 | 72.9 | 73.1 | 73.4 | 73.4 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 |
| ≥ 1800 | 18.6 | 73.7 | 74.4 | 74.5 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.2 | 75.2 | 75.2 |
| ≥ 1500 | 19.0 | 76.5 | 77.2 | 77.3 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 78.0 | 78.0 | 78.0 |
| ≥ 1200 | 19.2 | 79.8 | 80.5 | 80.6 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.3 | 81.3 | 81.3 |
| ≥ 1000 | 19.2 | 81.3 | 81.9 | 82.1 | 82.4 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.8 | 82.8 | 82.8 |
| ≥ 900 | 19.2 | 81.9 | 82.8 | 83.1 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.9 | 83.9 | 83.9 |
| ≥ 800 | 19.2 | 83.7 | 84.6 | 84.9 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 |
| ≥ 700 | 19.2 | 84.1 | 85.4 | 85.9 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.7 | 86.7 | 86.7 |
| ≥ 600 | 19.2 | 85.2 | 87.2 | 87.7 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.5 | 88.8 | 88.8 |
| ≥ 500 | 19.2 | 86.0 | 88.2 | 88.7 | 89.3 | 89.3 | 89.5 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 90.0 | 90.3 | 90.3 |
| ≥ 400 | 19.2 | 86.7 | 89.5 | 90.0 | 91.3 | 91.6 | 92.1 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 93.1 | 93.3 | 93.3 |
| ≥ 300 | 19.2 | 86.9 | 90.5 | 91.0 | 92.3 | 92.8 | 93.9 | 95.4 | 95.6 | 95.6 | 95.7 | 95.7 | 95.9 | 96.2 | 96.9 | 96.9 |
| ≥ 200 | 19.2 | 87.0 | 90.6 | 91.1 | 92.8 | 93.3 | 94.7 | 96.6 | 97.0 | 97.0 | 97.2 | 97.2 | 97.4 | 97.7 | 98.4 | 98.5 |
| ≥ 100 | 19.2 | 87.0 | 90.6 | 91.1 | 92.8 | 93.3 | 95.2 | 97.0 | 97.5 | 97.7 | 98.2 | 98.2 | 98.4 | 98.7 | 99.5 | 99.7 |
| ≥ 0 | 19.2 | 87.0 | 90.6 | 91.1 | 92.8 | 93.3 | 95.2 | 97.0 | 97.5 | 97.7 | 98.2 | 98.2 | 98.4 | 98.7 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 609

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72265 | LAUGHLIN AFB TX | 70,73-81 | FEB
STATION | STATION NAME | YEARS | 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 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | |
| NO CEILING | 28.3 | 48.4 | 49.7 | 49.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.4 |
| ≥ 20000 | 30.0 | 52.0 | 52.7 | 52.8 | 53.7 | 53.7 | 53.8 | 54.0 | 54.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.3 |
| ≥ 18000 | 30.2 | 52.5 | 53.2 | 53.3 | 54.2 | 54.2 | 54.3 | 54.4 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.8 |
| ≥ 17000 | 30.2 | 52.5 | 53.2 | 53.3 | 54.2 | 54.2 | 54.3 | 54.4 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.8 |
| ≥ 14000 | 30.7 | 53.6 | 54.3 | 54.4 | 55.3 | 55.3 | 55.4 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.9 |
| ≥ 12000 | 31.4 | 54.7 | 55.4 | 55.6 | 56.4 | 56.4 | 56.5 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 57.0 |
| ≥ 10000 | 31.7 | 55.9 | 56.7 | 56.8 | 57.7 | 57.7 | 57.8 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.3 |
| ≥ 9000 | 31.7 | 55.9 | 56.7 | 56.8 | 57.7 | 57.7 | 57.8 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.3 |
| ≥ 8000 | 31.9 | 56.3 | 57.0 | 57.2 | 58.0 | 58.0 | 58.1 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.6 |
| ≥ 7000 | 32.4 | 57.3 | 58.0 | 58.1 | 59.0 | 59.0 | 59.1 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.6 |
| ≥ 6000 | 33.1 | 57.9 | 58.6 | 58.8 | 59.6 | 59.6 | 59.8 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.2 |
| ≥ 5000 | 33.6 | 58.5 | 59.3 | 59.4 | 60.2 | 60.2 | 60.4 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.9 |
| ≥ 4500 | 34.6 | 59.5 | 60.2 | 60.4 | 61.4 | 61.4 | 61.6 | 61.7 | 61.7 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.1 |
| ≥ 4000 | 34.7 | 59.8 | 60.6 | 60.7 | 61.9 | 61.9 | 62.1 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.6 |
| ≥ 3500 | 35.4 | 60.5 | 61.4 | 61.5 | 62.8 | 62.8 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.6 |
| ≥ 3000 | 35.5 | 61.2 | 62.1 | 62.3 | 63.7 | 63.7 | 64.0 | 64.1 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.4 |
| ≥ 2500 | 37.0 | 63.3 | 64.2 | 64.4 | 65.8 | 65.8 | 66.0 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.5 |
| ≥ 2000 | 38.0 | 67.0 | 67.9 | 68.1 | 69.5 | 69.5 | 69.8 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.2 |
| ≥ 1800 | 38.1 | 67.2 | 68.0 | 68.3 | 69.6 | 69.6 | 69.9 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.4 |
| ≥ 1500 | 38.4 | 69.1 | 70.1 | 70.4 | 72.0 | 72.0 | 72.2 | 72.3 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.7 |
| ≥ 1200 | 39.0 | 71.7 | 73.0 | 73.3 | 74.9 | 74.9 | 75.2 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.7 |
| ≥ 1000 | 39.4 | 73.6 | 75.2 | 75.8 | 77.4 | 77.5 | 77.8 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.3 |
| ≥ 900 | 39.8 | 75.2 | 77.0 | 77.7 | 79.5 | 79.8 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.5 |
| ≥ 800 | 40.0 | 75.7 | 77.5 | 78.4 | 80.7 | 81.0 | 81.4 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.9 |
| ≥ 700 | 40.2 | 76.9 | 79.1 | 80.0 | 82.5 | 82.8 | 83.2 | 83.3 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.7 |
| ≥ 600 | 40.7 | 78.1 | 80.7 | 81.7 | 84.3 | 84.7 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.7 |
| ≥ 500 | 40.7 | 78.6 | 81.6 | 82.7 | 85.9 | 86.3 | 86.8 | 86.9 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.5 |
| ≥ 400 | 40.7 | 78.6 | 81.9 | 83.1 | 86.7 | 87.2 | 88.3 | 88.8 | 89.0 | 89.1 | 89.1 | 89.1 | 89.3 | 89.3 | 89.3 | 89.5 |
| ≥ 300 | 40.9 | 79.3 | 83.1 | 84.6 | 88.1 | 89.0 | 90.5 | 91.4 | 91.7 | 92.2 | 92.3 | 92.3 | 92.5 | 92.5 | 92.8 | 93.1 |
| ≥ 200 | 40.9 | 79.3 | 83.2 | 84.7 | 88.3 | 89.3 | 91.1 | 92.7 | 93.3 | 94.2 | 94.3 | 94.3 | 94.8 | 94.9 | 95.4 | 95.8 |
| ≥ 100 | 40.9 | 79.3 | 83.2 | 84.7 | 88.4 | 89.4 | 91.4 | 93.3 | 94.0 | 95.3 | 95.6 | 95.6 | 96.5 | 96.8 | 98.0 | 99.1 |
| ≥ 0 | 40.9 | 79.3 | 83.2 | 84.7 | 88.4 | 89.4 | 91.4 | 93.3 | 94.0 | 95.3 | 95.6 | 95.6 | 96.5 | 96.9 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 811

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 70,73-81 YEARS | FEB 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 | 43.5 | 47.2 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| ≥ 20000 | 46.2 | 50.9 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 18000 | 47.2 | 52.0 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| ≥ 16000 | 47.5 | 52.3 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| ≥ 14000 | 48.6 | 53.8 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| ≥ 12000 | 49.1 | 54.5 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 10000 | 49.5 | 54.9 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 9000 | 49.8 | 55.3 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 8000 | 50.4 | 55.9 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 7000 | 50.9 | 56.4 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| ≥ 6000 | 51.3 | 56.5 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 5000 | 51.7 | 57.2 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 4500 | 52.8 | 58.3 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| ≥ 4000 | 53.8 | 59.3 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥ 3500 | 54.6 | 60.2 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 3000 | 55.7 | 61.4 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 2500 | 57.4 | 63.4 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 2000 | 59.0 | 65.7 | 66.8 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 1800 | 59.4 | 66.7 | 67.8 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 1500 | 61.1 | 69.3 | 70.7 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 1200 | 62.6 | 72.1 | 73.7 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 1000 | 64.2 | 75.1 | 76.9 | 77.1 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 900 | 64.9 | 77.1 | 79.2 | 79.9 | 80.6 | 80.7 | 8 .7 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 800 | 65.6 | 78.1 | 80.5 | 81.3 | 82.0 | 82.2 | 82.2 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 700 | 66.3 | 78.9 | 81.8 | 82.8 | 84.2 | 84.3 | 84.3 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 600 | 66.7 | 80.0 | 83.5 | 84.7 | 86.5 | 86.6 | 86.9 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 500 | 66.9 | 81.0 | 84.9 | 86.5 | 88.9 | 89.1 | 89.8 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 400 | 67.2 | 81.3 | 85.9 | 87.4 | 90.8 | 91.1 | 92.7 | 93.7 | 93.7 | 93.8 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 300 | 67.3 | 81.7 | 86.3 | 87.9 | 91.6 | 92.0 | 94.3 | 95.8 | 96.0 | 96.4 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 200 | 67.3 | 81.7 | 86.5 | 88.0 | 91.7 | 92.1 | 94.5 | 96.2 | 96.4 | 97.0 | 97.7 | 97.7 | 98.1 | 98.2 | 98.2 | 98.2 |
| ≥ 100 | 67.3 | 81.7 | 86.5 | 88.0 | 91.7 | 92.1 | 94.5 | 96.3 | 96.5 | 97.1 | 97.8 | 98.0 | 98.7 | 98.9 | 99.3 | 99.5 |
| ≥ 0 | 67.3 | 81.7 | 86.5 | 88.0 | 91.7 | 92.1 | 94.5 | 96.3 | 96.5 | 97.1 | 97.8 | 98.0 | 98.7 | 98.9 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 835

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) FEB (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 | 54.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 20000 | 57.9 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 18000 | 58.5 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 16000 | 59.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 14000 | 59.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 12000 | 61.2 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 10000 | 61.9 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 9000 | 62.2 | 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 | 67.0 | 67.0 |
| ≥ 8000 | 62.8 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 7000 | 63.0 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 6000 | 63.5 | 68.3 | 68.4 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 5000 | 64.7 | 69.5 | 69.6 | 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 |
| ≥ 4500 | 66.0 | 70.8 | 70.9 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 4000 | 67.3 | 72.7 | 72.8 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 3500 | 68.1 | 73.7 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 3000 | 68.9 | 74.7 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 2500 | 70.0 | 76.4 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 2000 | 73.0 | 80.1 | 80.3 | 80.5 | 80.5 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 1800 | 73.3 | 80.8 | 81.0 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 1500 | 74.5 | 83.3 | 84.0 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 1200 | 76.5 | 86.1 | 87.0 | 87.3 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 1000 | 78.3 | 88.3 | 89.3 | 89.8 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 900 | 78.4 | 88.6 | 90.0 | 90.5 | 91.0 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 800 | 78.5 | 89.0 | 90.5 | 91.0 | 91.9 | 92.2 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 700 | 78.8 | 89.4 | 91.1 | 91.9 | 93.0 | 93.2 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 600 | 79.4 | 91.2 | 93.1 | 94.4 | 96.0 | 96.3 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 500 | 79.7 | 92.1 | 94.0 | 95.4 | 97.0 | 97.4 | 97.7 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 400 | 79.7 | 92.3 | 94.2 | 95.7 | 97.7 | 98.2 | 98.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 79.7 | 92.3 | 94.2 | 95.7 | 97.7 | 98.2 | 98.9 | 98.9 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 79.7 | 92.4 | 94.3 | 95.8 | 97.9 | 98.3 | 99.1 | 99.1 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 79.7 | 92.4 | 94.3 | 95.8 | 97.9 | 98.3 | 99.1 | 99.1 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 0 | 79.7 | 92.4 | 94.3 | 95.8 | 97.9 | 98.3 | 99.1 | 99.1 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 843

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 62.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 20000 | 68.9 | 71.8 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 18000 | 69.7 | 72.6 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 16000 | 70.0 | 72.9 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 14000 | 70.8 | 73.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 12000 | 71.8 | 75.1 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 10000 | 72.7 | 76.0 | 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 |
| ≥ 9000 | 72.9 | 76.3 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 8000 | 74.0 | 77.5 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 7000 | 74.4 | 77.8 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 6000 | 75.0 | 78.4 | 78.8 | 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 | 76.3 | 79.7 | 80.1 | 80.2 | 80. | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 4500 | 77.1 | 80.6 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 4000 | 78.3 | 82.0 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 3500 | 78.7 | 82.5 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 3000 | 79.4 | 83.3 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 2500 | 81.0 | 85.1 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 2000 | 83.1 | 87.4 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 |
| ≥ 1800 | 83.2 | 87.5 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.6 |
| ≥ 1500 | 85.0 | 89.9 | 90.8 | 90.9 | 90.9 | 91.1 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 |
| ≥ 1200 | 85.6 | 91.1 | 92.0 | 92.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 |
| ≥ 1000 | 86.1 | 91.9 | 93.1 | 93.2 | 93.2 | 93.3 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 |
| ≥ 900 | 86.1 | 92.4 | 93.4 | 93.7 | 93.8 | 93.9 | 94.0 | 94.0 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 |
| ≥ 800 | 86.3 | 92.6 | 93.7 | 93.9 | 94.2 | 94.4 | 94.5 | 94.5 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 |
| ≥ 700 | 86.9 | 93.2 | 94.4 | 94.6 | 95.0 | 95.2 | 95.6 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 |
| ≥ 600 | 87.4 | 94.0 | 95.7 | 95.9 | 96.4 | 96.8 | 97.4 | 97.6 | 97.7 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 |
| ≥ 500 | 87.5 | 94.4 | 96.1 | 96.3 | 96.9 | 97.3 | 97.9 | 98.3 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 |
| ≥ 400 | 87.5 | 94.4 | 96.1 | 96.5 | 97.5 | 97.9 | 98.6 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 |
| ≥ 300 | 87.5 | 94.4 | 96.1 | 96.5 | 97.5 | 97.9 | 98.6 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 87.5 | 94.4 | 96.1 | 96.5 | 97.5 | 97.9 | 98.6 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 87.5 | 94.4 | 96.1 | 96.5 | 97.5 | 97.9 | 98.6 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 87.5 | 94.4 | 96.1 | 96.5 | 97.5 | 97.9 | 98.6 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 839

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) FEB (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 | 44.1 | 64.0 | 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 |
| ≥ 20000 | 48.5 | 70.5 | 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 |
| ≥ 18000 | 49.1 | 71.3 | 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 |
| ≥ 16000 | 49.3 | 71.5 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 14000 | 50.9 | 73.4 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 12000 | 51.2 | 74.3 | 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 |
| ≥ 10000 | 52.4 | 76.1 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 9000 | 52.9 | 76.6 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 8000 | 54.0 | 77.8 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 7000 | 54.0 | 77.8 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 6000 | 54.5 | 78.3 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 5000 | 54.9 | 79.0 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 4500 | 55.6 | 79.7 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 4000 | 56.8 | 81.4 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 3500 | 57.3 | 82.0 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 3000 | 58.4 | 83.5 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 2500 | 59.0 | 85.0 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 2000 | 60.2 | 87.1 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 1800 | 60.8 | 87.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 1500 | 62.0 | 90.2 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 1200 | 62.6 | 91.5 | 92.4 | 92.7 | 92.7 | 92.7 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1000 | 62.6 | 92.3 | 93.4 | 93.8 | 93.8 | 93.8 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 900 | 62.6 | 92.4 | 93.5 | 93.9 | 93.9 | 93.9 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 800 | 62.8 | 93.0 | 94.0 | 94.5 | 94.8 | 94.8 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 700 | 63.0 | 93.2 | 94.3 | 94.8 | 95.1 | 95.1 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 600 | 63.3 | 93.5 | 94.5 | 95.1 | 95.5 | 95.5 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 500 | 63.3 | 93.5 | 94.5 | 95.1 | 95.9 | 95.9 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 400 | 63.3 | 93.6 | 94.8 | 95.7 | 96.7 | 96.7 | 97.5 | 97.7 | 97.7 | 97.7 | 97.9 | 98.0 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 300 | 63.3 | 93.6 | 94.8 | 95.7 | 97.1 | 97.1 | 97.9 | 98.4 | 98.4 | 98.5 | 98.8 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 63.3 | 93.6 | 94.8 | 95.7 | 97.1 | 97.1 | 97.9 | 98.4 | 98.4 | 98.5 | 98.8 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 63.3 | 93.6 | 94.8 | 95.7 | 97.1 | 97.1 | 97.9 | 98.4 | 98.4 | 98.5 | 98.9 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 63.3 | 93.6 | 94.8 | 95.7 | 97.1 | 97.1 | 97.9 | 98.4 | 98.4 | 98.5 | 98.9 | 99.1 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 752

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (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 | 25.3 | 66.5 | 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 | 67.0 |
| ≥ 20000 | 26.2 | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 18000 | 26.2 | 70.9 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 16000 | 26.2 | 70.9 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 14000 | 27.1 | 72.7 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 12000 | 27.1 | 72.7 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 10000 | 27.3 | 73.1 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 9000 | 27.3 | 73.1 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 8000 | 27.6 | 73.9 | 74.6 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 7000 | 28.6 | 75.4 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 6000 | 28.8 | 75.7 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 5000 | 28.8 | 75.8 | 76.5 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 4500 | 28.8 | 77.1 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 4000 | 29.4 | 77.7 | 78.4 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 3500 | 30.8 | 79.5 | 80.2 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 3000 | 30.9 | 80.6 | 81.3 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 2500 | 32.0 | 83.0 | 83.9 | 84.2 | 84.3 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 2000 | 32.8 | 87.4 | 88.7 | 89.0 | 89.3 | 89.3 | 89.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 1800 | 33.1 | 88.0 | 89.4 | 89.7 | 90.0 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 1500 | 33.5 | 89.3 | 90.7 | 90.9 | 91.2 | 91.2 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 1200 | 33.7 | 90.1 | 91.5 | 92.0 | 92.3 | 92.3 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1000 | 33.7 | 90.7 | 92.0 | 92.6 | 92.9 | 92.9 | 92.9 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 900 | 33.8 | 91.1 | 92.6 | 93.1 | 93.4 | 93.4 | 93.4 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 800 | 33.9 | 91.5 | 93.0 | 93.5 | 93.8 | 93.8 | 93.8 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 700 | 33.9 | 91.6 | 93.1 | 93.7 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 600 | 34.3 | 92.2 | 93.7 | 94.2 | 95.2 | 95.2 | 95.6 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 500 | 34.3 | 92.3 | 93.8 | 94.4 | 95.3 | 95.3 | 95.7 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 400 | 34.3 | 92.7 | 94.4 | 95.5 | 96.4 | 96.4 | 97.1 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 300 | 34.3 | 92.7 | 94.5 | 95.6 | 97.5 | 97.5 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 200 | 34.3 | 92.7 | 94.5 | 95.6 | 97.5 | 97.5 | 98.2 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.2 | 99.2 | 99.5 | 99.5 |
| ≥ 100 | 34.3 | 92.7 | 94.5 | 95.6 | 97.5 | 97.5 | 98.2 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.2 | 99.2 | 99.7 | 99.7 |
| ≥ 0 | 34.3 | 92.7 | 94.5 | 95.6 | 97.5 | 97.5 | 98.2 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.2 | 99.2 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 728

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) FEB (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 | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 37.7 | 58.1 | 58.4 | 58.4 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.7 | 58.7 | 58.7 |
| ≥ 20000 | 40.6 | 62.7 | 63.0 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 |
| ≥ 18000 | 41.0 | 63.3 | 63.6 | 63.7 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.0 |
| ≥ 16000 | 41.2 | 63.5 | 63.8 | 63.9 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.2 | 64.2 | 64.2 |
| ≥ 14000 | 42.0 | 64.7 | 65.1 | 65.1 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 12000 | 42.6 | 65.8 | 66.2 | 66.2 | 66.3 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 |
| ≥ 10000 | 43.1 | 66.7 | 67.1 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 9000 | 43.3 | 67.0 | 67.3 | 67.4 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 |
| ≥ 8000 | 43.8 | 67.7 | 68.1 | 68.1 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.5 |
| ≥ 7000 | 44.2 | 68.3 | 68.7 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 6000 | 44.6 | 68.7 | 69.1 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 5000 | 45.2 | 69.5 | 69.9 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 |
| ≥ 4500 | 45.9 | 70.4 | 70.8 | 70.9 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 |
| ≥ 4000 | 46.6 | 71.3 | 71.8 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 3500 | 47.3 | 72.3 | 72.8 | 72.9 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 3000 | 47.8 | 73.2 | 73.7 | 73.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 |
| ≥ 2500 | 49.0 | 75.4 | 76.0 | 76.2 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 |
| ≥ 2000 | 50.5 | 78.5 | 79.4 | 79.6 | 79.9 | 79.9 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.2 |
| ≥ 1800 | 50.8 | 79.1 | 80.1 | 80.3 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 1500 | 51.7 | 81.4 | 82.5 | 82.7 | 83.0 | 83.0 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 |
| ≥ 1200 | 52.5 | 83.2 | 84.6 | 84.9 | 85.3 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.7 |
| ≥ 1000 | 53.1 | 84.6 | 86.2 | 86.6 | 87.0 | 87.1 | 87.2 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 |
| ≥ 900 | 53.3 | 85.6 | 87.1 | 87.6 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.8 |
| ≥ 800 | 53.5 | 86.3 | 87.9 | 88.4 | 89.2 | 89.3 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.9 |
| ≥ 700 | 53.6 | 86.6 | 88.7 | 89.3 | 90.2 | 90.4 | 90.6 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 91.0 |
| ≥ 600 | 54.1 | 87.6 | 90.0 | 90.7 | 91.8 | 92.0 | 92.4 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 93.0 |
| ≥ 500 | 54.2 | 88.4 | 90.7 | 91.5 | 93.0 | 93.2 | 93.7 | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.4 |
| ≥ 400 | 54.3 | 88.7 | 91.3 | 92.3 | 94.2 | 94.4 | 95.3 | 95.8 | 95.9 | 95.9 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.3 |
| ≥ 300 | 54.3 | 88.8 | 91.6 | 92.7 | 94.8 | 95.1 | 96.3 | 97.0 | 97.2 | 97.4 | 97.6 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 |
| ≥ 200 | 54.3 | 88.9 | 91.7 | 92.8 | 94.9 | 95.3 | 96.5 | 97.4 | 97.6 | 97.9 | 98.2 | 98.2 | 98.5 | 98.6 | 98.8 | 98.8 |
| ≥ 100 | 54.3 | 88.9 | 91.7 | 92.8 | 95.0 | 95.3 | 96.6 | 97.6 | 97.8 | 98.2 | 98.5 | 98.5 | 98.9 | 99.0 | 99.5 | 99.8 |
| ≥ 0 | 54.3 | 88.9 | 91.7 | 92.8 | 95.0 | 95.3 | 96.6 | 97.6 | 97.8 | 98.2 | 98.5 | 98.5 | 98.9 | 99.1 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6023

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) MAR (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 | 15.6 | 64.9 | 65.1 | 65.5 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 20000 | 16.5 | 70.4 | 70.5 | 71.0 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 18000 | 16.5 | 71.1 | 71.2 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 16000 | 16.5 | 71.1 | 71.2 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 14000 | 16.7 | 72.5 | 72.7 | 73.1 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 12000 | 17.1 | 74.1 | 74.2 | 74.6 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 10000 | 17.5 | 75.3 | 75.5 | 75.9 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 9000 | 17.5 | 75.3 | 75.5 | 75.9 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 8000 | 17.8 | 75.7 | 75.9 | 76.3 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 7000 | 17.8 | 76.2 | 76.3 | 76.7 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 6000 | 17.8 | 76.6 | 76.7 | 77.3 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 5000 | 17.8 | 77.3 | 77.4 | 78.0 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 4500 | 17.8 | 78.7 | 78.8 | 79.4 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 4000 | 18.1 | 79.5 | 79.7 | 80.2 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 3500 | 18.1 | 80.6 | 80.8 | 81.3 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 3000 | 18.5 | 82.5 | 82.6 | 83.2 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 2500 | 18.9 | 84.7 | 85.0 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 2000 | 19.1 | 86.3 | 86.5 | 87.1 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 1800 | 19.1 | 86.4 | 86.7 | 87.2 | 87.5 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 1500 | 19.1 | 88.1 | 88.4 | 89.1 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 1200 | 19.1 | 89.5 | 89.8 | 90.6 | 91.3 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 1000 | 19.2 | 91.4 | 91.9 | 92.7 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 900 | 19.2 | 92.4 | 93.0 | 93.8 | 94.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 800 | 19.4 | 92.6 | 93.1 | 94.0 | 94.7 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 700 | 19.4 | 93.1 | 93.7 | 94.5 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 600 | 19.4 | 93.4 | 94.0 | 94.8 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 500 | 19.4 | 93.7 | 94.2 | 95.4 | 96.5 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 400 | 19.4 | 93.7 | 94.2 | 95.4 | 96.5 | 96.8 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 300 | 19.4 | 93.7 | 94.2 | 95.5 | 97.1 | 97.5 | 97.9 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 200 | 19.4 | 93.7 | 94.2 | 95.7 | 97.5 | 97.9 | 98.5 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 19.4 | 93.7 | 94.2 | 95.7 | 97.5 | 97.9 | 98.5 | 98.9 | 98.9 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 19.4 | 93.7 | 94.2 | 95.7 | 97.5 | 97.9 | 98.5 | 98.9 | 98.9 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 713

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) MAR (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 | 11.2 | 53.7 | 54.0 | 54.7 | 54.7 | 54.8 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 20000 | 12.6 | 59.5 | 59.8 | 60.5 | 60.5 | 60.6 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 18000 | 13.1 | 60.5 | 60.8 | 61.5 | 61.5 | 61.6 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 16000 | 13.1 | 60.5 | 60.8 | 61.5 | 61.5 | 61.6 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 14000 | 13.3 | 62.2 | 62.4 | 63.1 | 63.1 | 63.3 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 12000 | 13.3 | 62.6 | 62.8 | 63.5 | 63.5 | 63.7 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 10000 | 14.0 | 63.7 | 64.0 | 64.6 | 64.6 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 9000 | 14.0 | 63.7 | 64.0 | 64.6 | 64.6 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 8000 | 14.1 | 64.5 | 64.8 | 65.5 | 65.5 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 7000 | 14.1 | 64.5 | 64.8 | 65.5 | 65.5 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 6000 | 14.1 | 64.9 | 65.2 | 65.9 | 65.9 | 66.0 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 5000 | 14.1 | 66.2 | 66.4 | 67.1 | 67.1 | 67.3 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 4500 | 14.1 | 67.1 | 67.4 | 68.1 | 68.1 | 68.2 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 4000 | 14.1 | 67.7 | 68.0 | 68.8 | 68.8 | 68.8 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 3500 | 14.2 | 68.5 | 68.8 | 69.5 | 69.5 | 69.6 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 3000 | 14.4 | 68.9 | 69.2 | 69.9 | 69.9 | 70.0 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 2500 | 14.4 | 69.9 | 70.2 | 70.9 | 70.9 | 71.1 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 2000 | 14.5 | 72.8 | 73.6 | 74.3 | 74.3 | 74.6 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 1800 | 14.5 | 73.8 | 74.6 | 75.3 | 75.3 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 1500 | 15.2 | 78.6 | 79.4 | 80.1 | 80.1 | 80.4 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 1200 | 15.7 | 82.6 | 83.8 | 84.5 | 84.5 | 84.8 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 1000 | 16.3 | 84.8 | 86.2 | 87.2 | 87.3 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 900 | 16.4 | 85.4 | 86.7 | 87.7 | 88.1 | 88.4 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 800 | 16.4 | 86.0 | 87.4 | 88.7 | 89.6 | 89.9 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 700 | 16.6 | 86.5 | 88.4 | 89.6 | 90.6 | 90.9 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 600 | 16.6 | 87.3 | 89.2 | 90.5 | 91.6 | 91.9 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 500 | 16.6 | 87.8 | 89.9 | 91.2 | 92.4 | 92.7 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 400 | 16.6 | 88.1 | 90.6 | 91.9 | 93.4 | 93.8 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 300 | 16.6 | 88.9 | 91.2 | 92.4 | 94.3 | 94.9 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 200 | 16.6 | 89.0 | 91.9 | 93.2 | 95.4 | 96.0 | 98.2 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 100 | 16.6 | 89.0 | 91.9 | 93.2 | 95.6 | 96.1 | 98.6 | 98.8 | 98.8 | 99.2 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 |
| ≥ 0 | 16.6 | 89.0 | 91.9 | 93.2 | 95.6 | 96.1 | 98.6 | 98.8 | 98.8 | 99.2 | 99.6 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 724

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (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 | 30.9 | 47.0 | 47.8 | 48.1 | 48.6 | 48.7 | 49.1 | 49.1 | 49.1 | 49.1 | 49.2 | 49.2 | 49.6 | 49.6 | 49.6 | 49.7 |
| ≥ 20000 | 33.3 | 50.9 | 51.7 | 52.0 | 52.8 | 52.9 | 53.3 | 53.3 | 53.3 | 53.3 | 53.4 | 53.4 | 53.8 | 53.8 | 53.8 | 53.9 |
| ≥ 18000 | 34.0 | 52.0 | 52.8 | 53.1 | 53.9 | 54.0 | 54.4 | 54.4 | 54.4 | 54.4 | 54.6 | 54.6 | 54.9 | 54.9 | 54.9 | 55.0 |
| ≥ 16000 | 34.1 | 52.1 | 52.9 | 53.2 | 54.0 | 54.1 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 | 55.0 | 55.0 | 55.0 | 55.1 |
| ≥ 14000 | 35.3 | 53.8 | 54.7 | 55.0 | 55.8 | 55.9 | 56.3 | 56.3 | 56.3 | 56.3 | 56.4 | 56.4 | 56.8 | 56.8 | 56.8 | 56.9 |
| ≥ 12000 | 35.9 | 54.7 | 55.7 | 56.0 | 56.8 | 56.9 | 57.3 | 57.3 | 57.3 | 57.3 | 57.4 | 57.4 | 57.8 | 57.8 | 57.8 | 57.9 |
| ≥ 10000 | 36.6 | 55.8 | 56.9 | 57.2 | 58.0 | 58.1 | 58.6 | 58.6 | 58.6 | 58.6 | 58.7 | 58.7 | 59.0 | 59.0 | 59.0 | 59.1 |
| ≥ 9000 | 36.9 | 56.3 | 57.4 | 57.8 | 58.6 | 58.7 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.6 | 59.6 | 59.6 | 59.7 |
| ≥ 8000 | 37.2 | 56.9 | 58.0 | 58.3 | 59.1 | 59.2 | 59.7 | 59.7 | 59.7 | 59.7 | 59.8 | 59.8 | 60.1 | 60.1 | 60.1 | 60.2 |
| ≥ 7000 | 37.7 | 57.4 | 58.6 | 58.9 | 59.7 | 59.8 | 60.2 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.7 | 60.7 | 60.7 | 60.8 |
| ≥ 6000 | 37.9 | 57.8 | 59.0 | 59.3 | 60.1 | 60.2 | 60.7 | 60.7 | 60.7 | 60.7 | 60.8 | 60.8 | 61.1 | 61.1 | 61.1 | 61.2 |
| ≥ 5000 | 38.3 | 58.4 | 59.7 | 60.0 | 60.8 | 60.9 | 61.3 | 61.3 | 61.3 | 61.3 | 61.4 | 61.4 | 61.8 | 61.8 | 61.8 | 61.9 |
| ≥ 4500 | 39.0 | 59.7 | 60.9 | 61.2 | 62.0 | 62.1 | 62.6 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 63.0 | 63.0 | 63.0 | 63.1 |
| ≥ 4000 | 39.3 | 60.1 | 61.3 | 61.7 | 62.4 | 62.6 | 63.0 | 63.0 | 63.0 | 63.0 | 63.1 | 63.1 | 63.4 | 63.4 | 63.4 | 63.6 |
| ≥ 3500 | 39.9 | 61.2 | 62.4 | 62.8 | 63.6 | 63.7 | 64.1 | 64.1 | 64.1 | 64.1 | 64.2 | 64.2 | 64.6 | 64.6 | 64.6 | 64.7 |
| ≥ 3000 | 40.3 | 62.0 | 63.2 | 63.6 | 64.3 | 64.4 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 | 65.0 | 65.3 | 65.3 | 65.3 | 65.4 |
| ≥ 2500 | 40.8 | 63.4 | 64.7 | 65.0 | 65.8 | 65.9 | 66.4 | 66.4 | 66.4 | 66.4 | 66.6 | 66.6 | 66.9 | 66.9 | 66.9 | 67.0 |
| ≥ 2000 | 41.2 | 65.4 | 66.8 | 67.2 | 68.0 | 68.1 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 | 69.2 | 69.2 | 69.2 | 69.3 |
| ≥ 1800 | 41.7 | 66.7 | 68.0 | 68.4 | 69.3 | 69.4 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.6 | 70.6 | 70.6 | 70.7 |
| ≥ 1500 | 43.2 | 70.3 | 72.0 | 72.8 | 73.7 | 73.8 | 74.6 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 75.0 | 75.0 | 75.0 | 75.1 |
| ≥ 1200 | 44.8 | 74.1 | 76.3 | 77.1 | 78.0 | 78.1 | 78.9 | 79.0 | 79.1 | 79.1 | 79.2 | 79.2 | 79.6 | 79.6 | 79.6 | 79.7 |
| ≥ 1000 | 45.8 | 76.4 | 78.8 | 79.6 | 8.8 | 81.0 | 81.9 | 82.0 | 82.1 | 82.1 | 82.2 | 82.2 | 82.6 | 82.6 | 82.6 | 82.7 |
| ≥ 900 | 46.2 | 77.7 | 80.0 | 81.3 | 82.9 | 83.1 | 84.0 | 84.3 | 84.4 | 84.4 | 84.6 | 84.6 | 84.9 | 84.9 | 84.9 | 85.0 |
| ≥ 800 | 46.3 | 78.2 | 81.2 | 82.6 | 84.2 | 84.4 | 85.3 | 85.7 | 85.8 | 85.9 | 86.0 | 86.0 | 86.3 | 86.3 | 86.3 | 86.4 |
| ≥ 700 | 46.6 | 79.3 | 82.7 | 84.1 | 85.9 | 86.2 | 87.1 | 87.4 | 87.6 | 87.7 | 87.8 | 87.8 | 88.1 | 88.1 | 88.1 | 88.2 |
| ≥ 600 | 46.8 | 80.1 | 83.7 | 85.2 | 87.2 | 87.6 | 88.7 | 89.2 | 89.3 | 89.4 | 89.6 | 89.6 | 89.9 | 89.9 | 89.9 | 90.0 |
| ≥ 500 | 46.9 | 80.3 | 84.4 | 86.0 | 88.1 | 88.7 | 89.9 | 90.6 | 90.8 | 90.9 | 91.0 | 91.0 | 91.3 | 91.3 | 91.3 | 91.4 |
| ≥ 400 | 47.1 | 81.0 | 85.6 | 87.3 | 89.9 | 90.6 | 92.3 | 93.2 | 93.4 | 93.9 | 94.1 | 94.1 | 94.6 | 94.6 | 94.6 | 94.7 |
| ≥ 300 | 47.2 | 81.4 | 86.0 | 87.8 | 90.8 | 92.0 | 93.9 | 95.0 | 95.4 | 96.1 | 96.4 | 96.4 | 97.0 | 97.0 | 97.1 | 97.2 |
| ≥ 200 | 47.2 | 81.4 | 86.0 | 87.8 | 91.1 | 92.3 | 94.4 | 95.9 | 96.4 | 97.2 | 97.9 | 97.9 | 98.6 | 98.6 | 98.7 | 98.8 |
| ≥ 100 | 47.2 | 81.4 | 86.0 | 87.8 | 91.2 | 92.4 | 94.7 | 96.1 | 96.7 | 97.7 | 98.6 | 98.6 | 99.2 | 99.3 | 99.6 | 99.7 |
| ≥ 0 | 47.2 | 81.4 | 86.0 | 87.8 | 91.2 | 92.4 | 94.7 | 96.1 | 96.7 | 97.8 | 98.7 | 98.7 | 99.3 | 99.4 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722715 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (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 | ≥½ | ≥¼ | ≥5/16 | ≥0 | |
| NO CEILING | 45.5 | 48.6 | 49.3 | 49.6 | 49.6 | 49.7 | 49.7 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥ 20000 | 49.3 | 53.5 | 54.4 | 54.7 | 54.8 | 54.9 | 54.9 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 18000 | 50.3 | 53.8 | 54.7 | 55.0 | 55.1 | 55.2 | 55.2 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 16000 | 50.6 | 54.2 | 55.0 | 55.4 | 55.5 | 55.6 | 55.6 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| ≥ 14000 | 51.8 | 56.0 | 56.9 | 57.2 | 57.3 | 57.4 | 57.4 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 12000 | 53.1 | 57.8 | 58.7 | 59.0 | 59.1 | 59.2 | 59.2 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 10000 | 54.4 | 59.2 | 60.1 | 60.4 | 60.5 | 60.6 | 60.6 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 9000 | 54.4 | 59.5 | 60.3 | 60.6 | 60.8 | 60.9 | 60.9 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 8000 | 54.8 | 60.0 | 60.9 | 61.2 | 61.3 | 61.4 | 61.4 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 7000 | 55.1 | 60.3 | 61.3 | 61.7 | 61.8 | 61.9 | 61.9 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 6000 | 55.9 | 61.1 | 62.3 | 62.8 | 62.9 | 63.0 | 63.0 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 5000 | 56.6 | 61.8 | 63.0 | 63.6 | 63.7 | 63.8 | 63.8 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 4500 | 57.2 | 62.6 | 63.8 | 64.3 | 64.4 | 64.5 | 64.5 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 4000 | 57.4 | 62.8 | 64.0 | 64.5 | 64.6 | 64.8 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 3500 | 58.3 | 63.7 | 64.9 | 65.4 | 65.5 | 65.6 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 3000 | 58.9 | 64.3 | 65.5 | 66.1 | 66.2 | 66.3 | 66.3 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 2500 | 60.1 | 65.5 | 66.7 | 67.2 | 67.4 | 67.5 | 67.5 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 2000 | 62.2 | 68.9 | 70.1 | 70.6 | 70.7 | 70.8 | 71.0 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 1800 | 63.1 | 69.9 | 71.2 | 71.8 | 71.9 | 72.0 | 72.2 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 1500 | 66.2 | 74.5 | 75.9 | 76.5 | 76.8 | 76.9 | 77.1 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 1200 | 69.3 | 79.0 | 80.6 | 81.4 | 81.8 | 81.9 | 82.2 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 1000 | 70.7 | 81.2 | 83.1 | 84.2 | 84.8 | 85.0 | 85.2 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 900 | 71.4 | 82.9 | 85.2 | 86.3 | 86.9 | 87.1 | 87.4 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 800 | 71.7 | 83.9 | 86.5 | 87.7 | 88.6 | 89.0 | 89.3 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 700 | 72.2 | 85.0 | 87.9 | 89.3 | 90.4 | 90.7 | 91.1 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 600 | 72.2 | 85.7 | 89.0 | 90.4 | 92.1 | 92.4 | 93.0 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 500 | 72.4 | 86.5 | 89.9 | 91.5 | 93.6 | 94.2 | 94.7 | 95.5 | 95.5 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 400 | 72.4 | 86.5 | 90.3 | 91.9 | 94.4 | 95.0 | 95.9 | 97.0 | 97.1 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 300 | 72.5 | 86.6 | 90.4 | 92.0 | 94.8 | 95.7 | 96.6 | 98.1 | 98.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 72.5 | 86.6 | 90.4 | 92.0 | 94.9 | 95.8 | 96.8 | 98.2 | 98.6 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 72.5 | 86.6 | 90.4 | 92.0 | 94.9 | 95.8 | 96.8 | 98.2 | 98.6 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 72.5 | 86.6 | 90.4 | 92.0 | 94.9 | 95.8 | 96.8 | 98.2 | 98.6 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 925

USAF ETAC FORM JUL 80 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722415 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (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 | 55.7 | 58.2 | 58.4 | 58.4 | 58.5 | 58.5 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 20000 | 65.1 | 68.6 | 68.8 | 68.8 | 68.9 | 68.9 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 18000 | 66.5 | 70.0 | 70.2 | 70.2 | 70.3 | 70.3 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 16000 | 66.9 | 70.4 | 70.6 | 70.6 | 70.8 | 70.8 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 14000 | 67.7 | 71.6 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 12000 | 69.6 | 73.4 | 73.8 | 73.8 | 73.9 | 73.9 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 10000 | 70.3 | 74.2 | 74.5 | 74.5 | 74.6 | 74.6 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 9000 | 70.3 | 74.2 | 74.5 | 74.5 | 74.6 | 74.6 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 8000 | 71.0 | 74.9 | 75.3 | 75.3 | 75.4 | 75.4 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 7000 | 71.5 | 76.0 | 76.3 | 76.3 | 76.5 | 76.5 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 6000 | 71.8 | 76.3 | 77.0 | 77.0 | 77.1 | 77.1 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 5000 | 72.6 | 77.2 | 77.8 | 77.8 | 78.0 | 78.0 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 4500 | 73.1 | 77.7 | 78.4 | 78.4 | 78.5 | 78.5 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 4000 | 74.2 | 78.9 | 79.6 | 79.6 | 79.7 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 3500 | 75.1 | 79.9 | 80.5 | 80.5 | 80.6 | 80.6 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 3000 | 76.7 | 81.9 | 82.6 | 82.6 | 82.7 | 82.7 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 2500 | 77.6 | 83.2 | 83.9 | 83.9 | 84.0 | 84.0 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 2000 | 80.0 | 86.2 | 86.9 | 86.9 | 87.0 | 87.0 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 1800 | 80.6 | 87.2 | 87.8 | 87.8 | 88.0 | 88.0 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 1500 | 82.7 | 91.0 | 91.6 | 91.7 | 91.8 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 1200 | 83.3 | 93.5 | 94.2 | 94.4 | 94.5 | 94.5 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1000 | 83.7 | 94.3 | 94.9 | 95.3 | 95.4 | 95.4 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 900 | 84.2 | 94.8 | 95.5 | 95.8 | 95.9 | 95.9 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 800 | 84.1 | 95.5 | 96.2 | 96.6 | 96.7 | 96.7 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 700 | 84.3 | 95.8 | 96.6 | 97.0 | 97.1 | 97.1 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 600 | 84.4 | 96.0 | 96.8 | 97.4 | 97.7 | 97.8 | 98.2 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 84.4 | 96.1 | 96.9 | 97.5 | 98.1 | 98.2 | 98.7 | 99.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 84.4 | 96.1 | 96.9 | 97.5 | 98.1 | 98.3 | 98.8 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 84.4 | 96.1 | 97.0 | 97.6 | 98.2 | 98.5 | 99.0 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 84.4 | 96.1 | 97.0 | 97.6 | 98.2 | 98.5 | 99.0 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 84.4 | 96.1 | 97.0 | 97.6 | 98.2 | 98.5 | 99.0 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 84.4 | 96.1 | 97.0 | 97.6 | 98.2 | 98.5 | 99.0 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (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 | 60.0 | 61.0 | 61.1 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 20000 | 75.3 | 77.5 | 77.6 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 18000 | 76.2 | 78.6 | 78.7 | 78.8 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 16000 | 77.0 | 79.4 | 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 |
| ≥ 14000 | 78.9 | 81.6 | 81.7 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 12000 | 80.3 | 83.6 | 83.7 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 10000 | 81.9 | 85.2 | 85.3 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 9000 | 81.9 | 85.2 | 85.3 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 8000 | 82.8 | 86.5 | 86.6 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 7000 | 83.0 | 86.9 | 87.0 | 87.1 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 6000 | 83.7 | 87.6 | 87.8 | 87.9 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 5000 | 84.2 | 88.2 | 88.4 | 88.6 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 4500 | 84.3 | 88.3 | 88.6 | 88.7 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 4000 | 85.4 | 89.6 | 89.8 | 90.0 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 3500 | 87.3 | 91.5 | 91.7 | 91.8 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 3000 | 88.1 | 92.5 | 92.8 | 92.9 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 2500 | 89.0 | 93.8 | 94.1 | 94.2 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 2000 | 90.0 | 95.0 | 95.2 | 95.4 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1800 | 90.1 | 95.1 | 95.4 | 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 |
| ≥ 1500 | 90.4 | 95.6 | 95.8 | 95.9 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1200 | 90.8 | 96.4 | 96.7 | 96.8 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1000 | 90.8 | 96.9 | 97.1 | 97.2 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 900 | 90.9 | 97.1 | 97.3 | 97.4 | 97.7 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 800 | 91.0 | 97.2 | 97.4 | 97.5 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 91.1 | 97.4 | 97.7 | 97.9 | 98.6 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 91.1 | 97.4 | 97.7 | 97.9 | 98.7 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 91.1 | 97.4 | 97.7 | 97.9 | 98.9 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 91.1 | 97.4 | 97.7 | 97.9 | 98.9 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 91.1 | 97.4 | 97.7 | 97.9 | 98.9 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 91.1 | 97.4 | 97.7 | 97.9 | 98.9 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 91.1 | 97.4 | 97.7 | 97.9 | 98.9 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 91.1 | 97.4 | 97.7 | 97.9 | 98.9 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72261 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (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 | 49.5 | 62.0 | 62.2 | 62.6 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 20000 | 60.5 | 76.5 | 76.6 | 77.1 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 18000 | 61.7 | 77.8 | 78.1 | 78.5 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 6000 | 61.9 | 78.4 | 78.6 | 79.1 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 14000 | 62.5 | 80.0 | 80.2 | 80.7 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 12000 | 63.6 | 82.4 | 82.7 | 83.2 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 10000 | 65.6 | 84.9 | 85.2 | 85.6 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 9000 | 65.6 | 85.1 | 85.3 | 85.8 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 8000 | 66.5 | 86.5 | 86.7 | 87.2 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 7000 | 66.8 | 87.3 | 87.5 | 88.0 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 6000 | 67.4 | 88.0 | 88.3 | 88.7 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 5000 | 67.6 | 88.6 | 88.8 | 89.3 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 4500 | 67.9 | 89.0 | 89.2 | 89.7 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 4000 | 68.6 | 89.8 | 90.0 | 90.5 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 3500 | 69.4 | 90.9 | 91.1 | 91.7 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 3000 | 70.2 | 92.4 | 92.6 | 93.2 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 2500 | 71.3 | 94.1 | 94.3 | 94.9 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 2000 | 71.3 | 94.7 | 94.9 | 95.5 | 95.8 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1800 | 71.5 | 94.7 | 94.9 | 95.5 | 95.8 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1500 | 71.6 | 94.8 | 95.0 | 95.6 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1200 | 71.8 | 95.1 | 95.4 | 96.0 | 96.3 | 96.4 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1000 | 71.9 | 95.5 | 95.8 | 96.4 | 96.8 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 900 | 71.9 | 95.6 | 96.1 | 96.7 | 97.0 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | 71.9 | 95.6 | 96.1 | 96.7 | 97.0 | 97.2 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 700 | 71.9 | 96.1 | 96.6 | 97.2 | 97.5 | 97.6 | 97.7 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 600 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.5 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 71.9 | 96.1 | 96.8 | 97.6 | 98.0 | 98.1 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 71.9 | 96.1 | 96.8 | 97.7 | 98.1 | 98.2 | 98.7 | 99.2 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 71.9 | 96.1 | 96.8 | 97.7 | 98.1 | 98.2 | 98.7 | 99.3 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 71.9 | 96.1 | 96.8 | 97.7 | 98.1 | 98.2 | 98.7 | 99.3 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 71.9 | 96.1 | 96.8 | 97.7 | 98.1 | 98.2 | 98.7 | 99.3 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 843

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

| 72215 | LAUGHLIN AFB TX | 70,73,75-81 | MAY |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

0100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | |
| NO CEILING | 29.5 | 69.7 | 69.9 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 20000 | 31.3 | 76.5 | 76.7 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 18000 | 32.4 | 77.7 | 77.9 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 16000 | 32.4 | 78.1 | 78.3 | 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 |
| ≥ 14000 | 32.7 | 79.8 | 80.0 | 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 |
| ≥ 12000 | 33.5 | 82.0 | 82.2 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 10000 | 33.7 | 83.3 | 83.5 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 9000 | 33.7 | 83.3 | 83.5 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 8000 | 34.3 | 84.0 | 84.2 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 7000 | 34.6 | 84.8 | 85.1 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 6000 | 34.6 | 85.1 | 85.3 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 5000 | 34.6 | 85.7 | 85.9 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 4500 | 34.6 | 86.4 | 86.6 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 4000 | 35.1 | 87.0 | 87.2 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 3500 | 35.7 | 88.8 | 89.1 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 3000 | 36.6 | 90.9 | 91.2 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 2500 | 36.9 | 92.7 | 93.1 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2000 | 37.2 | 93.4 | 93.8 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1800 | 37.2 | 93.4 | 93.8 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1500 | 37.3 | 94.0 | 94.5 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1200 | 37.3 | 94.1 | 94.6 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1000 | 37.3 | 94.3 | 94.7 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 900 | 37.5 | 95.1 | 95.6 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 800 | 37.5 | 95.3 | 95.8 | 96.7 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 700 | 37.9 | 95.9 | 96.4 | 97.3 | 97.5 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 600 | 37.9 | 96.1 | 96.7 | 97.6 | 97.8 | 97.8 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 500 | 37.6 | 96.3 | 96.9 | 97.8 | 98.1 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 37.6 | 96.3 | 96.9 | 98.1 | 98.4 | 98.4 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 300 | 37.6 | 96.3 | 96.9 | 98.1 | 98.4 | 98.4 | 98.7 | 98.7 | 98.8 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 37.6 | 96.3 | 96.9 | 98.3 | 98.7 | 98.7 | 98.9 | 99.0 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 37.6 | 96.3 | 96.9 | 98.3 | 98.7 | 98.7 | 98.9 | 99.0 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 37.6 | 96.3 | 96.9 | 98.3 | 98.7 | 98.7 | 98.9 | 99.0 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 337

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (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 | 38.7 | 57.9 | 58.2 | 58.6 | 58.8 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 20000 | 44.9 | 66.6 | 66.9 | 67.3 | 67.5 | 67.6 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 |
| ≥ 18000 | 45.6 | 67.6 | 68.0 | 68.3 | 68.6 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 16000 | 45.3 | 67.9 | 68.3 | 68.7 | 68.9 | 69.0 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 14000 | 46.7 | 69.6 | 70.0 | 70.4 | 70.6 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 12000 | 47.6 | 71.3 | 71.7 | 72.1 | 72.3 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 10000 | 48.6 | 72.7 | 73.1 | 73.5 | 73.7 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 9000 | 48.7 | 72.8 | 73.2 | 73.6 | 73.8 | 73.9 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 8000 | 49.2 | 73.6 | 74.0 | 74.4 | 74.6 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 7000 | 49.5 | 74.2 | 74.6 | 75.0 | 75.2 | 75.3 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 6000 | 49.8 | 74.7 | 75.2 | 75.6 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 5000 | 50.2 | 75.4 | 76.0 | 76.4 | 76.6 | 76.7 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 4500 | 50.5 | 76.2 | 76.7 | 77.1 | 77.3 | 77.4 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 4000 | 51.0 | 76.9 | 77.4 | 77.9 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 3500 | 51.8 | 78.1 | 78.7 | 79.1 | 79.3 | 79.4 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 3000 | 52.5 | 79.4 | 80.0 | 80.4 | 80.6 | 80.7 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 |
| ≥ 2500 | 53.2 | 80.9 | 81.5 | 81.9 | 82.1 | 82.2 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 2000 | 54.1 | 82.8 | 83.5 | 83.9 | 84.2 | 84.3 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 1800 | 54.4 | 83.4 | 84.1 | 84.5 | 84.8 | 84.9 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 1500 | 55.4 | 85.8 | 86.6 | 87.1 | 87.4 | 87.5 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 |
| ≥ 1200 | 56.3 | 88.1 | 89.0 | 89.5 | 89.9 | 90.0 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 1000 | 56.3 | 89.3 | 90.3 | 91.0 | 91.4 | 91.6 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.2 | 92.2 |
| ≥ 900 | 57.0 | 90.1 | 91.2 | 91.9 | 92.5 | 92.6 | 92.8 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 800 | 57.1 | 90.5 | 91.7 | 92.5 | 93.2 | 93.4 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 700 | 57.3 | 91.1 | 92.5 | 93.4 | 94.1 | 94.3 | 94.6 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 600 | 57.3 | 91.5 | 93.0 | 93.9 | 94.9 | 95.1 | 95.5 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 500 | 57.4 | 91.8 | 93.4 | 94.4 | 95.5 | 95.7 | 96.3 | 96.6 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 400 | 57.4 | 91.9 | 93.6 | 94.7 | 96.0 | 96.3 | 97.1 | 97.5 | 97.7 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 |
| 300 | 57.4 | 92.0 | 93.8 | 94.9 | 96.3 | 96.8 | 97.6 | 98.2 | 98.4 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 200 | 57.4 | 92.1 | 93.9 | 95.0 | 96.6 | 97.1 | 98.0 | 98.6 | 98.9 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 57.4 | 92.1 | 93.9 | 95.0 | 96.6 | 97.1 | 98.1 | 98.7 | 98.9 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 57.4 | 92.1 | 93.9 | 95.0 | 96.6 | 97.1 | 98.1 | 98.7 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

| 722615 | LAUGHLIN AFB TX | 70,73,75-81 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 12.9 | 58.7 | 58.9 | 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 |
| ≥ 20000 | 13.3 | 65.2 | 65.3 | 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 |
| ≥ 18000 | 13.9 | 65.4 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 16000 | 13.3 | 65.4 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 14000 | 13.9 | 66.6 | 66.8 | 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 |
| ≥ 12000 | 13.3 | 67.6 | 67.8 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 10000 | 14.1 | 71.7 | 72.2 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 9000 | 14.1 | 71.7 | 72.2 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 8000 | 14.1 | 72.6 | 73.1 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 7000 | 14.3 | 73.2 | 73.6 | 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 | 14.5 | 73.9 | 74.4 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 5000 | 14.5 | 75.3 | 75.7 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 4500 | 14.5 | 76.1 | 76.6 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 4000 | 14.6 | 76.9 | 77.3 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 3500 | 14.6 | 78.5 | 79.1 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 3000 | 14.6 | 79.4 | 79.9 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 2500 | 14.6 | 81.8 | 82.4 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 2000 | 14.8 | 85.8 | 86.4 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 1800 | 14.8 | 86.1 | 86.7 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 1500 | 15.1 | 88.9 | 89.6 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 1200 | 15.4 | 92.4 | 93.3 | 93.6 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1000 | 15.4 | 94.0 | 95.0 | 95.8 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 900 | 15.4 | 94.3 | 95.5 | 96.3 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 800 | 15.4 | 94.6 | 95.8 | 96.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 15.4 | 95.3 | 96.6 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 600 | 15.4 | 95.9 | 97.4 | 98.5 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 15.4 | 96.2 | 97.8 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 15.4 | 96.2 | 97.8 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 15.4 | 96.2 | 97.8 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 15.4 | 96.2 | 97.8 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 15.4 | 96.2 | 97.8 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 15.4 | 96.2 | 97.8 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 683

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) | LAUGHLIN AFB TX (STATION NAME) | 70,73,75-81 (YEARS) | APR (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 | 10.1 | 47.6 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| ≥ 20000 | 10.3 | 53.0 | 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 | 10.5 | 53.4 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| ≥ 16000 | 10.6 | 53.6 | 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 |
| ≥ 14000 | 10.6 | 54.3 | 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 | 10.6 | 55.6 | 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 |
| ≥ 10000 | 11.1 | 58.9 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 9000 | 11.1 | 59.1 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 8000 | 11.1 | 59.3 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| ≥ 7000 | 11.2 | 59.5 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 6000 | 11.2 | 60.3 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 5000 | 11.2 | 60.6 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| ≥ 4500 | 11.5 | 62.1 | 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 | 62.5 |
| ≥ 4000 | 11.5 | 62.2 | 62.9 | 62.9 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 3500 | 11.5 | 62.9 | 63.6 | 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 |
| ≥ 3000 | 12.1 | 65.2 | 65.9 | 65.9 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 2500 | 12.4 | 68.1 | 68.8 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 2000 | 12.8 | 72.1 | 72.8 | 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 |
| ≥ 1800 | 12.8 | 73.3 | 74.0 | 74.0 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 1500 | 12.8 | 77.7 | 78.4 | 78.4 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 1200 | 13.2 | 81.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 1000 | 13.6 | 85.5 | 86.6 | 86.8 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 900 | 14.2 | 87.4 | 88.6 | 88.8 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 800 | 14.2 | 88.6 | 90.1 | 90.2 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 700 | 14.2 | 89.7 | 91.4 | 91.5 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 600 | 14.2 | 91.1 | 92.8 | 93.1 | 94.5 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 500 | 14.2 | 91.5 | 94.0 | 94.3 | 96.1 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 400 | 14.2 | 92.0 | 94.7 | 95.4 | 97.8 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 300 | 14.2 | 92.2 | 95.0 | 95.8 | 98.3 | 98.7 | 99.3 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 14.2 | 92.2 | 95.0 | 95.8 | 98.3 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 14.2 | 92.2 | 95.0 | 95.8 | 98.3 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 14.2 | 92.2 | 95.0 | 95.8 | 98.3 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 26.0 | 36.6 | 37.4 | 37.5 | 37.8 | 37.9 | 38.0 | 38.0 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 |
| ≥ 20000 | 30.2 | 42.8 | 43.9 | 44.0 | 44.4 | 44.5 | 44.6 | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 18000 | 30.3 | 43.0 | 44.1 | 44.3 | 44.6 | 44.7 | 44.8 | 44.8 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| ≥ 16000 | 30.6 | 43.2 | 44.4 | 44.5 | 44.8 | 44.9 | 45.1 | 45.1 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 |
| ≥ 14000 | 30.9 | 43.9 | 45.1 | 45.3 | 45.6 | 45.7 | 45.9 | 46.0 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 |
| ≥ 12000 | 31.4 | 44.6 | 45.7 | 46.0 | 46.3 | 46.4 | 46.6 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| ≥ 10000 | 32.3 | 46.4 | 47.7 | 47.9 | 48.3 | 48.4 | 48.5 | 48.7 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 |
| ≥ 9000 | 32.4 | 46.7 | 47.9 | 48.2 | 48.5 | 48.6 | 48.7 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 8000 | 33.1 | 47.7 | 49.0 | 49.2 | 49.5 | 49.7 | 49.8 | 50.0 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥ 7000 | 33.4 | 48.0 | 49.4 | 49.7 | 50.0 | 50.1 | 50.2 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| ≥ 6000 | 34.3 | 49.4 | 50.8 | 51.0 | 51.4 | 51.5 | 51.6 | 51.8 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 5000 | 34.6 | 49.9 | 51.3 | 51.5 | 51.8 | 52.0 | 52.1 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 4500 | 35.1 | 50.6 | 52.0 | 52.2 | 52.5 | 52.6 | 52.8 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| ≥ 4000 | 35.5 | 51.3 | 52.6 | 53.0 | 53.3 | 53.4 | 53.6 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| ≥ 3500 | 36.1 | 52.1 | 53.4 | 53.8 | 54.3 | 54.4 | 54.5 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 3000 | 36.5 | 53.7 | 55.1 | 55.4 | 55.9 | 56.0 | 56.1 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 2500 | 37.5 | 55.3 | 56.7 | 57.0 | 57.5 | 57.6 | 57.7 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 2000 | 39.5 | 59.2 | 60.6 | 60.9 | 61.4 | 61.5 | 61.6 | 61.8 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 1800 | 40.0 | 60.0 | 61.6 | 62.0 | 62.4 | 62.5 | 62.6 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 1500 | 42.2 | 65.2 | 67.1 | 67.6 | 68.2 | 68.3 | 68.4 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 1200 | 43.8 | 70.1 | 72.8 | 73.6 | 74.4 | 74.5 | 74.6 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 1000 | 44.7 | 73.7 | 77.1 | 77.9 | 79.0 | 79.1 | 79.2 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 900 | 45.7 | 75.7 | 79.8 | 81.0 | 82.2 | 82.3 | 82.4 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| 800 | 46.6 | 77.4 | 81.6 | 82.9 | 84.1 | 84.3 | 84.5 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 700 | 47.7 | 79.1 | 83.7 | 85.4 | 87.2 | 87.4 | 87.7 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| 600 | 48.2 | 80.3 | 85.2 | 87.1 | 89.4 | 89.5 | 89.9 | 90.1 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 500 | 48.3 | 81.1 | 86.2 | 88.3 | 91.1 | 91.4 | 92.0 | 92.5 | 92.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 |
| 400 | 48.4 | 81.3 | 86.7 | 89.0 | 92.6 | 93.3 | 94.6 | 95.5 | 96.0 | 96.4 | 96.7 | 96.7 | 96.9 | 96.9 | 97.0 | 97.0 |
| ≥ 300 | 48.4 | 81.5 | 86.9 | 89.3 | 93.0 | 93.8 | 95.3 | 96.4 | 97.0 | 97.8 | 98.2 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 |
| 200 | 48.4 | 81.5 | 86.9 | 89.3 | 93.1 | 94.0 | 95.6 | 96.9 | 97.7 | 98.6 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 100 | 48.4 | 81.5 | 86.9 | 89.3 | 93.1 | 94.0 | 95.6 | 97.1 | 97.9 | 98.9 | 99.3 | 99.3 | 99.8 | 99.8 | 99.9 | 100.0 |
| ≥ 0 | 48.4 | 81.5 | 86.9 | 89.3 | 93.1 | 94.0 | 95.6 | 97.1 | 97.9 | 98.9 | 99.3 | 99.3 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 870

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) APR (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 | 38.7 | 41.2 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 |
| ≥ 20000 | 43.2 | 47.3 | 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 | 47.8 |
| ≥ 18000 | 43.6 | 47.6 | 48.0 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| ≥ 16000 | 43.7 | 47.7 | 48.2 | 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 |
| ≥ 14000 | 43.8 | 47.8 | 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 |
| ≥ 12000 | 44.9 | 48.9 | 49.4 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 10000 | 46.6 | 50.7 | 51.2 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 9000 | 46.8 | 50.9 | 51.4 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 8000 | 47.5 | 51.6 | 52.1 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 7000 | 48.2 | 52.3 | 52.7 | 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 |
| ≥ 6000 | 48.6 | 52.7 | 53.2 | 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 |
| ≥ 5000 | 48.7 | 52.8 | 53.3 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| ≥ 4500 | 49.3 | 53.4 | 53.9 | 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 |
| ≥ 4000 | 49.9 | 54.4 | 54.9 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 3500 | 50.7 | 55.4 | 55.9 | 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 |
| ≥ 3000 | 51.2 | 56.0 | 56.4 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| ≥ 2500 | 52.7 | 58.4 | 58.9 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 2000 | 55.6 | 63.0 | 63.7 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 1800 | 56.8 | 64.9 | 65.6 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 1500 | 60.9 | 71.8 | 73.0 | 73.5 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 1200 | 64.0 | 78.2 | 79.8 | 80.9 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 1000 | 65.0 | 81.5 | 83.6 | 84.8 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 900 | 65.7 | 83.7 | 86.1 | 87.5 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 800 | 66.0 | 85.5 | 88.3 | 89.7 | 90.5 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 700 | 66.1 | 86.7 | 90.1 | 91.6 | 92.6 | 92.7 | 92.8 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 600 | 66.5 | 87.7 | 91.4 | 93.3 | 94.5 | 95.0 | 95.2 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 500 | 66.6 | 88.2 | 92.2 | 94.1 | 95.5 | 96.0 | 96.3 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 400 | 66.6 | 88.4 | 92.5 | 94.5 | 96.3 | 97.1 | 97.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 300 | 66.6 | 88.4 | 92.6 | 94.6 | 96.4 | 97.2 | 97.8 | 99.0 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 66.6 | 88.4 | 92.6 | 94.6 | 96.4 | 97.2 | 97.9 | 99.1 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 66.6 | 88.4 | 92.6 | 94.6 | 96.4 | 97.2 | 97.9 | 99.1 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 66.6 | 88.4 | 92.6 | 94.6 | 96.4 | 97.2 | 97.9 | 99.1 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 895

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722715 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 49.7 | 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 | 53.1 |
| ≥ 20000 | 57.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 18000 | 57.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 16000 | 58.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 14000 | 59.3 | 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 | 64.4 |
| ≥ 12000 | 59.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 10000 | 61.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 9000 | 61.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 8000 | 62.3 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 7000 | 62.8 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 6000 | 63.2 | 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 |
| ≥ 5000 | 63.7 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 4500 | 63.9 | 69.4 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 4000 | 65.1 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 3500 | 67.4 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 3000 | 68.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 2500 | 71.2 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 2000 | 73.8 | 84.6 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 1800 | 74.6 | 86.0 | 86.4 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 1500 | 77.0 | 90.7 | 91.2 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 1200 | 78.6 | 93.6 | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1000 | 79.2 | 95.2 | 96.0 | 96.4 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.2 |
| ≥ 900 | 79.6 | 95.9 | 96.7 | 97.1 | 97.3 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 800 | 79.6 | 96.1 | 97.0 | 97.6 | 97.9 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 79.7 | 96.4 | 97.3 | 97.9 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 79.9 | 96.7 | 97.6 | 98.1 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 80.0 | 96.8 | 97.7 | 98.2 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 80.0 | 96.8 | 97.7 | 98.2 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 80.0 | 96.8 | 97.7 | 98.2 | 99.0 | 99.1 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 80.0 | 96.8 | 97.7 | 98.2 | 99.0 | 99.1 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 80.0 | 96.8 | 97.7 | 98.2 | 99.0 | 99.1 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 80.0 | 96.8 | 97.7 | 98.2 | 99.0 | 99.1 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

| 722615 | LAUGHLIN AFB TX | 70,73-81 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 52.7 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 20000 | 68.4 | 75.0 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 18000 | 69.3 | 75.9 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 16000 | 69.6 | 76.2 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 14000 | 71.5 | 78.8 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 12000 | 73.5 | 80.9 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 10000 | 75.1 | 82.8 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 9000 | 75.3 | 83.1 | 83.8 | 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 |
| ≥ 8000 | 76.0 | 84.0 | 84.7 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 7000 | 76.1 | 84.2 | 84.9 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 6000 | 76.6 | 84.9 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 5000 | 77.4 | 85.9 | 86.6 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 4500 | 78.0 | 86.5 | 87.2 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 4000 | 79.2 | 88.2 | 88.8 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 3500 | 81.5 | 90.9 | 91.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 3000 | 82.2 | 92.3 | 93.0 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 2500 | 82.6 | 92.7 | 93.4 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 2000 | 83.6 | 94.3 | 95.0 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1800 | 83.7 | 94.5 | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1500 | 84.8 | 96.0 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1200 | 85.6 | 97.3 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1000 | 85.8 | 97.7 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 900 | 85.9 | 97.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 800 | 85.9 | 97.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 86.0 | 97.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 86.0 | 97.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 86.0 | 97.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 86.0 | 97.9 | 99.0 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 86.0 | 97.9 | 99.0 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 86.0 | 97.9 | 99.0 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 86.0 | 97.9 | 99.0 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 86.0 | 97.9 | 99.0 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 895

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

| 722615 | LAUGHLIN AFB TX | 70,73-81 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 43.1 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 20000 | 58.1 | 77.5 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 18000 | 58.8 | 78.7 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 16000 | 58.8 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 14000 | 60.3 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 12000 | 61.6 | 83.8 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 10000 | 63.0 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 9000 | 63.0 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 8000 | 63.5 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 7000 | 64.0 | 88.5 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 6000 | 64.4 | 89.5 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 5000 | 64.4 | 90.0 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 4500 | 64.9 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 4000 | 65.4 | 91.5 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 3500 | 66.1 | 93.0 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 3000 | 66.1 | 93.2 | 93.9 | 93.9 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 2500 | 66.6 | 94.6 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 2000 | 66.7 | 95.2 | 96.0 | 96.0 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1800 | 66.9 | 95.4 | 96.3 | 96.3 | 96.4 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1500 | 67.6 | 96.8 | 97.7 | 97.7 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1200 | 67.9 | 97.4 | 98.3 | 98.3 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1000 | 67.9 | 97.5 | 98.4 | 98.4 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 900 | 67.9 | 97.8 | 98.6 | 98.6 | 98.8 | 98.9 | 99.. | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 68.0 | 97.9 | 99.0 | 99.0 | 99.1 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 68.1 | 98.0 | 99.1 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 68.1 | 98.1 | 99.3 | 99.3 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 68.1 | 98.1 | 99.3 | 99.3 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 68.1 | 98.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 68.1 | 98.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 68.1 | 98.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 68.1 | 98.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 68.1 | 98.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (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 | 22.3 | 63.5 | 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 |
| ≥ 20000 | 25.9 | 74.5 | 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 |
| ≥ 18000 | 26.2 | 74.8 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 16000 | 26.2 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 14000 | 26.3 | 77.2 | 77.3 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 12000 | 26.3 | 79.0 | 79.1 | 79.1 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 10000 | 26.4 | 81.7 | 81.9 | 81.9 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 9000 | 26.4 | 81.7 | 81.9 | 81.9 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 8000 | 26.5 | 82.2 | 82.4 | 82.4 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 7000 | 27.0 | 83.0 | 83.1 | 83.1 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 6000 | 27.2 | 84.0 | 84.1 | 84.1 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 5000 | 27.2 | 85.0 | 85.1 | 85.1 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 4500 | 27.3 | 86.1 | 86.2 | 86.2 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 4000 | 27.7 | 87.0 | 87.2 | 87.2 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 3500 | 27.7 | 88.4 | 88.7 | 88.7 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 3000 | 27.9 | 89.5 | 89.9 | 89.9 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 2500 | 28.0 | 91.7 | 92.2 | 92.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 2000 | 28.3 | 93.9 | 94.6 | 94.6 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1800 | 28.4 | 94.4 | 95.1 | 95.1 | 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 | 28.7 | 95.0 | 95.7 | 95.7 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1200 | 29.3 | 95.7 | 96.6 | 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 |
| ≥ 1000 | 29.7 | 96.5 | 97.4 | 97.4 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 29.9 | 97.2 | 98.1 | 98.4 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 800 | 29.9 | 97.2 | 98.1 | 98.5 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 30.0 | 97.5 | 98.5 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) APR (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 | 33.0 | 51.5 | 51.7 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 20000 | 40.1 | 62.1 | 62.4 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 18000 | 40.4 | 62.6 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 16000 | 40.6 | 62.8 | 63.2 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 14000 | 41.3 | 64.3 | 64.7 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 12000 | 42.0 | 65.6 | 66.0 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 10000 | 43.0 | 68.0 | 68.5 | 68.6 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 9000 | 43.1 | 68.1 | 68.6 | 68.7 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 8000 | 43.6 | 68.9 | 69.4 | 69.5 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 7000 | 44.0 | 69.5 | 70.0 | 70.1 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 6000 | 44.3 | 70.3 | 70.8 | 70.9 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 5000 | 44.6 | 70.9 | 71.4 | 71.6 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | [illegible]8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 4500 | 44.9 | 71.7 | 72.2 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 4000 | 45.5 | 72.7 | 73.2 | 73.4 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 3500 | 46.4 | 74.2 | 74.8 | 75.0 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 3000 | 47.0 | 75.6 | 76.2 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 2500 | 47.8 | 77.8 | 78.4 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 2000 | 49.0 | 80.8 | 81.6 | 81.8 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 1800 | 49.4 | 81.7 | 82.5 | 82.6 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 1500 | 50.9 | 85.2 | 86.1 | 86.3 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 1200 | 52.0 | 88.2 | 89.3 | 89.7 | 90.0 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 1000 | 52.5 | 90.1 | 91.5 | 92.0 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 900 | 52.9 | 91.1 | 92.7 | 93.3 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 800 | 53.1 | 91.8 | 93.5 | 94.2 | 94.7 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 700 | 53.3 | 92.5 | 94.4 | 95.1 | 95.8 | 95.9 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 600 | 53.4 | 93.1 | 95.1 | 95.9 | 96.8 | 96.9 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 500 | 53.5 | 93.3 | 95.5 | 96.3 | 97.4 | 97.5 | 97.8 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 400 | 53.5 | 93.4 | 95.7 | 96.6 | 97.9 | 98.2 | 98.6 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| ≥ 300 | 53.5 | 93.5 | 95.8 | 96.7 | 98.0 | 98.4 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 53.5 | 93.5 | 95.8 | 96.7 | 98.1 | 98.4 | 98.9 | 99.3 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 53.5 | 93.5 | 95.8 | 96.7 | 98.1 | 98.4 | 98.9 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 53.5 | 93.5 | 95.8 | 96.7 | 98.1 | 98.4 | 98.9 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6547

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 70,75-81 YEARS | MAY 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 | ≥1¾ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 11.3 | 54.7 | 55.6 | 56.3 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 20000 | 11.3 | 64.1 | 65.2 | 66.0 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 18000 | 11.9 | 64.7 | 65.8 | 66.6 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 16000 | 12.1 | 64.9 | 66.0 | 66.7 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 14000 | 12.2 | 65.3 | 66.4 | 67.2 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 12000 | 12.2 | 66.6 | 67.6 | 68.4 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 10000 | 13.0 | 69.2 | 70.2 | 71.1 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 9000 | 13.0 | 69.2 | 70.2 | 71.1 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 8000 | 13.0 | 69.8 | 70.8 | 71.8 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 7000 | 13.0 | 69.8 | 70.8 | 71.8 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 6000 | 13.1 | 70.1 | 71.1 | 72.1 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 5000 | 13.3 | 71.1 | 72.4 | 73.3 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 4500 | 13.1 | 71.9 | 73.1 | 74.0 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 4000 | 13.3 | 72.2 | 73.4 | 74.4 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 3500 | 13.1 | 74.5 | 75.9 | 76.8 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 3000 | 13.3 | 76.5 | 77.9 | 78.8 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 2500 | 13.3 | 79.2 | 80.6 | 81.5 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 2000 | 13.3 | 82.1 | 83.8 | 84.9 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 1800 | 13.3 | 83.1 | 84.7 | 85.8 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 1500 | 13.4 | 87.8 | 90.1 | 91.1 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 1200 | 13.4 | 89.9 | 92.5 | 93.6 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1000 | 13.4 | 91.1 | 94.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 900 | 13.4 | 91.8 | 95.1 | 96.2 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 800 | 13.4 | 92.8 | 96.2 | 97.3 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 700 | 13.4 | 93.4 | 96.8 | 97.9 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 13.4 | 94.0 | 97.4 | 98.5 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 13.4 | 94.0 | 97.4 | 98.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 13.4 | 94.4 | 97.7 | 98.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 13.4 | 94.4 | 97.9 | 98.9 | 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 | 13.4 | 94.4 | 97.9 | 98.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 13.4 | 94.4 | 97.9 | 98.9 | 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 | 13.4 | 94.4 | 97.9 | 98.9 | 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 655

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,75-81 (YEARS) MAY (MONTH)

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

0700-0800 (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 | 12.1 | 39.9 | 40.2 | 41.0 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| ≥ 20000 | 13.2 | 46.2 | 46.4 | 47.4 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 |
| ≥ 18000 | 13.2 | 46.7 | 47.0 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 |
| ≥ 16000 | 13.2 | 46.7 | 47.0 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 |
| ≥ 14000 | 13.2 | 47.0 | 47.3 | 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 |
| ≥ 12000 | 13.4 | 48.4 | 48.7 | 49.7 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| ≥ 10000 | 13.8 | 50.1 | 50.4 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 9000 | 13.8 | 50.4 | 50.7 | 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 |
| ≥ 8000 | 14.2 | 51.1 | 51.4 | 52.4 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 7000 | 14.2 | 51.4 | 51.7 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 6000 | 14.2 | 52.0 | 52.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| ≥ 5000 | 14.2 | 53.0 | 53.7 | 54.8 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| ≥ 4500 | 14.2 | 53.1 | 54.0 | 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 |
| ≥ 4000 | 14.4 | 54.3 | 55.3 | 56.4 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 3500 | 14.5 | 55.3 | 56.3 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 3000 | 14.3 | 57.7 | 58.8 | 60.1 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 2500 | 15.4 | 61.0 | 62.1 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 2000 | 16.2 | 65.8 | 67.4 | 68.7 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 1800 | 16.4 | 67.5 | 69.1 | 70.5 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 1500 | 17.2 | 73.6 | 75.8 | 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 |
| ≥ 1200 | 17.8 | 78.9 | 81.8 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 1000 | 18.2 | 82.6 | 86.1 | 87.6 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 900 | 18.4 | 84.3 | 88.2 | 89.7 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 800 | 18.7 | 86.0 | 90.3 | 91.9 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 700 | 18.9 | 87.0 | 91.9 | 93.4 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 600 | 18.9 | 88.0 | 93.2 | 94.7 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 500 | 18.9 | 88.6 | 94.4 | 96.2 | 97.7 | 97.7 | 97.9 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 400 | 18.9 | 88.7 | 94.7 | 96.6 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 300 | 18.9 | 88.9 | 94.9 | 97.0 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 18.9 | 88.9 | 94.9 | 97.0 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 18.9 | 88.9 | 94.9 | 97.0 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 18.9 | 88.9 | 94.9 | 97.0 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 702

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...ETAC
A ...EATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

| 722715 | LAUGHLIN AFB TX | 70,73-81 | MAY |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 23.6 | 29.0 | 29.8 | 30.0 | 31.2 | 31.3 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 |
| ≥ 20000 | 26.8 | 32.6 | 33.4 | 33.8 | 35.1 | 35.2 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 |
| ≥ 18000 | 27.1 | 33.1 | 33.9 | 34.4 | 35.6 | 35.7 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 |
| ≥ 6000 | 27.1 | 33.1 | 33.9 | 34.4 | 35.6 | 35.7 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 |
| ≥ 14000 | 27.9 | 34.5 | 35.3 | 35.7 | 37.0 | 37.1 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 |
| ≥ 2000 | 29.1 | 36.0 | 36.9 | 37.3 | 38.7 | 38.8 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| ≥ 10000 | 30.5 | 38.2 | 39.4 | 39.9 | 41.3 | 41.4 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| ≥ 9000 | 30.9 | 38.5 | 39.6 | 40.2 | 41.5 | 41.6 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| ≥ 8000 | 31.1 | 38.9 | 40.0 | 40.6 | 42.0 | 42.1 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 7000 | 31.4 | 39.3 | 40.4 | 41.0 | 42.3 | 42.4 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 6000 | 32.1 | 40.8 | 42.1 | 42.8 | 44.1 | 44.2 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| ≥ 5000 | 33.0 | 42.1 | 43.3 | 44.0 | 45.9 | 45.5 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| ≥ 4500 | 33.7 | 42.9 | 44.1 | 44.8 | 46.2 | 46.3 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| ≥ 4000 | 34.5 | 44.1 | 45.4 | 46.0 | 47.4 | 47.5 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 |
| ≥ 3500 | 35.3 | 45.8 | 47.1 | 47.7 | 49.1 | 49.2 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| ≥ 3000 | 36.2 | 48.0 | 49.7 | 50.5 | 51.8 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 2500 | 38.1 | 51.2 | 53.3 | 54.2 | 55.8 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 2000 | 40.6 | 55.0 | 57.1 | 58.1 | 60.1 | 60.3 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 1800 | 41.4 | 56.2 | 58.5 | 59.6 | 61.5 | 61.8 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 1500 | 45.4 | 62.8 | 65.3 | 66.6 | 68.9 | 69.2 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 1200 | 47.9 | 67.8 | 70.7 | 72.3 | 75.0 | 75.3 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 1000 | 49.3 | 70.8 | 74.7 | 76.6 | 79.5 | 79.9 | 80.5 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 900 | 50.2 | 73.0 | 77.3 | 79.6 | 82.7 | 83.0 | 83.8 | 83.9 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 800 | 51.0 | 75.5 | 80.0 | 82.6 | 86.2 | 86.5 | 87.3 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 700 | 51.4 | 77.4 | 82.8 | 85.4 | 89.4 | 89.7 | 90.5 | 90.7 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 600 | 51.5 | 78.2 | 83.7 | 86.8 | 91.2 | 91.5 | 92.3 | 92.6 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 500 | 51.5 | 79.0 | 84.8 | 87.9 | 93.7 | 94.1 | 95.1 | 95.5 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 400 | 51.5 | 79.1 | 85.2 | 88.3 | 94.6 | 95.0 | 96.4 | 97.1 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 300 | 51.5 | 79.1 | 85.2 | 88.3 | 94.7 | 95.5 | 97.2 | 98.1 | 98.4 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 51.5 | 79.1 | 85.2 | 88.3 | 94.8 | 95.6 | 97.4 | 98.3 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 51.5 | 79.1 | 85.2 | 88.3 | 94.8 | 95.6 | 97.4 | 98.3 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 51.5 | 79.1 | 85.2 | 88.3 | 94.8 | 95.6 | 97.4 | 98.3 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 884

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72218 | LAUGHLIN AFB TX | 70,73-81 | MAY
STATION | STATION NAME | YEARS | MONTH

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

0700-1100
HOURS (L.S.T.)

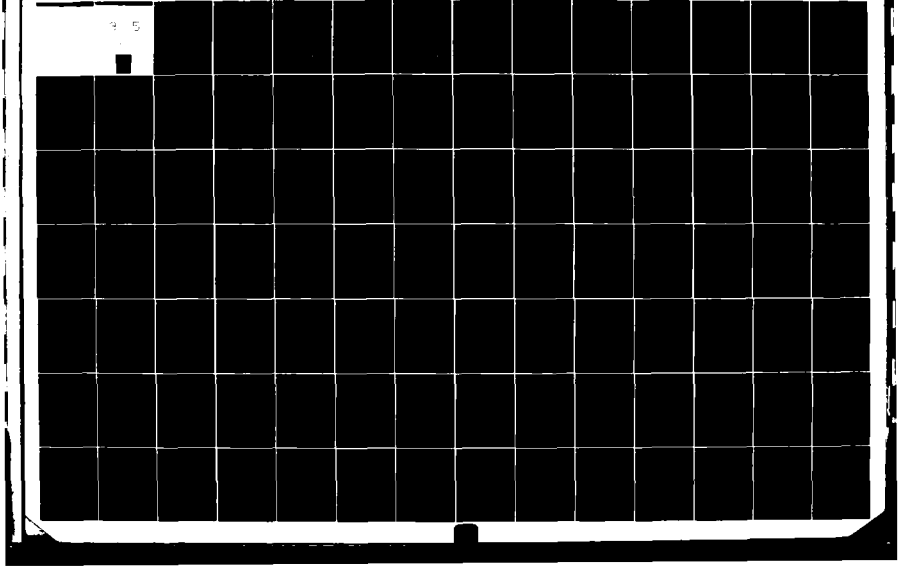
| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 0 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥ 1½ | ≥1¼ | ≥1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 0 | ≥ 0 |
| NO CEILING | 33.2 | 36.6 | 37.1 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.1 | 37.1 | 37.1 |
| ≥ 20000 | 38.1 | 41.9 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 18000 | 39.4 | 42.1 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 6000 | 38.4 | 42.1 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 14000 | 38.7 | 42.5 | 43.1 | 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 | 40.7 | 44.3 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 10000 | 41.7 | 45.7 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 9000 | 41.9 | 46.0 | 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 |
| ≥ 8000 | 42.3 | 46.7 | 47.3 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| ≥ 7000 | 42.4 | 46.8 | 47.4 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 6000 | 43.6 | 48.0 | 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 |
| ≥ 5000 | 44.2 | 49.6 | 49.5 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 4500 | 44.5 | 49.0 | 49.8 | 49.9 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥ 4000 | 45.2 | 49.9 | 50.8 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 3500 | 46.9 | 52.1 | 53.1 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 3000 | 47.3 | 54.3 | 55.3 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 2500 | 49.3 | 56.8 | 58.6 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 2000 | 53.7 | 63.5 | 65.4 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 1800 | 55.3 | 65.9 | 67.8 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 1500 | 59.5 | 72.7 | 75.7 | 76.2 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 1200 | 63.0 | 79.9 | 83.8 | 84.3 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 1000 | 64.4 | 83.5 | 88.2 | 89.3 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 900 | 64.8 | 84.6 | 89.7 | 90.8 | 91.3 | 91.6 | 91.6 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 800 | 65.0 | 85.4 | 90.9 | 92.1 | 93.1 | 93.7 | 94.1 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 700 | 65.4 | 86.1 | 91.9 | 93.4 | 94.6 | 95.3 | 95.7 | 95.8 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 600 | 65.4 | 86.3 | 92.2 | 93.9 | 95.3 | 96.0 | 96.4 | 96.7 | 96.7 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 500 | 65.4 | 86.3 | 92.5 | 94.2 | 96.0 | 96.7 | 97.4 | 97.8 | 97.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 65.4 | 86.3 | 92.5 | 94.2 | 96.1 | 96.9 | 97.8 | 98.5 | 98.7 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 65.4 | 86.3 | 92.5 | 94.2 | 96.1 | 96.9 | 97.8 | 98.6 | 98.8 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 65.4 | 86.3 | 92.5 | 94.2 | 96.1 | 96.9 | 97.8 | 98.6 | 98.9 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 65.4 | 86.3 | 92.5 | 94.2 | 96.1 | 96.9 | 97.8 | 98.6 | 98.9 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 65.4 | 86.3 | 92.5 | 94.2 | 96.1 | 96.9 | 97.8 | 98.6 | 98.9 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |

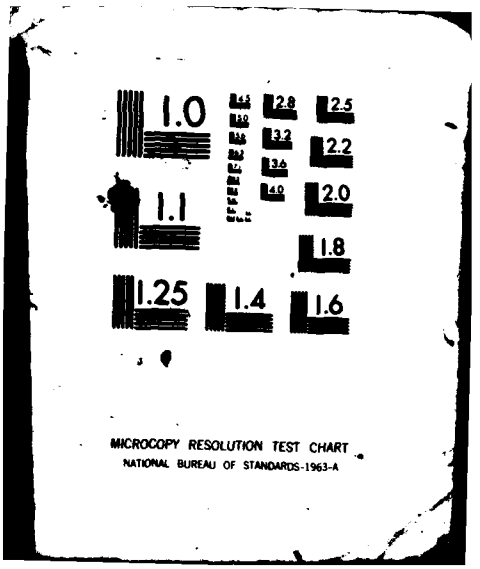
TOTAL NUMBER OF OBSERVATIONS 1

USAF ETAC FORM JUL 64 0-14-9 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A116 094 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(U)
APR 82

UNCLASSIFIED USAFETAC/DS-82/026 SBI-AD-E850 173 NL




1.0
1.1
1.25
1.4
1.6
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2.0
2.2
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3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (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 | 48.4 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| ≥ 20000 | 55.7 | 62.2 | 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 |
| ≥ 18000 | 56.2 | 62.7 | 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 | 63.0 |
| ≥ 16000 | 56.3 | 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 | 63.1 |
| ≥ 14000 | 56.7 | 63.3 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 12000 | 57.7 | 64.5 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 10000 | 59.0 | 66.2 | 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 |
| ≥ 9000 | 59.3 | 66.7 | 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 | 67.0 |
| ≥ 8000 | 59.8 | 67.2 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 7000 | 60.5 | 67.9 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 6000 | 60.7 | 68.1 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 5000 | 61.9 | 69.6 | 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 |
| ≥ 4500 | 62.3 | 70.1 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 4000 | 63.3 | 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 | 71.6 |
| ≥ 3500 | 65.7 | 74.1 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 3000 | 68.8 | 78.6 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 2500 | 71.4 | 83.0 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 2000 | 73.9 | 88.2 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 1800 | 74.7 | 89.3 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 1500 | 76.3 | 91.5 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1200 | 77.9 | 95.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1000 | 77.7 | 97.0 | 98.4 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 900 | 77.7 | 97.1 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 77.7 | 97.1 | 98.6 | 98.7 | 98.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (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 | 52.7 | 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 |
| ≥ 20000 | 70.5 | 77.7 | 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 |
| ≥ 18000 | 71.1 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 16000 | 71.3 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 14000 | 72.3 | 79.9 | 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 |
| ≥ 12000 | 72.5 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 10000 | 74.1 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 9000 | 74.6 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 8000 | 75.0 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 7000 | 75.1 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 6000 | 75.3 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 5000 | 76.0 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 4500 | 76.2 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 4000 | 76.6 | 88.1 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 3500 | 78.3 | 90.6 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 3000 | 80.4 | 93.5 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 2500 | 81.8 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 2000 | 82.1 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 82.9 | 98.1 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1500 | 83.0 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1200 | 83.1 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 83.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 83.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 83.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 83.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 83.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 83.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 83.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 83.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 83.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 83.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 83.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 912

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (MONTH)

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

1600-2000 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 | 42.1 | 51.9 | 52.1 | 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 |
| ≥ 20000 | 59.6 | 77.0 | 77.4 | 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 |
| ≥ 18000 | 60.4 | 78.1 | 78.5 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 16000 | 60.7 | 78.5 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 14000 | 61.9 | 80.4 | 80.7 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 12000 | 62.3 | 82.1 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 10000 | 64.1 | 86.0 | 86.5 | 86.8 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 9000 | 64.5 | 87.3 | 87.8 | 88.0 | 88.1 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 8000 | 65.3 | 88.1 | 88.6 | 88.9 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 7000 | 65.3 | 88.1 | 88.6 | 88.9 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 6000 | 65.7 | 88.8 | 89.3 | 89.5 | 89.6 | 89.6 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 5000 | 66.3 | 89.9 | 90.5 | 90.7 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 4500 | 67.0 | 91.0 | 91.6 | 91.9 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 4000 | 67.7 | 92.5 | 93.1 | 93.3 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 3500 | 68.1 | 93.8 | 94.7 | 94.9 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 3000 | 68.6 | 95.3 | 96.4 | 96.7 | 96.8 | 96.8 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 2500 | 69.0 | 96.5 | 97.8 | 98.0 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 2000 | 69.5 | 97.8 | 98.8 | 99.0 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1800 | 69.5 | 97.7 | 98.9 | 99.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1500 | 69.6 | 97.8 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM 0-106 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) MAY (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 | 22.8 | 61.4 | 61.8 | 62.2 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 20000 | 25.2 | 76.7 | 77.4 | 77.8 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 18000 | 25.3 | 77.2 | 78.0 | 78.4 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 16000 | 25.7 | 77.6 | 78.4 | 78.7 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 14000 | 25.7 | 78.4 | 79.1 | 79.5 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 12000 | 26.1 | 80.8 | 81.6 | 82.0 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 10000 | 26.5 | 84.2 | 85.0 | 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 |
| ≥ 9000 | 27.2 | 84.7 | 85.5 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 8000 | 27.2 | 84.7 | 85.5 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 7000 | 27.2 | 84.9 | 85.7 | 86.0 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 6000 | 27.4 | 85.3 | 86.0 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 5000 | 27.5 | 86.0 | 86.8 | 87.2 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 4500 | 27.5 | 86.6 | 87.4 | 88.0 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | 28.2 | 88.1 | 89.5 | 89.8 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 3500 | 28.3 | 89.6 | 91.0 | 91.4 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 3000 | 28.3 | 91.0 | 92.2 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 2500 | 28.3 | 92.6 | 94.1 | 94.7 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 2000 | 28.6 | 94.5 | 96.0 | 96.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1800 | 28.6 | 95.0 | 96.5 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1500 | 28.7 | 96.1 | 97.5 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1200 | 28.7 | 96.7 | 98.2 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 28.7 | 97.0 | 98.5 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 28.7 | 97.1 | 98.6 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 28.7 | 97.3 | 98.8 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 28.7 | 97.3 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 28.7 | 97.3 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 28.7 | 97.3 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 28.7 | 97.3 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 28.7 | 97.3 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 28.7 | 97.3 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 28.7 | 97.3 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 28.7 | 97.3 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 767

USAF ETAC FORM NO. 0-106 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (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 | 32.2 | 47.8 | 48.2 | 48.4 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| ≥ 20000 | 39.4 | 59.5 | 60.0 | 60.3 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 18000 | 39.8 | 60.1 | 60.6 | 61.0 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 16000 | 39.9 | 60.3 | 60.8 | 61.1 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 14000 | 40.4 | 61.2 | 61.7 | 62.0 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 12000 | 41.1 | 62.8 | 63.3 | 63.6 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 10000 | 42.3 | 65.2 | 65.8 | 66.1 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 9000 | 42.6 | 65.6 | 66.2 | 66.6 | 66.9 | 66.9 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 8000 | 43.0 | 66.2 | 66.8 | 67.2 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 7000 | 43.1 | 66.4 | 67.0 | 67.4 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 6000 | 43.5 | 67.1 | 67.7 | 68.1 | 68.4 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 5000 | 44.1 | 68.2 | 68.8 | 69.3 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 4500 | 44.4 | 68.8 | 69.5 | 69.9 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 4000 | 45.0 | 70.0 | 70.8 | 71.2 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 3500 | 46.0 | 71.8 | 72.7 | 73.1 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 3000 | 47.1 | 74.2 | 75.2 | 75.7 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 2500 | 48.2 | 77.0 | 78.2 | 78.7 | 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 | 49.6 | 80.3 | 81.6 | 82.4 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 1800 | 50.3 | 81.6 | 82.9 | 83.5 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 1500 | 51.4 | 83.3 | 84.7 | 85.3 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 1200 | 52.8 | 88.2 | 90.3 | 91.0 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 1000 | 53.1 | 89.5 | 92.1 | 93.1 | 93.8 | 93.8 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 900 | 53.5 | 90.6 | 93.3 | 94.2 | 94.9 | 95.0 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 800 | 53.7 | 91.3 | 94.2 | 95.2 | 95.9 | 96.1 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 700 | 53.8 | 91.9 | 94.9 | 95.9 | 96.9 | 97.0 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 |
| ≥ 600 | 53.8 | 92.2 | 95.3 | 96.3 | 97.4 | 97.6 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 500 | 53.8 | 92.4 | 95.6 | 96.7 | 98.1 | 98.3 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 |
| ≥ 400 | 53.8 | 92.6 | 95.7 | 96.8 | 98.3 | 98.5 | 98.8 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 53.8 | 92.6 | 95.8 | 96.9 | 98.4 | 98.7 | 99.2 | 99.4 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 53.8 | 92.6 | 95.8 | 96.9 | 98.4 | 98.7 | 99.2 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 53.8 | 92.6 | 95.8 | 96.9 | 98.5 | 98.7 | 99.2 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 53.8 | 92.6 | 95.8 | 96.9 | 98.5 | 98.7 | 99.2 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6862

USAF ETAC FORM 0-9 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 20.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 20000 | 21.5 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 18000 | 21.6 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 16000 | 21.6 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 14000 | 21.6 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 12000 | 21.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 10000 | 22.3 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 9000 | 22.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 8000 | 22.3 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 7000 | 22.3 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 6000 | 22.3 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 5000 | 22.3 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 4500 | 22.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 4000 | 22.4 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 3500 | 22.9 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 3000 | 23.6 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 2500 | 23.9 | 93.1 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 2000 | 23.6 | 94.8 | 94.8 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1800 | 23.6 | 95.0 | 95.0 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1500 | 24.3 | 96.5 | 96.5 | 96.5 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1200 | 24.3 | 97.6 | 97.6 | 97.6 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | 24.6 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900 | 24.6 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 24.6 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 24.6 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 24.6 | 99.2 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 24.6 | 99.2 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 24.6 | 99.2 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 24.6 | 99.2 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 24.6 | 99.2 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 24.6 | 99.2 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 24.6 | 99.2 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 438

USAF ETAC FORM NO. 0-14-3 (REL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) JUN (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 | 18.5 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| ≥ 20000 | 20.7 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 18000 | 21.0 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 16000 | 21.0 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 14000 | 21.0 | 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 | 65.8 | 65.8 |
| ≥ 12000 | 21.0 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 10000 | 21.1 | 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 | 67.8 | 67.8 |
| ≥ 9000 | 21.1 | 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 | 67.8 | 67.8 |
| ≥ 8000 | 21.3 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 7000 | 21.3 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 6000 | 21.3 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 5000 | 21.4 | 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 | 69.0 | 69.0 |
| ≥ 4500 | 21.7 | 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 | 69.9 |
| ≥ 4000 | 21.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 3500 | 21.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 3000 | 22.0 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 2500 | 22.6 | 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 | 75.7 | 75.7 |
| ≥ 2000 | 23.9 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 1800 | 24.7 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 1500 | 26.2 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 1200 | 27.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1000 | 28.2 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 900 | 28.4 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 800 | 28.4 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 700 | 28.4 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 600 | 28.4 | 98.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 28.4 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 28.4 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 28.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 28.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 28.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 28.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 687

USAF ETAC FORM 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (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 | 32.6 | 39.7 | 41.1 | 41.9 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 |
| ≥ 20000 | 35.3 | 43.5 | 45.1 | 45.8 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| ≥ 18000 | 35.3 | 43.5 | 45.1 | 45.8 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| ≥ 16000 | 35.6 | 43.8 | 45.5 | 46.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 14000 | 36.0 | 44.2 | 45.8 | 46.5 | 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 | 37.2 | 45.7 | 47.4 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| ≥ 10000 | 39.3 | 47.9 | 49.6 | 50.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| ≥ 9000 | 39.3 | 47.9 | 49.6 | 50.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| ≥ 8000 | 39.5 | 48.3 | 50.1 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 7000 | 39.7 | 48.5 | 50.3 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| ≥ 6000 | 39.9 | 48.7 | 50.4 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| ≥ 5000 | 40.1 | 48.9 | 50.6 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 4500 | 40.3 | 49.2 | 51.1 | 51.9 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| ≥ 4000 | 41.1 | 50.2 | 52.1 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| ≥ 3500 | 42.1 | 51.1 | 53.0 | 53.8 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| ≥ 3000 | 42.6 | 51.7 | 53.6 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 2500 | 44.2 | 54.4 | 56.5 | 57.3 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 2000 | 47.5 | 60.1 | 62.3 | 63.1 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 1800 | 49.4 | 62.6 | 64.7 | 65.7 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 1500 | 57.3 | 73.0 | 75.1 | 76.3 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 1200 | 62.3 | 80.0 | 82.1 | 83.4 | 83.7 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 1000 | 64.9 | 84.6 | 86.9 | 88.2 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 900 | 65.9 | 87.5 | 89.7 | 91.0 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 800 | 66.4 | 89.1 | 91.6 | 93.0 | 94.0 | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 700 | 66.9 | 90.6 | 93.1 | 94.5 | 95.5 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 600 | 67.1 | 91.4 | 94.1 | 95.5 | 96.7 | 96.8 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 500 | 67.1 | 91.7 | 94.5 | 95.9 | 97.2 | 97.3 | 97.8 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 400 | 67.1 | 91.8 | 94.6 | 96.1 | 98.2 | 98.5 | 98.9 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 67.1 | 91.8 | 95.0 | 96.4 | 98.5 | 98.6 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 67.1 | 91.8 | 95.0 | 96.4 | 98.5 | 98.6 | 99.2 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 67.1 | 91.8 | 95.0 | 96.4 | 98.5 | 98.6 | 99.2 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 67.1 | 91.8 | 95.0 | 96.4 | 98.5 | 98.6 | 99.2 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 853

USAF ETAC FORM JUL 80 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (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 | 43.4 | 47.7 | 47.9 | 47.9 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| ≥ 20000 | 47.6 | 52.3 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 18000 | 48.0 | 52.7 | 53.0 | 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 |
| ≥ 16000 | 48.4 | 53.2 | 53.6 | 53.6 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| ≥ 14000 | 49.2 | 54.2 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| ≥ 12000 | 50.6 | 55.7 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 10000 | 52.6 | 57.9 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 9000 | 52.6 | 57.9 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 8000 | 53.3 | 58.8 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 7000 | 53.5 | 59.0 | 59.3 | 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 |
| ≥ 6000 | 53.6 | 59.3 | 59.5 | 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 |
| ≥ 5000 | 53.8 | 59.6 | 59.8 | 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 |
| ≥ 4500 | 53.9 | 59.7 | 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 |
| ≥ 4000 | 55.1 | 60.9 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 3500 | 56.8 | 62.6 | 62.9 | 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 |
| ≥ 3000 | 58.2 | 64.4 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 2500 | 62.3 | 69.1 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 2000 | 70.3 | 77.7 | 78.1 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 1800 | 72.5 | 80.5 | 80.9 | 80.9 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 1500 | 79.2 | 89.1 | 89.6 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 1200 | 81.0 | 92.6 | 93.0 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1000 | 82.0 | 94.7 | 95.4 | 95.4 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 900 | 82.4 | 95.4 | 96.4 | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 800 | 82.5 | 95.8 | 97.0 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 700 | 82.6 | 96.5 | 97.6 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 82.9 | 96.6 | 97.8 | 98.1 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 82.9 | 96.6 | 97.8 | 98.1 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 82.9 | 96.6 | 97.8 | 98.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 82.9 | 96.6 | 97.8 | 98.2 | 99.4 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 82.9 | 96.6 | 97.8 | 98.2 | 99.4 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 82.9 | 96.6 | 97.8 | 98.2 | 99.4 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 82.9 | 96.6 | 97.8 | 98.2 | 99.4 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 891

USAF ETAC FORM JUL 80 0-14-6 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (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 | 67.4 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 20000 | 72.3 | 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 | 77.4 | 77.4 |
| ≥ 18000 | 72.7 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 16000 | 73.4 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 14000 | 74.1 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 12000 | 75.1 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 10000 | 76.9 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 9000 | 76.9 | 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 |
| ≥ 8000 | 77.2 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 7000 | 77.3 | 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 | 83.2 | 83.2 |
| ≥ 6000 | 77.6 | 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 | 83.6 | 83.6 |
| ≥ 5000 | 77.6 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 4500 | 78.0 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 4000 | 78.7 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 3500 | 80.1 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 3000 | 82.7 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 2500 | 85.3 | 93.0 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 2000 | 88.2 | 96.6 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1800 | 88.3 | 96.7 | 97.0 | 97.1 | 97.2 | 97.1 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1500 | 89.0 | 97.8 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1200 | 89.4 | 98.4 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 89.6 | 98.5 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 89.6 | 98.5 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 89.6 | 98.5 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 89.6 | 98.5 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 89.6 | 98.5 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 89.6 | 98.5 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 89.6 | 98.5 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 89.6 | 98.5 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 89.6 | 98.5 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 89.6 | 98.5 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 89.6 | 98.5 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-106 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

( 3AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (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 | 73.8 | 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 |
| ≥ 20000 | 82.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 18000 | 83.1 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 16000 | 83.6 | 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 | 87.0 | 87.0 |
| ≥ 14000 | 84.2 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 12000 | 86.6 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 10000 | 88.1 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 9000 | 88.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 8000 | 89.3 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 7000 | 89.4 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 6000 | 89.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 5000 | 90.1 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 4500 | 90.2 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 4000 | 90.5 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 3500 | 91.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 3000 | 93.2 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 2500 | 93.9 | 98.5 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2000 | 94.1 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1800 | 94.1 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1500 | 94.6 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1200 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1000 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 900 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 800 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 700 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 600 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 500 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 400 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 300 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (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 | 65.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 20000 | 82.3 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 18000 | 82.6 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 16000 | 82.9 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 14000 | 83.5 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 12000 | 85.4 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 10000 | 86.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 9000 | 87.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 8000 | 87.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 7000 | 87.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 6000 | 88.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 5000 | 88.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 4500 | 88.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 4000 | 89.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 3500 | 89.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 3000 | 90.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 2500 | 90.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 2000 | 90.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1800 | 90.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1500 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (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 | 29.0 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 20000 | 35.3 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 18000 | 35.4 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 16000 | 35.4 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 14000 | 35.7 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 12000 | 36.4 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 10000 | 37.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 9000 | 37.4 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 8000 | 37.4 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 7000 | 37.4 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 6000 | 37.5 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 5000 | 38.1 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 4500 | 38.1 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 4000 | 38.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 3500 | 38.8 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 3000 | 39.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 2500 | 39.1 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 2000 | 39.1 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1800 | 39.1 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1500 | 39.1 | 98.7 | 98.7 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1200 | 39.4 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 39.4 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 39.4 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 39.4 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 39.4 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 39.4 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 39.4 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 39.4 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 39.4 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 39.4 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 39.4 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 39.4 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 762

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 45.8 | 64.8 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 20000 | 51.7 | 72.8 | 73.0 | 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 |
| ≥ 18000 | 52.0 | 73.1 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 16000 | 52.3 | 73.5 | 73.7 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 14000 | 52.8 | 74.2 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 12000 | 54.0 | 75.9 | 76.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 10000 | 55.3 | 77.6 | 77.9 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 9000 | 55.5 | 78.1 | 78.3 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 8000 | 55.8 | 78.4 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 7000 | 55.9 | 78.5 | 78.8 | 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 |
| ≥ 6000 | 56.0 | 78.7 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 5000 | 56.3 | 79.3 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 4500 | 56.5 | 79.6 | 79.9 | 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 |
| ≥ 4000 | 57.0 | 80.4 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 3500 | 57.8 | 81.4 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 3000 | 58.8 | 82.9 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 2500 | 60.1 | 84.9 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 2000 | 62.3 | 88.2 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 1800 | 63.0 | 89.0 | 89.4 | 89.6 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 1500 | 65.4 | 92.8 | 93.3 | 93.4 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 1200 | 66.5 | 94.8 | 95.3 | 95.5 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1000 | 67.1 | 96.3 | 96.9 | 97.1 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 |
| ≥ 900 | 67.4 | 96.9 | 97.5 | 97.7 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 67.4 | 97.2 | 97.9 | 98.1 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 67.5 | 97.6 | 98.2 | 98.5 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 67.5 | 97.8 | 98.4 | 98.7 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 500 | 67.5 | 97.9 | 98.5 | 98.8 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 400 | 67.5 | 97.9 | 98.6 | 98.9 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 300 | 67.5 | 97.9 | 98.6 | 99.0 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 67.5 | 97.9 | 98.6 | 99.0 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 67.5 | 97.9 | 98.6 | 99.0 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 67.5 | 97.9 | 98.6 | 99.0 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6439

USAF ETAC FORM JUL 80 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUL (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 | 25.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 20000 | 27.5 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 18000 | 27.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 16000 | 27.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 14000 | 27.5 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 12000 | 28.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 10000 | 28.1 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 9000 | 28.1 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 8000 | 28.1 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 7000 | 28.1 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 6000 | 28.1 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 5000 | 28.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 4500 | 28.6 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 4000 | 28.7 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 3500 | 28.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 3000 | 28.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 2500 | 28.7 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 2000 | 28.7 | 95.6 | 95.6 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1800 | 28.7 | 95.6 | 95.6 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1500 | 28.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1200 | 28.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1000 | 28.9 | 98.5 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 900 | 28.9 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 28.9 | 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 | 99.4 | 99.4 |
| ≥ 700 | 28.9 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 28.9 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 28.9 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 28.9 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 28.9 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 28.9 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 28.9 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 28.9 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 665

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,75-81 (YEARS) JUL (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 | 27.8 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 20000 | 30.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 18000 | 30.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 16000 | 30.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 14000 | 30.4 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 12000 | 30.4 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 10000 | 30.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 9000 | 30.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 8000 | 30.5 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 7000 | 30.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 6000 | 30.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 5000 | 30.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 4500 | 30.5 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 4000 | 30.5 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 3500 | 30.7 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 3000 | 31.1 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 2500 | 31.6 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 2000 | 32.2 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 1800 | 32.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 1500 | 33.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1200 | 33.1 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1000 | 33.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | 33.2 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 800 | 33.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 33.2 | 98.7 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 33.2 | 98.7 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 33.2 | 98.9 | 99.3 | 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 |
| ≥ 400 | 33.2 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 33.2 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 33.2 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 33.2 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 33.2 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 709

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 45.4 | 55.8 | 56.4 | 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 |
| ≥ 20000 | 46.9 | 58.0 | 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 | 58.8 |
| ≥ 18000 | 47.2 | 58.3 | 58.9 | 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 | 47.2 | 58.3 | 58.9 | 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 |
| ≥ 14000 | 47.8 | 59.1 | 59.7 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 12000 | 50.2 | 61.7 | 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 | 62.5 |
| ≥ 10000 | 51.1 | 63.1 | 63.7 | 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 |
| ≥ 9000 | 51.3 | 63.3 | 63.9 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 8000 | 51.6 | 63.8 | 64.4 | 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 |
| ≥ 7000 | 51.6 | 63.9 | 64.5 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 6000 | 51.9 | 64.1 | 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 | 65.0 |
| ≥ 5000 | 52.0 | 64.2 | 64.8 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 4500 | 52.2 | 64.6 | 65.2 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 4000 | 52.3 | 64.9 | 65.5 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 3500 | 52.8 | 65.8 | 66.2 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 3000 | 52.9 | 66.3 | 66.9 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 2500 | 54.1 | 68.3 | 68.9 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 2000 | 57.3 | 73.2 | 73.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 1800 | 59.3 | 75.5 | 76.0 | 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 |
| ≥ 1500 | 64.7 | 82.5 | 83.1 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 1200 | 68.4 | 87.5 | 88.2 | 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 |
| ≥ 1000 | 71.6 | 92.8 | 93.5 | 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 |
| ≥ 900 | 72.9 | 94.9 | 95.6 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 800 | 73.6 | 96.6 | 97.3 | 97.8 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | 73.6 | 97.3 | 98.0 | 98.5 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 73.8 | 97.7 | 98.4 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 73.8 | 98.1 | 98.9 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 73.8 | 98.2 | 99.0 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 73.8 | 98.3 | 99.1 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 73.8 | 98.3 | 99.1 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 73.8 | 98.3 | 99.1 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 73.8 | 98.3 | 99.1 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 881

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 52.3 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| ≥ 20000 | 55.9 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 18000 | 56.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 16000 | 56.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 14000 | 57.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 12000 | 59.3 | 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 |
| ≥ 10000 | 61.6 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 9000 | 61.6 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 8000 | 61.7 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 7000 | 61.7 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 6000 | 61.8 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 5000 | 61.8 | 67.7 | 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 |
| ≥ 4500 | 61.9 | 67.9 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 4000 | 62.8 | 68.8 | 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 |
| ≥ 3500 | 63.9 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 3000 | 65.1 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 2500 | 67.1 | 74.7 | 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 |
| ≥ 2000 | 72.4 | 80.5 | 80.5 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 1800 | 74.3 | 82.6 | 82.6 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 1500 | 80.5 | 90.5 | 90.6 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 1200 | 82.4 | 92.9 | 93.1 | 93.5 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 1000 | 84.5 | 96.3 | 96.6 | 96.9 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 900 | 84.5 | 96.5 | 96.8 | 97.1 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 800 | 84.8 | 97.1 | 97.4 | 98.1 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 84.9 | 97.1 | 98.0 | 98.6 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 84.9 | 97.1 | 98.0 | 98.6 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 84.9 | 97.1 | 98.0 | 98.6 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 84.9 | 97.1 | 98.0 | 98.6 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 84.9 | 97.1 | 98.0 | 98.6 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 84.9 | 97.1 | 98.0 | 98.6 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 84.9 | 97.6 | 98.1 | 99.0 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 84.9 | 97.6 | 98.1 | 99.0 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 916

USAF ETAC FORM 0-14-6 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUL (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 | 69.4 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 20000 | 75.8 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 18000 | 75.9 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 16000 | 76.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 14000 | 77.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 12000 | 79.7 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 10000 | 81.1 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 9000 | 81.2 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 8000 | 82.0 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 7000 | 82.5 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 6000 | 82.6 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 5000 | 82.7 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 4500 | 83.1 | 89.2 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 4000 | 83.4 | 90.7 | 90.8 | 90.9 | 90.9 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 3500 | 85.2 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 3000 | 86.5 | 93.6 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 2500 | 87.7 | 94.9 | 95.0 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 2000 | 88.5 | 96.2 | 96.3 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1800 | 88.7 | 96.4 | 96.6 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1500 | 89.2 | 97.0 | 97.4 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1200 | 89.3 | 97.2 | 97.6 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1000 | 89.5 | 97.3 | 98.2 | 98.4 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 900 | 89.6 | 98.1 | 98.5 | 98.7 | 99.0 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 89.6 | 98.2 | 98.6 | 98.8 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 89.6 | 98.2 | 98.6 | 98.8 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 89.7 | 98.3 | 98.7 | 98.9 | 99.2 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 89.7 | 98.3 | 98.7 | 98.9 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 400 | 89.7 | 98.3 | 98.7 | 98.9 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 300 | 89.7 | 98.3 | 98.7 | 98.9 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 89.7 | 98.3 | 98.7 | 98.9 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 89.7 | 98.3 | 98.7 | 98.9 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| 0 | 89.7 | 98.3 | 98.7 | 98.9 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 925

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUL (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 | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 70.2 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 20000 | 80.5 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 18000 | 80.9 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 16000 | 81.0 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 14000 | 82.9 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 12000 | 85.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 10000 | 87.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 9000 | 87.8 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 8000 | 87.9 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 7000 | 88.0 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 6000 | 88.9 | 93.5 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 5000 | 88.9 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 4500 | 88.9 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 4000 | 89.7 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 3500 | 90.6 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 3000 | 91.3 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 2500 | 91.8 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2000 | 92.0 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1800 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1500 | 92.0 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1200 | 92.0 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 92.0 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 92.0 | 98.9 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 92.0 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 92.0 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 92.0 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 92.0 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 92.0 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 92.0 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 92.0 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 92.0 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 92.0 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUL (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 | 68.1 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 20000 | 77.1 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 18000 | 77.9 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 16000 | 78.0 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 14000 | 79.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 12000 | 81.5 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 10000 | 83.5 | 93.2 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 9000 | 83.6 | 93.5 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 8000 | 83.9 | 94.1 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 7000 | 83.9 | 94.1 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 6000 | 84.2 | 94.3 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 5000 | 84.2 | 94.4 | 94.6 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 4500 | 84.3 | 94.6 | 95.0 | 95.1 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 4000 | 85.0 | 95.9 | 96.3 | 96.4 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 3500 | 85.3 | 96.7 | 97.1 | 97.2 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 3000 | 85.7 | 97.8 | 98.1 | 98.3 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 2500 | 85.8 | 98.0 | 98.4 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 2000 | 85.8 | 98.3 | 98.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1800 | 85.8 | 98.3 | 98.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1500 | 85.9 | 98.4 | 99.0 | 99.1 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1200 | 85.9 | 98.6 | 99.0 | 99.1 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1000 | 86.0 | 98.7 | 99.1 | 99.2 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 86.0 | 98.7 | 99.1 | 99.2 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 859

USAF ETAC FORM NO. 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 37.8 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 20000 | 40.1 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 18000 | 40.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 16000 | 40.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 14000 | 40.2 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 12000 | 41.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 10000 | 41.2 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 9000 | 41.2 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 8000 | 41.2 | 93.0 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 7000 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 6000 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 5000 | 41.5 | 93.8 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 4500 | 41.6 | 94.2 | 94.4 | 94.4 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 4000 | 41.9 | 95.3 | 95.5 | 95.5 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 3500 | 41.9 | 96.0 | 96.3 | 96.3 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 3000 | 41.9 | 96.8 | 97.0 | 97.0 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 2500 | 41.9 | 96.9 | 97.1 | 97.1 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 2000 | 42.0 | 97.5 | 97.8 | 97.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 42.0 | 97.6 | 97.9 | 97.9 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1500 | 42.1 | 98.1 | 98.4 | 98.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 42.1 | 98.4 | 98.6 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 42.1 | 98.9 | 99.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 900 | 42.1 | 99.0 | 99.3 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 42.1 | 99.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 42.1 | 99.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 42.1 | 99.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 42.1 | 99.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 42.1 | 99.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 42.1 | 99.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 42.1 | 99.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 42.1 | 99.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 42.1 | 99.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 805

USAF ETAC FORM JUL 68 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUL (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 | 51.2 | 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 | 70.9 |
| ≥ 20000 | 56.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 18000 | 56.4 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 16000 | 56.5 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 14000 | 57.4 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 12000 | 59.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 10000 | 60.2 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 9000 | 60.3 | 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 | 83.1 |
| ≥ 8000 | 60.5 | 83.6 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 7000 | 60.6 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 6000 | 60.8 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 5000 | 60.9 | 84.2 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 4500 | 61.1 | 84.6 | 84.8 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 4000 | 61.6 | 85.6 | 85.8 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 3500 | 62.1 | 86.6 | 86.8 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 3000 | 62.7 | 87.7 | 87.9 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 2500 | 63.5 | 89.1 | 89.3 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 2000 | 64.8 | 91.2 | 91.4 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 1800 | 65.4 | 91.9 | 92.1 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 1500 | 67.1 | 94.4 | 94.7 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1200 | 67.9 | 95.8 | 96.1 | 96.3 | 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 | 68.6 | 97.3 | 97.7 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 68.8 | 97.8 | 98.1 | 98.3 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 68.9 | 98.2 | 98.6 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 69.0 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 69.0 | 98.6 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 69.0 | 98.6 | 99.0 | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 69.0 | 98.7 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 300 | 69.0 | 98.7 | 99.1 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 69.0 | 98.7 | 99.1 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 69.0 | 98.7 | 99.1 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 69.0 | 98.7 | 99.1 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6666

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 26.3 | 86.1 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 20000 | 27.7 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 18000 | 28.1 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 16000 | 28.1 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 14000 | 28.4 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 12000 | 28.6 | 92.7 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 10000 | 28.6 | 94.2 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 9000 | 28.6 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 8000 | 28.7 | 94.6 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 7000 | 29.1 | 94.9 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 6000 | 29.4 | 95.5 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 5000 | 30.2 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 4500 | 30.2 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 4000 | 30.2 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 3500 | 30.3 | 97.2 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 3000 | 30.5 | 97.9 | 98.5 | 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 |
| ≥ 2500 | 30.5 | 98.1 | 98.5 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 2000 | 30.6 | 98.2 | 98.7 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | 30.6 | 98.2 | 98.7 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | 30.6 | 98.5 | 99.0 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1200 | 30.9 | 98.7 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 30.9 | 98.7 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 30.9 | 98.7 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 30.9 | 98.7 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 30.9 | 98.7 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 30.9 | 98.7 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 30.9 | 98.7 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 30.9 | 98.7 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 30.9 | 98.7 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 30.9 | 98.7 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 30.9 | 98.7 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 30.9 | 98.7 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 662

USAF ETAC FORM NO. 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) AUG (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 | 27.1 | 79.0 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 20000 | 28.1 | 83.2 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 18000 | 28.1 | 83.2 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 16000 | 28.1 | 83.2 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 14000 | 28.3 | 83.5 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 12000 | 28.7 | 84.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 10000 | 28.7 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 9000 | 28.7 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 8000 | 29.0 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 7000 | 29.4 | 86.1 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 6000 | 29.7 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 5000 | 30.8 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 4500 | 30.8 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | 30.8 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 3500 | 31.3 | 89.2 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 3000 | 31.4 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 2500 | 31.7 | 91.3 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 2000 | 32.1 | 94.6 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1800 | 32.7 | 94.9 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1500 | 34.1 | 97.0 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1200 | 34.4 | 97.6 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1000 | 34.9 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 34.9 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 34.9 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 34.9 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 34.9 | 99.1 | 100.0 | 100.0 | 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 | 34.9 | 99.1 | 100.0 | 100.0 | 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 | 34.9 | 99.1 | 100.0 | 100.0 | 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 | 34.9 | 99.1 | 100.0 | 100.0 | 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 | 34.9 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 34.9 | 99.1 | 100.0 | 100.0 | 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 | 34.9 | 99.1 | 100.0 | 100.0 | 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 704

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) AUG (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 | 46.9 | 61.3 | 62.6 | 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 | 49.5 | 64.1 | 65.4 | 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 |
| ≥ 18000 | 49.6 | 64.3 | 65.5 | 66.0 | 66.0 | 66.0 | 66. | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 16000 | 49.6 | 64.3 | 65.5 | 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 |
| ≥ 14000 | 50.7 | 66.1 | 67.3 | 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 |
| ≥ 12000 | 53.0 | 68.9 | 70.1 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 10000 | 54.9 | 71.5 | 72.7 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 9000 | 54.9 | 71.5 | 72.7 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 8000 | 55.1 | 71.7 | 72.9 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 7000 | 55.2 | 71.8 | 73.1 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 6000 | 55.5 | 72.0 | 73.3 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 5000 | 56.5 | 73.2 | 74.4 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 4500 | 56.6 | 73.3 | 74.5 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 4000 | 56.6 | 73.8 | 75.1 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 3500 | 56.7 | 74.2 | 75.5 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 3000 | 57.0 | 75.0 | 76.4 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 2500 | 57.6 | 75.8 | 77.3 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 2000 | 60.0 | 79.1 | 80.7 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 1800 | 61.3 | 80.6 | 82.2 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 1500 | 66.1 | 86.4 | 88.0 | 88.6 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 1200 | 70.1 | 91.4 | 93.1 | 93.7 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1000 | 71.9 | 93.9 | 95.7 | 96.3 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 900 | 73.3 | 95.4 | 97.2 | 97.7 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 73.4 | 95.7 | 97.6 | 98.2 | 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 73.6 | 96.3 | 98.2 | 98.8 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 73.6 | 96.3 | 98.2 | 98.8 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 73.7 | 96.4 | 98.3 | 98.9 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 73.8 | 96.6 | 98.5 | 99.1 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 73.8 | 96.6 | 98.5 | 99.1 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 73.8 | 96.6 | 98.5 | 99.1 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 73.8 | 96.6 | 98.5 | 99.1 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 73.8 | 96.6 | 98.5 | 99.1 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 887

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) AUG (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 | 55.0 | 60.2 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 20000 | 57.7 | 63.0 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 18000 | 58.4 | 63.7 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 16000 | 58.7 | 64.0 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 14000 | 60.6 | 65.9 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 12000 | 63.3 | 68.9 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 10000 | 65.7 | 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 | 71.6 |
| ≥ 9000 | 65.7 | 71.4 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 8000 | 65.8 | 71.6 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 7000 | 65.8 | 71.6 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 6000 | 66.3 | 72.2 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 5000 | 66.3 | 72.4 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 4500 | 66.3 | 72.4 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 4000 | 66.5 | 72.6 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 3500 | 66.7 | 72.9 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 3000 | 66.3 | 75.0 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 2500 | 70.8 | 78.0 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 2000 | 76.1 | 84.0 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 1800 | 77.8 | 85.7 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 1500 | 84.1 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1200 | 87.4 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1000 | 87.9 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 900 | 88.1 | 98.5 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 88.2 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 88.4 | 98.8 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 88.4 | 98.8 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 88.4 | 98.8 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 88.4 | 98.8 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 88.4 | 98.8 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 88.4 | 98.8 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 88.4 | 98.8 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 88.4 | 98.8 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 924

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) AUG (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 | 71.4 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 20000 | 79.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 18000 | 80.0 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 16000 | 80.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 14000 | 80.6 | 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 | 83.9 |
| ≥ 12000 | 83.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 10000 | 84.7 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 9000 | 84.7 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 8000 | 85.5 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 7000 | 85.5 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 6000 | 85.8 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 5000 | 86.2 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 4500 | 86.5 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 4000 | 87.0 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 3500 | 88.2 | 92.7 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 3000 | 90.1 | 95.1 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 2500 | 91.7 | 96.8 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 2000 | 92.9 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 93.1 | 98.4 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | 93.4 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1200 | 93.5 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 93.7 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 93.7 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 93.7 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 93.7 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 93.7 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 93.7 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 93.7 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 93.8 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 93.8 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 93.8 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 93.8 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 80 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) AUG (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 | 73.3 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 20000 | 86.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 18000 | 87.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 16000 | 87.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 14000 | 87.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 12000 | 89.1 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 10000 | 90.4 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 9000 | 90.6 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 8000 | 91.6 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 7000 | 91.9 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 6000 | 91.9 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 5000 | 92.7 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 4500 | 92.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 4000 | 93.5 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 3500 | 94.4 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 3000 | 95.3 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2500 | 95.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2000 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 917

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) AUG (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 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 65.5 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 20000 | 76.1 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 18000 | 77.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 16000 | 77.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 14000 | 78.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 12000 | 79.7 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 10000 | 81.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 9000 | 81.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 8000 | 83.1 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 7000 | 83.9 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 6000 | 83.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 5000 | 84.1 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 4500 | 84.4 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99. | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 4000 | 84.5 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 3500 | 84.7 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 3000 | 85.1 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 2500 | 85.1 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 2000 | 85.1 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1800 | 85.1 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1500 | 85.1 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 85.1 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 85.1 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 85.1 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 85.1 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 85.1 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 85.1 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 85.1 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 85.1 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 85.1 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 85.1 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 85.1 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 85.1 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 859

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 36.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 20000 | 38.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 18000 | 38.8 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 16000 | 38.8 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 14000 | 39.0 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 12000 | 39.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 10000 | 39.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 9000 | 40.1 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 8000 | 40.9 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 7000 | 41.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 6000 | 41.9 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 5000 | 42.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 4500 | 42.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 4000 | 42.8 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 3500 | 43.2 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 3000 | 43.3 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2500 | 43.3 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2000 | 43.3 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1800 | 43.3 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1500 | 43.3 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 43.3 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 43.3 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 43.3 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 43.3 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 43.3 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 43.3 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 43.3 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 43.3 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 43.3 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 43.3 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 43.3 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 43.3 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 794

USAF ETAC FORM AUG 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 52.0 | 73.6 | 73.8 | 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 |
| ≥ 20000 | 57.7 | 80.9 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 18000 | 58.0 | 81.3 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 16000 | 58.1 | 81.3 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 14000 | 58.9 | 82.3 | 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 |
| ≥ 12000 | 60.5 | 84.5 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 10000 | 61.7 | 86.2 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 9000 | 61.7 | 86.4 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 8000 | 62.3 | 87.1 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 7000 | 62.6 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 6000 | 62.9 | 87.7 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 5000 | 63.5 | 88.4 | 88.5 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 4500 | 63.6 | 88.7 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 4000 | 63.8 | 89.1 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 3500 | 64.3 | 89.9 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 3000 | 65.1 | 91.1 | 91.5 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 2500 | 65.8 | 92.0 | 92.4 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 2000 | 67.1 | 93.8 | 94.3 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1800 | 67.6 | 94.3 | 94.9 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1500 | 69.3 | 96.5 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1200 | 70.4 | 97.8 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | 70.7 | 98.6 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 70.9 | 98.6 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 71.0 | 98.7 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 71.0 | 98.8 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 71.0 | 98.8 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 71.1 | 98.9 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 71.1 | 98.9 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 71.1 | 98.9 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 71.1 | 98.9 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 71.1 | 98.9 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 71.1 | 98.9 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6689

USAF ETAC FORM NO. 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 13.3 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 20000 | 14.8 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 18000 | 14.6 | 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 |
| ≥ 16000 | 14.6 | 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 |
| ≥ 14000 | 15.2 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 12000 | 15.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 10000 | 15.4 | 85.6 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 9000 | 15.7 | 86.3 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 8000 | 15.9 | 87.0 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 7000 | 15.9 | 87.6 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 6000 | 15.9 | 87.6 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 5000 | 15.9 | 87.8 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 4500 | 15.9 | 88.3 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 4000 | 16.1 | 89.8 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 3500 | 16.3 | 90.5 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 3000 | 16.5 | 92.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 2500 | 16.5 | 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 | 94.1 | 94.1 |
| ≥ 2000 | 17.4 | 95.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1800 | 17.4 | 95.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1500 | 17.4 | 96.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1200 | 17.4 | 96.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1000 | 17.4 | 97.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 900 | 17.4 | 97.4 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 800 | 17.4 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 17.4 | 98.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 17.4 | 98.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 17.4 | 98.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 17.4 | 98.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 17.4 | 98.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 17.4 | 98.4 | 99.6 | 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 | 17.4 | 98.4 | 99.6 | 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 | 17.4 | 98.4 | 99.6 | 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 547

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,75-80 (YEARS) SEP (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 | 21.7 | 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 | 70.7 |
| ≥ 20000 | 22.3 | 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 | 73.6 | 73.6 |
| ≥ 18000 | 22.3 | 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 | 73.6 | 73.6 |
| ≥ 16000 | 22.3 | 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 | 73.6 | 73.6 |
| ≥ 14000 | 22.3 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 12000 | 22.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 10000 | 22.8 | 77.8 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 9000 | 22.9 | 78.0 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 8000 | 22.9 | 78.0 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 7000 | 22.9 | 78.2 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 6000 | 22.9 | 78.2 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 5000 | 23.2 | 78.6 | 79.1 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 4500 | 23.6 | 79.4 | 79.9 | 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 |
| ≥ 4000 | 23.9 | 80.8 | 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 | 81.4 |
| ≥ 3500 | 23.9 | 81.0 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 3000 | 24.2 | 82.4 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 2500 | 24.6 | 84.1 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 2000 | 25.3 | 86.3 | 87.5 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 1800 | 25.6 | 86.7 | 87.8 | 88.0 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 1500 | 26.8 | 89.5 | 90.8 | 90.8 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 1200 | 27.8 | 91.7 | 92.8 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1000 | 28.1 | 93.8 | 94.9 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 900 | 28.1 | 95.0 | 96.2 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 800 | 28.2 | 95.5 | 96.1 | 96.5 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 700 | 28.2 | 96.1 | 97.5 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 600 | 28.2 | 96.5 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 28.2 | 97.2 | 98.6 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 28.2 | 97.8 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 28.2 | 97.8 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 28.2 | 97.8 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 28.2 | 97.8 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 28.2 | 97.8 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 691

USAF ETAC FORM JUL 80 0-10-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) SEP (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 | 32.5 | 48.8 | 50.6 | 50.8 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| ≥ 20000 | 38.7 | 51.7 | 53.8 | 54.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| ≥ 18000 | 34.9 | 51.9 | 54.1 | 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 |
| ≥ 16000 | 34.9 | 51.9 | 54.1 | 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 |
| ≥ 14000 | 35.1 | 52.5 | 54.7 | 54.8 | 54.9 | 54.9 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 12000 | 37.2 | 54.8 | 57.0 | 57.1 | 57.3 | 57.3 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 10000 | 37.9 | 56.4 | 58.7 | 58.9 | 59.0 | 59.0 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 9000 | 38.9 | 56.9 | 59.1 | 59.4 | 59.5 | 59.5 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 8000 | 38.8 | 57.4 | 59.6 | 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 |
| ≥ 7000 | 39.0 | 57.7 | 60.0 | 60.2 | 60.3 | 60.3 | 60.4 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 6000 | 39.6 | 58.3 | 60.6 | 60.8 | 60.9 | 60.9 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 5000 | 39.7 | 58.7 | 61.0 | 61.3 | 61.4 | 61.4 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| ≥ 4500 | 40.3 | 59.4 | 62.0 | 62.2 | 62.3 | 62.3 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 4000 | 41.3 | 60.2 | 62.8 | 63.0 | 63.2 | 63.2 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 3500 | 41.9 | 61.4 | 64.0 | 64.2 | 64.3 | 64.3 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| ≥ 3000 | 43.0 | 62.5 | 65.2 | 65.4 | 65.5 | 65.5 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 2500 | 43.9 | 64.0 | 66.9 | 67.3 | 67.7 | 67.7 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 2000 | 45.6 | 66.7 | 69.7 | 70.0 | 70.4 | 70.4 | 70.6 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 1800 | 46.6 | 68.0 | 71.0 | 71.3 | 71.9 | 71.9 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 1500 | 50.6 | 73.7 | 77.1 | 77.4 | 78.0 | 78.0 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 1200 | 54.8 | 81.2 | 85.0 | 85.4 | 86.2 | 86.2 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 1000 | 57.5 | 85.4 | 89.5 | 90.0 | 90.8 | 90.8 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 900 | 58.4 | 86.8 | 91.1 | 91.7 | 92.7 | 92.8 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 800 | 59.3 | 88.1 | 92.6 | 93.2 | 94.2 | 94.3 | 94.6 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 700 | 60.3 | 89.3 | 93.9 | 94.5 | 95.7 | 95.9 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 600 | 60.5 | 90.7 | 95.5 | 96.1 | 97.5 | 97.6 | 98.0 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 60.9 | 90.8 | 95.7 | 96.5 | 98.2 | 98.3 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 60.9 | 91.0 | 96.0 | 96.7 | 98.5 | 98.6 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 60.9 | 91.0 | 96.1 | 96.8 | 98.7 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 60.9 | 91.0 | 96.1 | 96.8 | 98.7 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 60.9 | 91.0 | 96.1 | 96.8 | 98.7 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 60.9 | 91.0 | 96.1 | 96.8 | 98.7 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 897

USAF ETAC FORM JUL 66 0-14-6 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) SEP (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 | 45.9 | 51.6 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 20000 | 49.4 | 55.3 | 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 |
| ≥ 18000 | 49.4 | 55.4 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| ≥ 16000 | 49.7 | 55.7 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 14000 | 50.7 | 56.7 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 12000 | 52.3 | 58.7 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 10000 | 54.3 | 61.3 | 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 |
| ≥ 9000 | 54.8 | 61.8 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 8000 | 55.0 | 62.0 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 7000 | 55.1 | 62.1 | 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 |
| ≥ 6000 | 55.6 | 62.9 | 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 |
| ≥ 5000 | 56.2 | 63.3 | 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 |
| ≥ 4500 | 56.3 | 63.5 | 64.1 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 4000 | 56.7 | 63.8 | 64.5 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 3500 | 58.0 | 65.2 | 65.8 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 3000 | 59.6 | 66.5 | 67.5 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 2500 | 62.9 | 70.6 | 71.3 | 71.6 | 71.7 | 71.7 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 2000 | 68.3 | 76.2 | 77.1 | 77.7 | 78.1 | 78.1 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 1800 | 69.7 | 77.6 | 78.5 | 79.1 | 79.4 | 79.4 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 1500 | 75.1 | 84.3 | 85.5 | 86.3 | 86.8 | 86.8 | 87.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 1200 | 79.6 | 89.4 | 90.7 | 91.7 | 92.2 | 92.2 | 92.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 1000 | 81.6 | 92.5 | 94.1 | 95.1 | 95.7 | 95.7 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 900 | 82.6 | 93.7 | 95.4 | 96.5 | 97.1 | 97.1 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 800 | 83.0 | 94.1 | 95.9 | 97.1 | 97.7 | 97.7 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 83.1 | 94.3 | 96.3 | 97.4 | 98.2 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 83.1 | 94.3 | 96.3 | 97.5 | 98.2 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 83.1 | 94.5 | 96.5 | 97.6 | 98.6 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 83.1 | 94.6 | 96.6 | 97.7 | 99.0 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 83.1 | 94.6 | 96.6 | 97.7 | 99.0 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 83.1 | 94.6 | 96.6 | 97.7 | 99.0 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 83.1 | 94.6 | 96.6 | 97.7 | 99.0 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 83.1 | 94.6 | 96.6 | 97.7 | 99.0 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 884

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) SEP (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 | 62.8 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 20000 | 68.1 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 18000 | 68.6 | 72.6 | 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 | 72.7 |
| ≥ 16000 | 68.8 | 72.8 | 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 | 72.9 |
| ≥ 14000 | 70.0 | 74.0 | 74.0 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 12000 | 73.0 | 77.7 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 10000 | 75.6 | 80.6 | 80.6 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 9000 | 75.6 | 80.6 | 80.6 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 8000 | 76.0 | 81.1 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 7000 | 76.3 | 81.4 | 81.4 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 6000 | 77.2 | 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 |
| ≥ 5000 | 77.6 | 82.8 | 82.9 | 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 |
| ≥ 4500 | 78.0 | 83.2 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 4000 | 79.2 | 84.6 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 3500 | 81.3 | 86.9 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 3000 | 85.0 | 90.7 | 90.8 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 2500 | 86.4 | 92.4 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 2000 | 88.3 | 94.6 | 95.2 | 95.5 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1800 | 88.3 | 94.7 | 95.3 | 95.9 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1500 | 89.0 | 95.5 | 96.4 | 97.0 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1200 | 89.7 | 96.5 | 97.2 | 97.8 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1000 | 89.7 | 96.5 | 97.8 | 98.3 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 900 | 89.8 | 97.0 | 97.9 | 98.4 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 89.9 | 97.1 | 98.1 | 98.7 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 89.9 | 97.1 | 98.1 | 98.7 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 89.9 | 97.1 | 98.1 | 98.7 | 99.4 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 89.9 | 97.1 | 98.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 89.9 | 97.1 | 98.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 89.9 | 97.1 | 98.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 89.9 | 97.1 | 98.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 89.9 | 97.1 | 98.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 89.9 | 97.1 | 98.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 894

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) SEP (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 | ≥1¾ | ≥1¼ | ≥1 | ≥⅞ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 67.8 | 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 |
| ≥ 20000 | 76.0 | 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 |
| ≥ 18000 | 76.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 16000 | 76.5 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 14000 | 76.9 | 79.0 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 12000 | 80.5 | 83.3 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 10000 | 82.7 | 86.1 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 9000 | 82.8 | 86.2 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 8000 | 83.7 | 87.1 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 7000 | 83.8 | 87.3 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 6000 | 84.2 | 87.7 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 5000 | 84.4 | 87.9 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4500 | 84.8 | 88.3 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 4000 | 86.3 | 90.1 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 3500 | 88.2 | 92.3 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 3000 | 90.0 | 94.7 | 95.0 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 2500 | 90.6 | 95.7 | 96.0 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 2000 | 90.8 | 95.9 | 96.5 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1800 | 90.8 | 96.0 | 96.6 | 97.0 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1500 | 91.4 | 96.7 | 97.3 | 97.7 | 97.8 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1200 | 91.4 | 96.9 | 97.5 | 98.0 | 98.2 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | 91.4 | 97.0 | 97.7 | 98.2 | 98.4 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 900 | 91.4 | 97.0 | 97.7 | 98.2 | 98.4 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 800 | 91.4 | 97.0 | 97.7 | 98.3 | 99.0 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 91.4 | 97.0 | 97.7 | 98.3 | 99.0 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 91.4 | 97.0 | 97.7 | 98.3 | 99.0 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 91.4 | 97.0 | 97.7 | 98.3 | 99.0 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 91.4 | 97.0 | 97.7 | 98.3 | 99.0 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 91.4 | 97.0 | 97.7 | 98.3 | 99.0 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 91.4 | 97.0 | 97.7 | 98.3 | 99.0 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 91.4 | 97.0 | 97.7 | 98.3 | 99.0 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 91.4 | 97.0 | 97.7 | 98.3 | 99.0 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 879

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72261S (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) SEP (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 | 56.2 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 20000 | 64.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 18000 | 64.2 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 16000 | 64.3 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 14000 | 64.9 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 12000 | 67.6 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 10000 | 70.2 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 9000 | 70.4 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 8000 | 70.8 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 7000 | 70.8 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 6000 | 71.2 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 5000 | 71.5 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 4500 | 72.1 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 4000 | 72.4 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 3500 | 73.5 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 3000 | 73.7 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2500 | 73.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2000 | 73.7 | 98.0 | 98.3 | 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 |
| ≥ 1800 | 73.7 | 98.0 | 98.3 | 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 |
| ≥ 1500 | 74.0 | 98.4 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 74.3 | 98.4 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1000 | 74.1 | 98.7 | 98.9 | 98.9 | 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 | 74.1 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 74.1 | 98.7 | 99.0 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 74.1 | 98.7 | 99.0 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 74.1 | 98.7 | 99.0 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 74.1 | 98.9 | 99.3 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 74.1 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 74.1 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 74.1 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 74.1 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 74.1 | 98.9 | 99.3 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 815

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72256 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) SEP (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 | 35.1 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 20000 | 37.4 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 18000 | 37.6 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 16000 | 37.9 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 14000 | 38.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 12000 | 38.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 10000 | 39.4 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 9000 | 39.5 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 8000 | 40.0 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 7000 | 40.0 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 6000 | 40.2 | 92.8 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 5000 | 40.8 | 93.5 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 4500 | 41.4 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 4000 | 41.4 | 94.9 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3500 | 41.6 | 95.6 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 3000 | 41.9 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.6 | 96.8 | 96.8 |
| ≥ 2500 | 41.9 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2000 | 41.9 | 97.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 41.9 | 97.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1500 | 42.3 | 98.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 42.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 42.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 42.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 42.3 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 42.3 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 42.3 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 42.3 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 42.3 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 42.3 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 42.3 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 42.3 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 42.3 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 752

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) SEP (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 | 44.3 | 65.3 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 20000 | 48.5 | 71.0 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 18000 | 48.7 | 71.2 | 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 | 71.6 |
| ≥ 16000 | 48.8 | 71.4 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 14000 | 49.4 | 72.3 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 12000 | 51.3 | 75.4 | 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 | 75.9 |
| ≥ 10000 | 52.8 | 78.2 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 9000 | 53.0 | 78.6 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 8000 | 53.4 | 79.2 | 79.8 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 7000 | 53.5 | 79.4 | 80.0 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 6000 | 53.9 | 79.9 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 5000 | 54.2 | 80.3 | 80.9 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 4500 | 54.6 | 80.9 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 4000 | 55.2 | 81.8 | 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 |
| ≥ 3500 | 56.3 | 83.1 | 83.9 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 3000 | 57.6 | 84.9 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 2500 | 58.5 | 86.4 | 87.3 | 87.5 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 2000 | 59.9 | 88.4 | 89.5 | 89.7 | 89.9 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1800 | 60.3 | 88.9 | 89.9 | 90.2 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 1500 | 62.0 | 91.4 | 92.5 | 92.8 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1200 | 63.4 | 93.5 | 94.7 | 95.1 | 95.4 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1000 | 64.1 | 94.9 | 96.2 | 96.6 | 96.9 | 97.0 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 900 | 64.4 | 95.4 | 96.8 | 97.2 | 97.6 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 800 | 64.6 | 95.8 | 97.2 | 97.7 | 98.2 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 64.7 | 96.0 | 97.6 | 98.0 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 600 | 64.7 | 96.3 | 97.9 | 98.3 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 64.7 | 96.5 | 98.1 | 98.5 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 64.8 | 96.6 | 98.2 | 98.6 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 64.8 | 96.6 | 98.2 | 98.6 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 64.8 | 96.6 | 98.2 | 98.7 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 64.8 | 96.6 | 98.2 | 98.7 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 64.8 | 96.6 | 98.2 | 98.7 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6259

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 | 21.1 | 79.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 20000 | 21.1 | 80.2 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 18000 | 21.7 | 80.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 16000 | 21.7 | 80.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 14000 | 21.7 | 81.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 12000 | 22.0 | 81.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 10000 | 22.5 | 83.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 9000 | 22.5 | 83.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 8000 | 22.9 | 84.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 7000 | 22.9 | 84.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 6000 | 22.9 | 84.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 5000 | 22.9 | 85.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 4500 | 22.9 | 86.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 4000 | 23.1 | 87.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 3500 | 23.1 | 88.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 3000 | 23.1 | 90.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 2500 | 23.1 | 90.6 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 2000 | 23.7 | 93.4 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1800 | 23.7 | 93.6 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1500 | 23.7 | 95.0 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1200 | 23.9 | 95.5 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1000 | 23.9 | 96.0 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 900 | 23.9 | 96.4 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 800 | 23.9 | 96.5 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | 23.9 | 96.5 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 600 | 23.9 | 96.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 23.9 | 96.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 400 | 23.9 | 96.9 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 |
| ≥ 300 | 23.9 | 96.9 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 200 | 24.1 | 97.1 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 100 | 24.1 | 97.1 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 0 | 24.1 | 97.1 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 577

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73,75-80 (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 | 19.5 | 66.7 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.6 | 67.6 | 67.6 |
| ≥ 20000 | 20.0 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.8 | 68.8 | 68.8 |
| ≥ 18000 | 20.5 | 68.3 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 |
| ≥ 16000 | 20.5 | 68.3 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 |
| ≥ 14000 | 20.5 | 68.9 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 |
| ≥ 12000 | 22.0 | 70.9 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 |
| ≥ 10000 | 22.6 | 72.3 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.2 | 73.2 | 73.2 |
| ≥ 9000 | 22.6 | 72.4 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 |
| ≥ 8000 | 22.6 | 72.4 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 |
| ≥ 7000 | 22.7 | 72.6 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.5 | 73.5 | 73.5 |
| ≥ 6000 | 22.7 | 73.2 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.1 | 74.1 | 74.1 |
| ≥ 5000 | 23.6 | 74.5 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.5 | 75.5 | 75.5 |
| ≥ 4500 | 24.1 | 75.2 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 |
| ≥ 4000 | 24.2 | 75.8 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.7 | 76.7 | 76.7 |
| ≥ 3500 | 24.5 | 77.0 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.9 | 77.9 | 77.9 |
| ≥ 3000 | 25.5 | 78.9 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 |
| ≥ 2500 | 26.2 | 80.6 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.7 | 81.7 | 81.7 |
| ≥ 2000 | 27.1 | 84.1 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.2 | 85.2 | 85.2 |
| ≥ 1800 | 27.4 | 84.7 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.8 | 85.8 | 85.8 |
| ≥ 1500 | 27.9 | 87.1 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 |
| ≥ 1200 | 28.6 | 90.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 |
| ≥ 1000 | 28.8 | 92.1 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.8 | 93.8 | 93.8 |
| ≥ 900 | 29.1 | 93.2 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 |
| ≥ 800 | 29.2 | 93.9 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 |
| ≥ 700 | 29.2 | 94.4 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 96.1 | 96.1 | 96.1 |
| ≥ 600 | 29.4 | 94.8 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 |
| ≥ 500 | 29.4 | 94.8 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 |
| ≥ 400 | 29.4 | 95.2 | 97.1 | 97.3 | 97.6 | 97.6 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 |
| ≥ 300 | 29.4 | 95.3 | 97.3 | 97.7 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 |
| ≥ 200 | 29.5 | 95.5 | 97.4 | 97.9 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 |
| ≥ 100 | 29.5 | 95.5 | 97.4 | 97.9 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 | 99.1 | 99.7 | 99.8 | 100.0 |
| ≥ 0 | 29.5 | 95.5 | 97.4 | 97.9 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 | 99.1 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 660

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 31.4 | 49.4 | 51.1 | 51.4 | 51.8 | 51.8 | 52.1 | 52.1 | 52.1 | 52.3 | 52.3 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 |
| ≥ 20000 | 32.2 | 50.5 | 52.2 | 52.4 | 52.9 | 52.9 | 53.2 | 53.2 | 53.2 | 53.4 | 53.4 | 53.6 | 53.6 | 53.6 | 53.7 | 53.7 |
| ≥ 18000 | 32.7 | 50.9 | 52.6 | 52.9 | 53.3 | 53.3 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.1 | 54.1 |
| ≥ 16000 | 32.7 | 50.9 | 52.6 | 52.9 | 53.3 | 53.3 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.1 | 54.1 |
| ≥ 14000 | 33.6 | 52.2 | 53.9 | 54.1 | 54.6 | 54.6 | 54.9 | 54.9 | 54.9 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.4 | 55.4 |
| ≥ 12000 | 34.4 | 53.1 | 54.8 | 55.0 | 55.5 | 55.5 | 55.8 | 55.8 | 55.8 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 |
| ≥ 10000 | 35.4 | 54.4 | 56.1 | 56.3 | 56.8 | 56.8 | 57.1 | 57.1 | 57.1 | 57.3 | 57.3 | 57.5 | 57.5 | 57.5 | 57.6 | 57.6 |
| ≥ 9000 | 35.7 | 54.8 | 56.7 | 56.9 | 57.3 | 57.3 | 57.7 | 57.7 | 57.7 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 |
| ≥ 8000 | 36.5 | 56.0 | 57.8 | 58.0 | 58.5 | 58.5 | 58.8 | 58.8 | 58.8 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.3 | 59.3 |
| ≥ 7000 | 36.5 | 56.2 | 58.0 | 58.3 | 58.7 | 58.7 | 59.1 | 59.1 | 59.1 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 |
| ≥ 6000 | 36.6 | 56.5 | 58.4 | 58.6 | 59.1 | 59.1 | 59.4 | 59.4 | 59.4 | 59.6 | 59.6 | 59.7 | 59.7 | 59.7 | 59.9 | 59.9 |
| ≥ 5000 | 37.4 | 57.5 | 59.3 | 59.5 | 60.0 | 60.0 | 60.3 | 60.3 | 60.3 | 60.6 | 60.6 | 60.7 | 60.7 | 60.7 | 60.8 | 60.8 |
| ≥ 4500 | 37.6 | 57.9 | 59.7 | 60.1 | 60.6 | 60.6 | 60.9 | 60.9 | 60.9 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.4 | 61.4 |
| ≥ 4000 | 38.5 | 58.9 | 60.8 | 61.2 | 61.7 | 61.7 | 62.0 | 62.0 | 62.0 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 |
| ≥ 3500 | 39.4 | 60.4 | 62.3 | 62.7 | 63.2 | 63.2 | 63.5 | 63.5 | 63.5 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 64.0 | 64.0 |
| ≥ 3000 | 40.4 | 62.2 | 64.1 | 64.6 | 65.0 | 65.0 | 65.4 | 65.4 | 65.4 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.8 | 65.8 |
| ≥ 2500 | 42.3 | 65.5 | 67.7 | 68.2 | 68.7 | 68.7 | 69.0 | 69.0 | 69.0 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 |
| ≥ 2000 | 43.7 | 69.7 | 72.0 | 72.7 | 73.3 | 73.3 | 73.6 | 73.6 | 73.6 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.3 | 74.3 |
| ≥ 1800 | 44.3 | 70.8 | 73.2 | 73.9 | 74.4 | 74.4 | 74.8 | 74.8 | 74.8 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.5 | 75.5 |
| ≥ 1500 | 45.6 | 73.1 | 75.5 | 76.1 | 76.8 | 76.8 | 77.2 | 77.2 | 77.2 | 77.5 | 77.5 | 77.6 | 77.8 | 77.8 | 78.0 | 78.0 |
| ≥ 1200 | 47.0 | 76.0 | 78.8 | 79.5 | 80.2 | 80.2 | 80.5 | 80.5 | 80.5 | 80.8 | 80.8 | 81.0 | 81.1 | 81.1 | 81.3 | 81.3 |
| ≥ 1000 | 48.4 | 79.1 | 82.1 | 82.8 | 83.5 | 83.5 | 83.8 | 83.8 | 83.8 | 84.2 | 84.2 | 84.3 | 84.5 | 84.5 | 84.7 | 84.7 |
| ≥ 900 | 48.9 | 81.0 | 84.4 | 85.1 | 85.8 | 85.8 | 86.1 | 86.1 | 86.1 | 86.6 | 86.6 | 86.7 | 86.9 | 86.9 | 87.2 | 87.2 |
| ≥ 800 | 50.3 | 82.8 | 86.4 | 87.2 | 88.1 | 88.1 | 88.4 | 88.4 | 88.4 | 88.9 | 88.9 | 89.0 | 89.2 | 89.2 | 89.4 | 89.4 |
| ≥ 700 | 50.7 | 83.7 | 88.2 | 89.0 | 90.3 | 90.3 | 90.7 | 90.7 | 90.7 | 91.2 | 91.2 | 91.3 | 91.5 | 91.5 | 91.7 | 91.7 |
| ≥ 600 | 51.0 | 84.5 | 89.1 | 89.9 | 91.4 | 91.4 | 91.9 | 92.. | 92.0 | 92.4 | 92.4 | 92.5 | 92.8 | 92.8 | 93.0 | 93.0 |
| ≥ 500 | 51.3 | 85.1 | 89.7 | 90.5 | 92.4 | 92.4 | 93.2 | 93.5 | 93.5 | 94.0 | 94.0 | 94.2 | 94.4 | 94.4 | 94.6 | 94.7 |
| ≥ 400 | 51.3 | 85.3 | 90.3 | 91.1 | 93.6 | 93.6 | 94.6 | 95.1 | 95.1 | 95.9 | 95.9 | 96.0 | 96.2 | 96.2 | 96.4 | 96.6 |
| ≥ 300 | 51.3 | 85.4 | 90.4 | 91.3 | 93.8 | 93.9 | 95.1 | 95.6 | 95.6 | 96.6 | 96.8 | 96.9 | 97.1 | 97.1 | 97.4 | 97.5 |
| ≥ 200 | 51.4 | 85.6 | 90.5 | 91.4 | 93.9 | 94.0 | 95.3 | 96.1 | 96.2 | 97.2 | 97.6 | 97.7 | 98.3 | 98.3 | 98.6 | 98.9 |
| ≥ 100 | 51.4 | 85.6 | 90.5 | 91.4 | 93.9 | 94.0 | 95.3 | 96.1 | 96.2 | 97.2 | 97.6 | 97.8 | 98.5 | 98.6 | 99.1 | 99.9 |
| ≥ 0 | 51.4 | 85.6 | 90.5 | 91.4 | 93.9 | 94.0 | 95.3 | 96.1 | 96.2 | 97.2 | 97.6 | 97.8 | 98.5 | 98.6 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 872

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 | 45.4 | 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 |
| ≥ 20000 | 47.2 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 18000 | 47.4 | 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 |
| ≥ 16000 | 47.6 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 14000 | 48.1 | 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 | 52.9 |
| ≥ 12000 | 49.6 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| ≥ 10000 | 52.0 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 9000 | 52.4 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| ≥ 8000 | 53.5 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| ≥ 7000 | 53.9 | 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 |
| ≥ 6000 | 54.6 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 5000 | 55.7 | 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 |
| ≥ 4500 | 56.7 | 62.5 | 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 |
| ≥ 4000 | 57.5 | 63.5 | 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 |
| ≥ 3500 | 58.5 | 64.7 | 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 |
| ≥ 3000 | 59.4 | 65.9 | 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 |
| ≥ 2500 | 61.6 | 69.1 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 2000 | 64.8 | 73.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 1800 | 66.0 | 75.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 1500 | 69.5 | 80.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 1200 | 72.3 | 85.1 | 86.2 | 86.4 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 1000 | 73.5 | 87.6 | 89.0 | 89.1 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 900 | 74.1 | 89.3 | 90.9 | 91.3 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 800 | 74.7 | 90.2 | 92.0 | 92.6 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 700 | 74.8 | 90.5 | 92.4 | 93.2 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 600 | 75.4 | 91.7 | 93.7 | 94.5 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 500 | 75.9 | 91.9 | 94.5 | 95.4 | 96.1 | 96.5 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 400 | 75.9 | 92.1 | 94.8 | 95.8 | 96.7 | 97.2 | 97.6 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 300 | 75.8 | 92.2 | 94.9 | 96.0 | 97.4 | 97.9 | 98.2 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 200 | 75.8 | 92.2 | 94.9 | 96.0 | 97.4 | 97.9 | 98.5 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 |
| ≥ 100 | 75.8 | 92.2 | 94.9 | 96.0 | 97.4 | 97.9 | 98.5 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 |
| ≥ 0 | 75.8 | 92.2 | 94.9 | 96.0 | 97.4 | 97.9 | 98.5 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 909

USAF ETAC FORM JUL 80 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 60.6 | 64.6 | 64.6 | 64.6 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 20000 | 63.3 | 67.4 | 67.4 | 67.4 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 18000 | 63.5 | 67.6 | 67.6 | 67.6 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 16000 | 64.1 | 68.2 | 68.2 | 68.2 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 14000 | 64.9 | 69.2 | 69.2 | 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 |
| ≥ 12000 | 67.2 | 71.5 | 71.5 | 71.5 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 10000 | 69.1 | 73.5 | 73.5 | 73.5 | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 9000 | 69.3 | 73.7 | 73.7 | 73.7 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 8000 | 70.3 | 75.2 | 75.3 | 75.3 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 7000 | 70.9 | 75.9 | 76.0 | 76.0 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 6000 | 71.8 | 76.8 | 76.9 | 76.9 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 5000 | 72.9 | 78.3 | 78.6 | 78.6 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 4500 | 73.4 | 78.9 | 79.2 | 79.2 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 4000 | 74.1 | 80.4 | 80.7 | 80.7 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 3500 | 77.1 | 83.3 | 83.9 | 83.9 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 3000 | 79.6 | 86.2 | 86.8 | 86.8 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 2500 | 82.4 | 89.5 | 90.2 | 90.2 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 2000 | 83.5 | 91.4 | 92.2 | 92.2 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1800 | 84.2 | 91.8 | 92.7 | 92.7 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1500 | 85.3 | 93.5 | 94.3 | 94.4 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1200 | 86.1 | 94.8 | 95.4 | 95.5 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1000 | 86.6 | 95.9 | 96.6 | 96.9 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 86.9 | 96.3 | 97.4 | 97.5 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 800 | 87.0 | 96.5 | 97.6 | 97.7 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 700 | 87.0 | 96.5 | 97.7 | 97.8 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 600 | 87.0 | 96.5 | 97.7 | 97.8 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 87.0 | 96.7 | 97.9 | 98.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 87.0 | 96.9 | 98.3 | 98.4 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 87.0 | 96.9 | 98.3 | 98.4 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 87.0 | 96.9 | 98.3 | 98.4 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 87.0 | 96.9 | 98.3 | 98.4 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 87.0 | 96.9 | 98.3 | 98.4 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 918

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 | 70.5 | 71.5 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 20000 | 74.0 | 75.0 | 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 |
| ≥ 18000 | 75.0 | 76.0 | 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 |
| ≥ 16000 | 75.7 | 76.7 | 76.9 | 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 |
| ≥ 14000 | 77.0 | 78.1 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 12000 | 78.7 | 80.2 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 10000 | 81.4 | 83.1 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 9000 | 81.7 | 83.4 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 8000 | 82.9 | 84.7 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 7000 | 83.7 | 86.1 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 6000 | 84.7 | 87.2 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 5000 | 85.4 | 87.9 | 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 | 88.3 |
| ≥ 4500 | 86.2 | 88.9 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 4000 | 86.9 | 89.5 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 3500 | 88.3 | 91.5 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 3000 | 89.9 | 93.2 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2500 | 90.6 | 94.3 | 95.2 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 2000 | 91.1 | 95.0 | 96.0 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1800 | 91.4 | 95.5 | 96.5 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1500 | 91.7 | 95.9 | 96.9 | 97.0 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1200 | 92.1 | 96.6 | 97.7 | 97.8 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1000 | 92.3 | 97.0 | 98.1 | 98.2 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 900 | 92.3 | 97.0 | 98.1 | 98.2 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 92.3 | 97.1 | 98.2 | 98.3 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 92.4 | 97.4 | 98.5 | 98.6 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 92.4 | 97.4 | 98.5 | 98.6 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 92.6 | 97.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 92.6 | 97.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 92.6 | 97.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 92.6 | 97.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 92.6 | 97.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 92.6 | 97.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 909

USAF ETAC FORM JUL 66 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 | 51.6 | 74.4 | 74.4 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 20000 | 54.6 | 78.5 | 78.5 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 18000 | 54.9 | 78.8 | 78.8 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 16000 | 55.5 | 79.6 | 79.6 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 14000 | 56.7 | 81.5 | 81.5 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 12000 | 57.5 | 83.3 | 83.3 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 10000 | 58.8 | 85.4 | 85.4 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 9000 | 59.3 | 86.3 | 86.3 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 8000 | 60.7 | 88.0 | 88.0 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 7000 | 61.1 | 88.5 | 88.5 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 6000 | 61.3 | 89.1 | 89.1 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 5000 | 62.2 | 90.5 | 90.5 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 4500 | 62.7 | 91.6 | 91.6 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 4000 | 64.0 | 93.3 | 93.3 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 3500 | 64.6 | 94.4 | 94.4 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 3000 | 65.0 | 95.0 | 95.0 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 2500 | 65.0 | 95.7 | 95.7 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 2000 | 65.0 | 96.6 | 96.6 | 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 |
| ≥ 1800 | 65.0 | 96.8 | 96.8 | 97.0 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1500 | 65.1 | 97.0 | 97.0 | 97.4 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1200 | 65.8 | 97.9 | 97.9 | 98.2 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1000 | 65.8 | 97.9 | 98.0 | 98.5 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 65.8 | 98.0 | 98.1 | 98.6 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 65.8 | 98.0 | 98.1 | 98.6 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 65.8 | 98.0 | 98.1 | 98.6 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 65.8 | 98.0 | 98.1 | 98.6 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 65.9 | 98.1 | 98.2 | 98.7 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 65.9 | 98.2 | 98.2 | 98.7 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 65.9 | 98.2 | 98.2 | 98.7 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 65.9 | 98.2 | 98.2 | 98.7 | 99.4 | 99.4 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 65.9 | 98.2 | 98.2 | 98.7 | 99.4 | 99.4 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 65.9 | 98.2 | 98.2 | 98.7 | 99.4 | 99.4 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 885

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 36.5 | 77.8 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 20000 | 37.7 | 79.8 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 18000 | 37.8 | 79.9 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 16000 | 37.9 | 80.1 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 14000 | 38.3 | 81.4 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 12000 | 38.7 | 82.4 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 10000 | 38.7 | 83.3 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 9000 | 39.2 | 84.0 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 8000 | 40.4 | 85.3 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 7000 | 41.0 | 86.2 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 6000 | 41.4 | 86.7 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 5000 | 42.3 | 88.4 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 4500 | 42.8 | 89.9 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 4000 | 44.2 | 91.7 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 3500 | 44.4 | 92.8 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 3000 | 44.6 | 94.0 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 2500 | 45.0 | 94.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 2000 | 45.0 | 96.0 | 97.3 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1800 | 45.0 | 96.3 | 97.6 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1500 | 45.3 | 96.9 | 98.2 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1200 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 45.6 | 97.5 | 98.9 | 99.0 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 45.6 | 97.6 | 98.9 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 45.6 | 97.6 | 99.2 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 45.6 | 97.6 | 99.2 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 45.6 | 97.6 | 99.2 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 703

USAF ETAC FORM NO. 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 44.1 | 65.9 | 66.4 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 20000 | 45.9 | 68.2 | 68.7 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 18000 | 46.4 | 68.6 | 69.1 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 16000 | 46.7 | 68.9 | 69.4 | 69.5 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 |
| ≥ 14000 | 47.4 | 70.0 | 70.5 | 70.6 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 12000 | 48.6 | 71.6 | 72.2 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 10000 | 49.9 | 73.5 | 74.1 | 74.1 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 9000 | 50.3 | 73.9 | 74.5 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 8000 | 51.2 | 75.1 | 75.7 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 7000 | 51.6 | 75.6 | 76.2 | 76.3 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 |
| ≥ 6000 | 52.0 | 76.3 | 76.9 | 77.0 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 |
| ≥ 5000 | 52.9 | 77.5 | 78.2 | 78.2 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 4500 | 53.4 | 78.5 | 79.1 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 4000 | 54.3 | 79.6 | 80.3 | 80.4 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 |
| ≥ 3500 | 55.2 | 81.2 | 82.0 | 82.1 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 |
| ≥ 3000 | 56.2 | 82.8 | 83.6 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 2500 | 57.4 | 84.7 | 85.7 | 85.8 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 2000 | 58.5 | 87.1 | 88.2 | 88.4 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 1800 | 58.8 | 87.8 | 88.9 | 89.0 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 |
| ≥ 1500 | 59.8 | 89.5 | 90.7 | 90.8 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 |
| ≥ 1200 | 60.8 | 91.5 | 92.7 | 92.9 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 |
| ≥ 1000 | 61.3 | 92.7 | 94.0 | 94.3 | 94.7 | 94.7 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 |
| ≥ 900 | 61.5 | 93.4 | 94.8 | 95.1 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 800 | 61.8 | 93.9 | 95.4 | 95.7 | 96.2 | 96.2 | 96.3 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 |
| ≥ 700 | 61.9 | 94.2 | 95.8 | 96.1 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 600 | 62.0 | 94.5 | 96.2 | 96.5 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 |
| ≥ 500 | 62.1 | 94.7 | 96.5 | 96.6 | 97.6 | 97.7 | 97.9 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 |
| ≥ 400 | 62.1 | 94.8 | 96.8 | 97.1 | 98.0 | 98.1 | 98.4 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 300 | 62.1 | 94.9 | 96.8 | 97.3 | 98.2 | 98.3 | 98.7 | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 |
| ≥ 200 | 62.2 | 94.9 | 96.9 | 97.4 | 98.3 | 98.4 | 98.8 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 |
| ≥ 100 | 62.2 | 94.9 | 96.9 | 97.4 | 98.3 | 98.4 | 98.8 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.8 | 100.0 |
| = 0 | 62.2 | 94.9 | 96.9 | 97.4 | 98.3 | 98.4 | 98.8 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6473

USAF ETAC FORM JUL 80 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,75-80 (YEARS) NOV (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 | 25.1 | 72.2 | 72.5 | 72.9 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 20000 | 25.6 | 73.4 | 73.7 | 74.0 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 18000 | 25.6 | 73.4 | 73.7 | 74.0 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 16000 | 25.6 | 73.4 | 73.7 | 74.0 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 14000 | 25.6 | 73.5 | 73.9 | 74.2 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 12000 | 26.0 | 73.9 | 74.2 | 74.5 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 10000 | 26.1 | 74.4 | 74.7 | 75.0 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 9000 | 26.1 | 74.5 | 74.9 | 75.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 8000 | 26.5 | 75.2 | 75.5 | 75.9 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 7000 | 26.5 | 75.4 | 75.7 | 76.0 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 6000 | 26.5 | 76.0 | 76.4 | 76.7 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 5000 | 26.5 | 77.2 | 77.5 | 77.9 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 4500 | 26.5 | 77.5 | 77.9 | 78.2 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 4000 | 27.0 | 78.9 | 79.2 | 79.5 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 3500 | 27.1 | 79.7 | 80.0 | 80.4 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 3000 | 27.3 | 81.0 | 81.4 | 81.7 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 2500 | 27.5 | 83.7 | 84.0 | 84.5 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 2000 | 27.6 | 85.9 | 86.2 | 86.9 | 87.5 | 87.7 | 87.7 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 1800 | 27.6 | 86.0 | 86.4 | 87.0 | 87.7 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 1500 | 27.6 | 88.4 | 88.7 | 89.4 | 90.0 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 1200 | 27.6 | 90.5 | 90.8 | 91.5 | 92.2 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1000 | 27.6 | 91.8 | 92.2 | 92.8 | 93.7 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 900 | 27.6 | 92.0 | 92.3 | 93.2 | 94.3 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 800 | 27.6 | 92.2 | 92.5 | 93.3 | 94.7 | 94.8 | 94.8 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 700 | 27.8 | 92.3 | 92.7 | 93.5 | 94.8 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 600 | 28.0 | 92.5 | 92.8 | 93.1 | 95.2 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 500 | 28.3 | 93.2 | 93.7 | 94.5 | 96.2 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 400 | 28.3 | 93.7 | 94.6 | 95.7 | 97.8 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 300 | 28.3 | 93.7 | 94.8 | 95.7 | 98.0 | 98.2 | 98.3 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | 28.3 | 93.7 | 95.0 | 95.8 | 98.3 | 98.5 | 99.0 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 100 | 28.3 | 93.7 | 95.0 | 95.8 | 98.3 | 98.8 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |
| 0 | 28.3 | 93.7 | 95.0 | 95.8 | 98.3 | 98.8 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 601

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,75-80 (YEARS) NOV (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 | 20.1 | 61.8 | 63.0 | 63.0 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 20000 | 20.7 | 62.7 | 63.9 | 63.9 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 18000 | 20.7 | 62.7 | 63.9 | 63.9 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 16000 | 20.7 | 62.7 | 63.9 | 63.9 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 14000 | 20.7 | 62.7 | 63.9 | 63.9 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 12000 | 21.2 | 63.7 | 65.1 | 65.1 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 10000 | 21.2 | 64.2 | 65.6 | 65.6 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 9000 | 21.2 | 64.9 | 66.3 | 66.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 8000 | 21.4 | 65.1 | 66.5 | 66.5 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 7000 | 21.4 | 65.3 | 66.7 | 66.7 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 6000 | 21.7 | 66.1 | 67.5 | 67.5 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 5000 | 21.7 | 67.5 | 68.9 | 68.9 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 4500 | 21.7 | 68.1 | 69.4 | 69.4 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 4000 | 22.0 | 69.1 | 70.5 | 70.5 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 3500 | 22.0 | 70.1 | 71.5 | 71.5 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 3000 | 22.2 | 71.7 | 73.1 | 73.1 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 2500 | 22.2 | 74.5 | 76.4 | 76.4 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 2000 | 22.4 | 77.1 | 79.0 | 79.0 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 1800 | 22.4 | 78.1 | 80.0 | 80.0 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 1500 | 22.4 | 80.7 | 82.6 | 82.6 | 83.5 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 1200 | 22.4 | 83.2 | 85.4 | 85.4 | 86.3 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 1000 | 22.4 | 84.9 | 87.3 | 87.5 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 900 | 22.4 | 85.4 | 88.0 | 88.2 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 800 | 22.4 | 86.1 | 89.4 | 89.6 | 90.6 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 700 | 22.6 | 86.8 | 90.1 | 90.3 | 91.3 | 91.3 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 600 | 22.6 | 86.8 | 90.1 | 90.5 | 91.5 | 91.5 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 500 | 22.7 | 87.2 | 90.5 | 90.8 | 92.0 | 92.0 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 400 | 23.1 | 87.6 | 91.5 | 92.0 | 93.6 | 93.6 | 94.1 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 300 | 23.1 | 87.8 | 91.7 | 92.4 | 94.4 | 94.6 | 95.7 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 200 | 23.1 | 87.8 | 91.7 | 92.4 | 94.4 | 94.6 | 95.8 | 96.9 | 97.0 | 97.0 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 100 | 23.1 | 87.8 | 91.7 | 92.4 | 94.4 | 94.8 | 96.0 | 97.2 | 97.4 | 97.4 | 97.7 | 97.7 | 97.9 | 97.9 | 98.1 | 98.3 |
| 0 | 23.1 | 87.8 | 91.7 | 92.4 | 94.4 | 94.8 | 96.0 | 97.2 | 97.4 | 97.4 | 97.9 | 97.9 | 98.1 | 98.8 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 576

USAF ETAC FORM JUL 80 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) NOV (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 | 36.7 | 53.7 | 54.9 | 55.0 | 55.8 | 56.1 | 56.1 | 56.1 | 56.1 | 56.3 | 56.7 | 56.7 | 56.7 | 56.7 | 56.8 | 56.9 |
| ≥ 20000 | 37.3 | 54.5 | 55.7 | 56.0 | 56.8 | 57.1 | 57.1 | 57.1 | 57.1 | 57.4 | 57.7 | 57.7 | 57.9 | 57.9 | 58.0 | 58.1 |
| ≥ 18000 | 37.3 | 54.5 | 55.7 | 56.0 | 56.8 | 57.1 | 57.1 | 57.1 | 57.1 | 57.4 | 57.7 | 57.7 | 57.9 | 57.9 | 58.0 | 58.1 |
| ≥ 16000 | 37.3 | 54.5 | 55.7 | 56.0 | 56.8 | 57.1 | 57.1 | 57.1 | 57.1 | 57.4 | 57.7 | 57.7 | 57.9 | 57.9 | 58.0 | 58.1 |
| ≥ 14000 | 37.7 | 55.2 | 56.4 | 56.7 | 57.5 | 57.9 | 57.9 | 57.9 | 57.9 | 58.1 | 58.5 | 58.5 | 58.6 | 58.6 | 58.7 | 58.8 |
| ≥ 12000 | 37.9 | 55.4 | 56.7 | 56.9 | 57.7 | 58.1 | 58.1 | 58.1 | 58.1 | 58.3 | 58.7 | 58.7 | 58.8 | 58.8 | 58.9 | 59.0 |
| ≥ 10000 | 38.0 | 55.6 | 56.9 | 57.1 | 58.0 | 58.3 | 58.3 | 58.3 | 58.3 | 58.6 | 58.9 | 58.9 | 59.0 | 59.0 | 59.2 | 59.3 |
| ≥ 9000 | 38.0 | 55.7 | 57.0 | 57.3 | 58.1 | 58.5 | 58.5 | 58.5 | 58.5 | 58.7 | 59.0 | 59.0 | 59.2 | 59.2 | 59.3 | 59.4 |
| ≥ 8000 | 38.6 | 56.5 | 57.9 | 58.1 | 58.9 | 59.3 | 59.3 | 59.3 | 59.3 | 59.5 | 59.9 | 59.9 | 60.0 | 60.0 | 60.1 | 60.2 |
| ≥ 7000 | 39.3 | 57.0 | 58.3 | 58.6 | 59.4 | 59.8 | 59.8 | 59.8 | 59.8 | 60.0 | 60.4 | 60.4 | 60.5 | 60.5 | 60.6 | 60.7 |
| ≥ 6000 | 39.8 | 58.1 | 59.4 | 59.6 | 60.5 | 60.8 | 60.8 | 60.8 | 60.8 | 61.1 | 61.4 | 61.4 | 61.5 | 61.5 | 61.7 | 61.8 |
| ≥ 5000 | 40.4 | 59.5 | 60.8 | 61.1 | 61.9 | 62.3 | 62.3 | 62.3 | 62.3 | 62.5 | 62.9 | 62.9 | 63.0 | 63.0 | 63.1 | 63.2 |
| ≥ 4500 | 40.6 | 60.7 | 62.0 | 62.3 | 63.1 | 63.5 | 63.5 | 63.5 | 63.5 | 63.7 | 64.0 | 64.0 | 64.2 | 64.2 | 64.3 | 64.4 |
| ≥ 4000 | 41.2 | 61.4 | 62.7 | 63.0 | 63.8 | 64.2 | 64.2 | 64.2 | 64.2 | 64.4 | 64.8 | 64.8 | 64.9 | 64.9 | 65.0 | 65.1 |
| ≥ 3500 | 41.3 | 62.1 | 63.5 | 63.7 | 64.5 | 64.9 | 64.9 | 64.9 | 64.9 | 65.1 | 65.5 | 65.5 | 65.6 | 65.6 | 65.7 | 65.8 |
| ≥ 3000 | 42.1 | 63.3 | 64.8 | 65.1 | 66.0 | 66.3 | 66.5 | 66.5 | 66.5 | 66.8 | 67.1 | 67.1 | 67.3 | 67.3 | 67.4 | 67.5 |
| ≥ 2500 | 42.7 | 65.5 | 67.0 | 67.4 | 68.3 | 68.7 | 68.9 | 68.9 | 68.9 | 69.2 | 69.5 | 69.5 | 69.6 | 69.6 | 69.8 | 69.9 |
| ≥ 2000 | 43.2 | 67.1 | 68.9 | 69.5 | 70.6 | 71.0 | 71.2 | 71.2 | 71.2 | 71.4 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.1 |
| ≥ 1800 | 43.7 | 68.5 | 70.2 | 71.0 | 72.0 | 72.4 | 72.6 | 72.6 | 72.6 | 72.9 | 73.2 | 73.2 | 73.3 | 73.3 | 73.5 | 73.6 |
| ≥ 1500 | 44.3 | 70.4 | 72.3 | 73.0 | 74.3 | 74.8 | 75.4 | 75.4 | 75.4 | 75.7 | 76.1 | 76.1 | 76.2 | 76.2 | 76.3 | 76.4 |
| ≥ 1200 | 45.4 | 72.7 | 75.0 | 75.7 | 77.1 | 77.6 | 78.2 | 78.6 | 78.6 | 78.9 | 79.3 | 79.3 | 79.4 | 79.4 | 79.5 | 79.6 |
| ≥ 1000 | 45.5 | 73.6 | 76.1 | 76.9 | 78.5 | 78.9 | 79.6 | 80.0 | 80.0 | 80.5 | 80.8 | 80.8 | 81.0 | 81.0 | 81.1 | 81.2 |
| ≥ 900 | 45.7 | 74.5 | 77.1 | 78.0 | 79.5 | 80.0 | 80.7 | 81.1 | 81.1 | 81.5 | 81.9 | 81.9 | 82.0 | 82.0 | 82.1 | 82.3 |
| ≥ 800 | 45.8 | 75.4 | 78.2 | 79.0 | 80.8 | 81.3 | 82.1 | 82.6 | 82.6 | 83.1 | 83.5 | 83.5 | 83.6 | 83.6 | 83.7 | 83.8 |
| ≥ 700 | 45.8 | 76.1 | 79.2 | 80.0 | 81.9 | 82.4 | 83.2 | 83.7 | 83.7 | 84.2 | 84.5 | 84.5 | 84.8 | 84.8 | 84.9 | 85.0 |
| ≥ 600 | 46.0 | 76.7 | 79.9 | 81.1 | 83.0 | 83.5 | 84.3 | 84.8 | 84.8 | 85.2 | 85.6 | 85.6 | 85.8 | 85.8 | 86.0 | 86.1 |
| ≥ 500 | 46.1 | 77.4 | 80.8 | 82.1 | 84.4 | 84.9 | 85.7 | 86.4 | 86.4 | 86.9 | 87.3 | 87.3 | 87.5 | 87.5 | 87.6 | 87.7 |
| ≥ 400 | 46.2 | 78.2 | 82.0 | 83.7 | 86.2 | 86.8 | 87.9 | 88.9 | 89.2 | 89.8 | 90.1 | 90.1 | 90.5 | 90.5 | 90.6 | 90.8 |
| ≥ 300 | 46.2 | 78.6 | 82.9 | 84.6 | 87.6 | 88.5 | 89.6 | 91.3 | 91.7 | 92.6 | 93.1 | 93.1 | 93.5 | 93.5 | 93.6 | 93.9 |
| ≥ 200 | 46.2 | 78.6 | 82.9 | 84.6 | 88.0 | 88.9 | 90.5 | 92.3 | 92.7 | 94.4 | 95.0 | 95.0 | 95.5 | 95.7 | 96.3 | 96.9 |
| ≥ 100 | 46.2 | 78.6 | 82.9 | 84.6 | 88.0 | 88.9 | 90.5 | 92.3 | 92.9 | 94.6 | 95.6 | 95.6 | 96.2 | 96.7 | 97.5 | 98.7 |
| 0 | 46.2 | 78.6 | 82.9 | 84.6 | 88.0 | 88.9 | 90.5 | 92.3 | 92.9 | 94.6 | 95.6 | 95.6 | 96.5 | 97.4 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 840

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) NOV (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 | 48.3 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.7 | 51.3 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 20000 | 49.4 | 52.2 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 18000 | 49.4 | 52.2 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 16000 | 49.4 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 14000 | 50.5 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 12000 | 51.0 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 10000 | 51.8 | 55.2 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 9000 | 52.1 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.9 | 55.9 | 55.9 | 55.9 |
| ≥ 8000 | 53.3 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.2 | 57.2 | 57.2 | 57.2 |
| ≥ 7000 | 53.9 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 6000 | 55.7 | 59.9 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 5000 | 56.5 | 60.7 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.1 | 61.1 | 61.1 | 61.1 |
| ≥ 4500 | 57.4 | 61.7 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 4000 | 57.9 | 62.2 | 62.3 | 62.3 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 3500 | 58.5 | 62.7 | 62.9 | 62.9 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 3000 | 58.8 | 63.2 | 63.4 | 63.4 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 2500 | 59.9 | 64.5 | 64.7 | 64.7 | 64.9 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 2000 | 61.6 | 66.7 | 67.0 | 67.0 | 67.6 | 67.7 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 1800 | 62.4 | 67.8 | 68.2 | 68.2 | 68.7 | 68.9 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 1500 | 64.5 | 70.6 | 71.2 | 71.2 | 72.0 | 72.1 | 72.5 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 1200 | 65.5 | 73.1 | 73.9 | 73.9 | 74.7 | 74.9 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 1000 | 67.5 | 76.1 | 77.0 | 77.0 | 78.0 | 78.1 | 79.2 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 900 | 68.4 | 78.1 | 79.4 | 79.4 | 80.4 | 80.5 | 81.8 | 82.0 | 82.1 | 82.2 | 82.2 | 82.2 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 800 | 69.2 | 79.4 | 80.6 | 80.6 | 81.8 | 81.9 | 83.2 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 700 | 70.1 | 81.5 | 83.3 | 83.4 | 84.9 | 85.0 | 86.4 | 86.6 | 86.7 | 87.0 | 87.0 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 600 | 70.4 | 83.0 | 85.7 | 85.9 | 87.4 | 87.5 | 89.2 | 89.7 | 89.9 | 90.2 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 500 | 70.6 | 83.9 | 86.6 | 87.3 | 89.9 | 90.0 | 92.0 | 92.8 | 93.1 | 93.4 | 93.4 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 400 | 70.6 | 84.4 | 87.5 | 88.2 | 91.1 | 91.3 | 93.8 | 94.8 | 95.2 | 95.7 | 95.7 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 300 | 70.6 | 84.5 | 87.6 | 88.7 | 91.8 | 92.2 | 94.7 | 96.2 | 96.7 | 97.6 | 97.7 | 97.7 | 98.0 | 98.0 | 98.2 | 98.2 |
| ≥ 200 | 70.6 | 84.5 | 87.6 | 88.7 | 91.8 | 92.2 | 94.7 | 96.3 | 96.9 | 97.9 | 98.0 | 98.2 | 99.2 | 99.3 | 99.5 | 99.7 |
| ≥ 100 | 70.6 | 84.5 | 87.6 | 88.7 | 91.8 | 92.2 | 94.7 | 96.3 | 96.9 | 98.0 | 98.3 | 98.4 | 99.4 | 99.5 | 99.8 | 99.9 |
| ≥ 0 | 70.6 | 84.5 | 87.6 | 88.7 | 91.8 | 92.2 | 94.7 | 96.3 | 96.9 | 98.0 | 98.3 | 98.4 | 99.4 | 99.5 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 867

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 60.0 | 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 | 63.3 | 63.3 |
| ≥ 20000 | 62.6 | 66.2 | 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 |
| ≥ 18000 | 62.7 | 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 |
| ≥ 16000 | 62.7 | 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 |
| ≥ 14000 | 63.6 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 12000 | 64.6 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 10000 | 66.2 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 9000 | 66.7 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 8000 | 67.0 | 71.5 | 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 | 71.6 |
| ≥ 7000 | 67.5 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 6000 | 68.2 | 72.8 | 73.0 | 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 |
| ≥ 5000 | 69.4 | 74.0 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 4500 | 69.7 | 74.4 | 74.5 | 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 |
| ≥ 4000 | 69.9 | 74.7 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 3500 | 70.5 | 75.4 | 75.8 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 3000 | 71.7 | 76.7 | 77.0 | 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 |
| ≥ 2500 | 73.5 | 78.8 | 79.2 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 2000 | 75.9 | 81.9 | 82.4 | 82.7 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 1800 | 76.9 | 83.1 | 83.5 | 83.8 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 1500 | 78.5 | 86.0 | 86.8 | 87.1 | 87.2 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 1200 | 80.1 | 88.9 | 90.0 | 90.3 | 90.6 | 90.7 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 1000 | 80.8 | 90.7 | 91.9 | 92.3 | 92.5 | 92.6 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 900 | 81.5 | 91.7 | 92.9 | 93.4 | 93.7 | 93.8 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 800 | 82.0 | 92.7 | 94.1 | 94.5 | 94.8 | 94.9 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 700 | 82.0 | 93.2 | 94.6 | 95.1 | 95.6 | 95.7 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 600 | 82.3 | 93.8 | 95.6 | 96.2 | 96.7 | 96.9 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 500 | 82.6 | 94.7 | 96.6 | 97.2 | 97.9 | 98.1 | 98.5 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 82.7 | 94.9 | 96.9 | 97.5 | 98.3 | 98.5 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 82.7 | 95.2 | 97.1 | 97.8 | 98.7 | 98.9 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 82.7 | 95.2 | 97.1 | 97.8 | 98.7 | 98.9 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 82.7 | 95.2 | 97.1 | 97.8 | 98.7 | 98.9 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 82.7 | 95.2 | 97.1 | 97.8 | 98.7 | 98.9 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) NOV (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 | 66.6 | 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 |
| ≥ 20000 | 72.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 18000 | 72.6 | 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 | 74.7 |
| ≥ 16000 | 72.6 | 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 | 74.7 |
| ≥ 14000 | 73.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 12000 | 74.5 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 10000 | 75.8 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 9000 | 76.1 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 8000 | 76.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 7000 | 77.0 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 6000 | 77.8 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 5000 | 78.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 4500 | 79.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 4000 | 79.8 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 3500 | 80.4 | 83.7 | 84.0 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 3000 | 81.8 | 85.5 | 86.0 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 2500 | 84.2 | 88.3 | 88.8 | 88.8 | 89.0 | 89.1 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 2000 | 85.4 | 89.9 | 90.3 | 90.3 | 90.6 | 90.7 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 1800 | 85.6 | 90.5 | 90.9 | 91.0 | 91.2 | 91.4 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 1500 | 86.9 | 93.5 | 93.9 | 94.2 | 94.4 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1200 | 87.8 | 94.7 | 95.2 | 95.4 | 95.7 | 95.8 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1000 | 88.1 | 95.3 | 95.7 | 96.0 | 96.4 | 96.5 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 900 | 88.6 | 95.7 | 96.2 | 96.4 | 96.9 | 97.0 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 800 | 88.6 | 95.8 | 96.3 | 96.5 | 97.0 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 88.7 | 96.1 | 96.5 | 96.7 | 97.4 | 97.5 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 600 | 88.7 | 96.5 | 97.0 | 97.3 | 98.0 | 98.1 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 88.8 | 96.7 | 97.3 | 97.6 | 98.5 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 88.8 | 96.7 | 97.4 | 97.8 | 98.7 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 88.8 | 96.9 | 97.6 | 98.0 | 98.9 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 88.8 | 96.9 | 97.6 | 98.0 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 88.8 | 96.9 | 97.6 | 98.0 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 88.8 | 96.9 | 97.6 | 98.0 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 49.0 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 20000 | 50.0 | 77.0 | 77.0 | 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 |
| ≥ 18000 | 50.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 16000 | 50.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 14000 | 51.1 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 12000 | 52.0 | 80.2 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 10000 | 52.1 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 9000 | 52.6 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 8000 | 52.8 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 7000 | 53.0 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 6000 | 53.3 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 5000 | 54.4 | 85.2 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 4500 | 54.6 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 4000 | 55.9 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 3500 | 57.0 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 3000 | 57.6 | 89.6 | 89.9 | 90.0 | 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 | 58.3 | 91.1 | 91.5 | 91.6 | 91.7 | 91.8 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 2000 | 58.8 | 91.7 | 92.1 | 92.2 | 92.3 | 92.4 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1800 | 58.8 | 92.0 | 92.3 | 92.6 | 92.7 | 92.8 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1500 | 59.1 | 93.8 | 94.1 | 94.5 | 94.8 | 94.9 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1200 | 59.3 | 94.6 | 95.1 | 95.5 | 95.9 | 96.0 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1000 | 59.4 | 94.8 | 95.2 | 95.6 | 96.0 | 96.1 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 900 | 59.4 | 94.8 | 95.4 | 95.9 | 96.3 | 96.5 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | 59.4 | 94.9 | 95.5 | 96.0 | 96.5 | 96.6 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 700 | 59.4 | 94.9 | 95.5 | 96.0 | 96.6 | 96.7 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 600 | 59.4 | 95.0 | 95.6 | 96.1 | 96.7 | 96.8 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 500 | 59.4 | 95.1 | 95.7 | 96.2 | 96.8 | 97.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 400 | 59.4 | 95.6 | 96.3 | 96.8 | 97.4 | 97.6 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 59.4 | 95.6 | 96.3 | 96.8 | 97.6 | 97.7 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 59.4 | 95.6 | 96.3 | 96.8 | 97.6 | 97.7 | 98.9 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 59.4 | 95.6 | 96.3 | 96.8 | 97.6 | 97.7 | 99.0 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 59.4 | 95.6 | 96.3 | 96.8 | 97.6 | 97.7 | 99.0 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 820

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) NOV (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 | 39.4 | 75.5 | 75.5 | 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 |
| ≥ 20000 | 40.0 | 77.8 | 77.8 | 78.1 | 78. | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 18000 | 40.0 | 77.8 | 77.8 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 16000 | 40.0 | 77.8 | 77.8 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 14000 | 40.0 | 78.1 | 78.1 | 78.3 | 78.3 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 12000 | 40.0 | 78.2 | 78.2 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 10000 | 40.1 | 79.8 | 79.8 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 9000 | 40.5 | 80.6 | 80.6 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 8000 | 40.5 | 81.0 | 81.0 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 7000 | 40.6 | 81.2 | 81.2 | 81.4 | 81.4 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 6000 | 40.9 | 82.5 | 82.5 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 5000 | 41.0 | 83.4 | 83.4 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 4500 | 41.6 | 84.1 | 84.1 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 4000 | 42.1 | 85.1 | 85.2 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 3500 | 43.1 | 86.8 | 86.9 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 3000 | 43.3 | 88.0 | 88.2 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 2500 | 43.3 | 89.9 | 90.2 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 2000 | 43.7 | 91.0 | 91.5 | 92.2 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 1800 | 43.7 | 91.1 | 91.7 | 92.5 | 92.6 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1500 | 43.7 | 92.2 | 92.7 | 93.5 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1200 | 43.7 | 92.5 | 93.1 | 93.9 | 94.3 | 94.3 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1000 | 43.7 | 92.6 | 93.4 | 94.6 | 95.0 | 95.0 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 900 | 43.9 | 93.3 | 94.1 | 95.3 | 95.8 | 95.8 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 800 | 43.9 | 93.3 | 94.1 | 95.3 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 700 | 43.9 | 93.7 | 94.8 | 96.0 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 600 | 43.9 | 93.7 | 94.8 | 96.0 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 500 | 44.0 | 93.9 | 95.0 | 96.2 | 97.2 | 97.2 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 400 | 44.0 | 94.6 | 95.6 | 97.0 | 98.0 | 98.0 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 300 | 44.0 | 94.8 | 96.0 | 97.2 | 98.1 | 98.1 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 200 | 44.0 | 94.8 | 96.0 | 97.2 | 98.1 | 98.1 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 100 | 44.0 | 94.8 | 96.0 | 97.2 | 98.1 | 98.3 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 44.0 | 94.8 | 96.0 | 97.2 | 98.1 | 98.3 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 743

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) NOV (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 | 45.2 | 64.6 | 65.0 | 65.1 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.5 |
| ≥ 20000 | 46.9 | 67.0 | 67.4 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 |
| ≥ 18000 | 47.0 | 67.1 | 67.5 | 67.6 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 68.0 | 68.0 |
| ≥ 16000 | 47.0 | 67.1 | 67.5 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 14000 | 47.6 | 68.0 | 68.3 | 68.4 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 12000 | 48.2 | 68.8 | 69.2 | 69.3 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 10000 | 48.8 | 69.9 | 70.2 | 70.3 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 9000 | 49.0 | 70.3 | 70.7 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 8000 | 49.5 | 70.9 | 71.3 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 7000 | 49.8 | 71.4 | 71.7 | 71.9 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 |
| ≥ 6000 | 50.5 | 72.5 | 72.8 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 5000 | 51.1 | 73.6 | 74.0 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 4500 | 51.5 | 74.2 | 74.6 | 74.7 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 4000 | 52.0 | 75.1 | 75.5 | 75.6 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 3500 | 52.6 | 76.0 | 76.5 | 76.6 | 76.8 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 |
| ≥ 3000 | 53.3 | 77.3 | 77.8 | 78.0 | 78.2 | 78.3 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 2500 | 54.2 | 79.4 | 80.0 | 80.2 | 80.6 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 |
| ≥ 2000 | 55.2 | 81.2 | 82.0 | 82.3 | 82.7 | 82.8 | 83.0 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 |
| ≥ 1800 | 55.5 | 82.0 | 82.7 | 83.1 | 83.5 | 83.6 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 1500 | 56.3 | 84.3 | 85.2 | 85.5 | 86.1 | 86.2 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 |
| ≥ 1200 | 57.0 | 86.2 | 87.2 | 87.6 | 88.2 | 88.3 | 88.8 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 1000 | 57.5 | 87.3 | 88.5 | 88.9 | 89.6 | 89.8 | 90.3 | 90.4 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 |
| ≥ 900 | 57.8 | 88.1 | 89.3 | 89.8 | 90.6 | 90.8 | 91.3 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 800 | 58.0 | 88.6 | 90.0 | 90.5 | 91.4 | 91.5 | 92.1 | 92.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.6 |
| ≥ 700 | 58.2 | 89.3 | 90.8 | 91.3 | 92.3 | 92.5 | 93.1 | 93.3 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 |
| ≥ 600 | 58.3 | 89.8 | 91.4 | 92.1 | 93.1 | 93.3 | 93.9 | 94.2 | 94.2 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 500 | 58.5 | 90.3 | 92.0 | 92.8 | 94.1 | 94.3 | 95.0 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 400 | 58.5 | 90.8 | 92.8 | 93.6 | 95.1 | 95.3 | 96.2 | 96.7 | 96.8 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 300 | 58.5 | 90.9 | 93.0 | 93.9 | 95.6 | 95.9 | 96.9 | 97.6 | 97.7 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 200 | 58.5 | 90.9 | 93.0 | 93.9 | 95.7 | 96.0 | 97.1 | 98.0 | 98.2 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 |
| ≥ 100 | 58.5 | 90.9 | 93.0 | 93.9 | 95.7 | 96.0 | 97.2 | 98.1 | 98.3 | 98.7 | 98.9 | 98.9 | 99.2 | 99.3 | 99.4 | 99.6 |
| ≥ 0 | 58.5 | 90.9 | 93.0 | 93.9 | 95.7 | 96.0 | 97.2 | 98.1 | 98.3 | 98.7 | 98.9 | 98.9 | 99.2 | 99.5 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6229

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,75-80 (YEARS) DEC (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 | 24.2 | 64.7 | 64.8 | 65.2 | 65.3 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.8 | 65.8 |
| ≥ 20000 | 25.0 | 67.6 | 67.7 | 68.1 | 68.2 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.7 | 68.7 |
| ≥ 18000 | 25.0 | 67.7 | 67.9 | 68.2 | 68.4 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.9 | 68.9 |
| ≥ 16000 | 25.0 | 67.9 | 68.1 | 68.4 | 68.5 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 |
| ≥ 14000 | 25.5 | 71.1 | 71.3 | 71.6 | 71.8 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.3 | 72.3 |
| ≥ 12000 | 26.0 | 72.9 | 73.1 | 73.4 | 73.5 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 |
| ≥ 10000 | 26.0 | 75.0 | 75.2 | 75.5 | 75.6 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.3 | 76.3 |
| ≥ 9000 | 26.0 | 75.8 | 76.0 | 76.3 | 76.5 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.1 | 77.1 |
| ≥ 8000 | 26.0 | 76.5 | 76.8 | 77.1 | 77.3 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.9 | 77.9 |
| ≥ 7000 | 26.1 | 76.6 | 76.9 | 77.3 | 77.4 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 78.1 | 78.1 |
| ≥ 6000 | 26.1 | 76.6 | 76.9 | 77.3 | 77.4 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 78.1 | 78.1 |
| ≥ 5000 | 26.5 | 78.4 | 79.0 | 79.4 | 79.5 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.2 | 80.2 |
| ≥ 4500 | 26.5 | 79.0 | 79.7 | 80.0 | 80.2 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.8 | 80.8 |
| ≥ 4000 | 26.6 | 79.1 | 80.3 | 80.6 | 80.8 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.5 | 81.5 |
| ≥ 3500 | 26.6 | 80.3 | 81.0 | 81.3 | 81.6 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.3 | 82.3 |
| ≥ 3000 | 26.6 | 81.0 | 81.6 | 81.9 | 82.3 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.9 | 82.9 |
| ≥ 2500 | 26.6 | 82.3 | 83.2 | 83.5 | 83.9 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 |
| ≥ 2000 | 26.9 | 85.6 | 86.9 | 87.3 | 87.6 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 |
| ≥ 1800 | 27.1 | 86.3 | 87.9 | 88.2 | 88.5 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.2 | 89.2 |
| ≥ 1500 | 27.7 | 87.6 | 89.4 | 89.7 | 90.0 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 |
| ≥ 1200 | 27.7 | 88.4 | 90.2 | 90.5 | 90.8 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.5 | 91.5 |
| ≥ 1000 | 27.7 | 89.4 | 91.1 | 91.5 | 91.8 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 |
| ≥ 900 | 27.7 | 89.7 | 91.5 | 91.8 | 92.1 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 |
| ≥ 800 | 27.9 | 89.8 | 91.6 | 91.9 | 92.3 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.9 | 92.9 |
| ≥ 700 | 28.1 | 90.3 | 92.3 | 92.6 | 93.1 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.7 | 93.7 |
| ≥ 600 | 28.1 | 90.6 | 92.6 | 92.9 | 93.7 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.7 | 94.7 |
| ≥ 500 | 28.1 | 90.8 | 93.1 | 93.4 | 94.2 | 94.6 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.5 | 95.5 |
| ≥ 400 | 28.1 | 91.6 | 94.0 | 94.4 | 95.3 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.6 | 96.6 |
| ≥ 300 | 28.1 | 92.1 | 94.7 | 95.0 | 96.1 | 96.8 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.6 | 97.6 |
| ≥ 200 | 28.1 | 92.6 | 95.2 | 95.6 | 97.1 | 97.7 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.9 | 98.9 |
| ≥ 100 | 28.1 | 92.7 | 95.3 | 96.0 | 97.3 | 97.9 | 98.2 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 99.2 | 99.5 |
| ≥ 0 | 28.1 | 92.7 | 95.3 | 96.0 | 97.3 | 97.9 | 98.2 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 620

USAF ETAC FORM JUL 68 0-14-9 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,75-80 (YEARS) DEC (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 | 19.6 | 57.0 | 57.3 | 58.2 | 58.3 | 58.3 | 58.3 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 20000 | 19.7 | 59.2 | 59.5 | 60.4 | 60.5 | 60.5 | 60.5 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 18000 | 19.7 | 59.2 | 59.5 | 60.4 | 60.5 | 60.5 | 60.5 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 16000 | 19.7 | 59.2 | 59.5 | 60.4 | 60.5 | 60.5 | 60.5 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 14000 | 19.7 | 61.2 | 61.6 | 62.4 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 12000 | 20.2 | 64.1 | 64.4 | 65.3 | 65.4 | 65.4 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 10000 | 20.2 | 65.1 | 65.4 | 66.3 | 66.4 | 66.4 | 66.4 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 9000 | 20.2 | 65.4 | 65.8 | 66.6 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 8000 | 20.2 | 66.1 | 66.4 | 67.3 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 7000 | 20.2 | 66.1 | 66.4 | 67.3 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 6000 | 20.6 | 66.4 | 66.8 | 67.6 | 67.8 | 67.8 | 67.8 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 5000 | 20.7 | 68.3 | 68.6 | 69.5 | 70.0 | 70.0 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 4500 | 20.7 | 69.0 | 69.3 | 70.2 | 70.7 | 70.7 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 4000 | 20.7 | 69.8 | 70.2 | 71.0 | 71.5 | 71.5 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 3500 | 20.9 | 71.0 | 71.3 | 72.2 | 72.7 | 72.8 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 3000 | 20.9 | 72.2 | 72.5 | 73.4 | 73.9 | 74.2 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 2500 | 21.4 | 74.7 | 75.0 | 75.9 | 76.4 | 76.9 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 2000 | 21.4 | 77.6 | 77.9 | 78.8 | 79.3 | 79.8 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 1800 | 21.4 | 78.1 | 78.4 | 79.3 | 79.8 | 80.3 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 1500 | 21.6 | 80.4 | 80.8 | 81.6 | 82.3 | 82.8 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 1200 | 21.8 | 82.1 | 82.5 | 83.3 | 84.0 | 84.5 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 1000 | 21.9 | 83.0 | 83.3 | 84.1 | 85.0 | 85.5 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 900 | 22.3 | 84.1 | 84.5 | 85.3 | 86.2 | 86.7 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 800 | 22.3 | 84.5 | 85.0 | 85.8 | 86.7 | 87.2 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 700 | 22.3 | 85.0 | 85.8 | 86.7 | 87.5 | 88.0 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 600 | 22.6 | 86.0 | 86.8 | 87.7 | 88.9 | 89.5 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 500 | 23.1 | 86.3 | 87.2 | 88.2 | 89.4 | 90.2 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.9 | 90.9 | 90.9 | 91.1 |
| ≥ 400 | 23.3 | 87.4 | 88.2 | 89.2 | 90.6 | 91.4 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.1 | 92.1 | 92.1 | 92.2 |
| ≥ 300 | 23.3 | 88.2 | 89.0 | 90.1 | 91.4 | 92.2 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.9 | 92.9 | 92.9 | 93.4 |
| ≥ 200 | 23.3 | 88.2 | 89.0 | 90.1 | 91.6 | 92.6 | 93.3 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.3 | 94.3 | 94.8 | 95.6 |
| ≥ 100 | 23.3 | 88.4 | 89.2 | 90.2 | 91.7 | 92.7 | 93.8 | 94.8 | 94.8 | 95.3 | 95.3 | 95.3 | 95.8 | 95.8 | 96.8 | 97.6 |
| ≥ 0 | 23.3 | 88.4 | 89.2 | 90.2 | 91.9 | 92.9 | 93.9 | 94.9 | 94.9 | 95.4 | 95.6 | 95.6 | 96.1 | 96.1 | 97.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 593

USAF ETAC FORM JUL 66 0-14-8 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (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 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 34.1 | 50.8 | 51.4 | 51.7 | 52.0 | 52.2 | 52.4 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 53.4 |
| ≥ 20000 | 35.5 | 53.0 | 53.6 | 53.8 | 54.2 | 54.3 | 54.6 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 55.5 |
| ≥ 18000 | 35.6 | 53.1 | 53.7 | 54.0 | 54.3 | 54.4 | 54.7 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.6 |
| ≥ 16000 | 35.6 | 53.1 | 53.7 | 54.0 | 54.3 | 54.4 | 54.7 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.6 |
| ≥ 14000 | 35.8 | 54.3 | 54.9 | 55.2 | 55.5 | 55.6 | 55.9 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.9 |
| ≥ 12000 | 37.3 | 57.6 | 58.2 | 58.4 | 58.8 | 58.9 | 59.1 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 60.1 |
| ≥ 10000 | 37.9 | 58.9 | 59.6 | 59.9 | 60.2 | 60.5 | 60.7 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.7 |
| ≥ 9000 | 38.3 | 59.7 | 60.5 | 60.7 | 61.1 | 61.3 | 61.5 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.5 |
| ≥ 8000 | 38.7 | 60.3 | 61.1 | 61.3 | 61.7 | 61.9 | 62.1 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 63.1 |
| ≥ 7000 | 38.7 | 60.3 | 61.2 | 61.4 | 61.8 | 62.0 | 62.3 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 63.2 |
| ≥ 6000 | 39.2 | 61.1 | 61.9 | 62.1 | 62.5 | 62.7 | 63.0 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.9 |
| ≥ 5000 | 39.7 | 62.6 | 63.5 | 63.7 | 64.1 | 64.3 | 64.7 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.6 |
| ≥ 4500 | 39.9 | 63.1 | 63.9 | 64.3 | 64.7 | 64.9 | 65.3 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 66.2 |
| ≥ 4000 | 40.3 | 63.9 | 64.8 | 65.1 | 65.5 | 65.7 | 66.1 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 67.1 |
| ≥ 3500 | 41.0 | 65.7 | 66.6 | 66.9 | 67.3 | 67.5 | 67.9 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.9 |
| ≥ 3000 | 41.3 | 66.5 | 67.3 | 67.6 | 68.1 | 68.4 | 68.8 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.7 |
| ≥ 2500 | 42.3 | 68.0 | 68.9 | 69.4 | 69.7 | 70.0 | 70.3 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 71.3 |
| ≥ 2000 | 43.4 | 70.4 | 71.3 | 71.8 | 72.1 | 72.4 | 72.7 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.7 |
| ≥ 1800 | 43.4 | 70.6 | 71.5 | 72.0 | 72.4 | 72.6 | 73.0 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.9 |
| ≥ 1500 | 43.9 | 73.0 | 73.9 | 74.5 | 74.8 | 75.0 | 75.4 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 76.3 |
| ≥ 1200 | 44.0 | 74.2 | 75.4 | 76.0 | 76.4 | 76.7 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 78.0 |
| ≥ 1000 | 44.1 | 75.5 | 76.7 | 77.3 | 77.8 | 78.0 | 78.4 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 79.3 |
| ≥ 900 | 44.5 | 76.2 | 77.5 | 78.1 | 78.6 | 78.8 | 79.2 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 80.2 |
| ≥ 800 | 44.6 | 76.9 | 78.2 | 78.8 | 79.3 | 79.6 | 80.0 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 81.1 |
| ≥ 700 | 44.6 | 77.3 | 79.3 | 79.9 | 80.4 | 80.6 | 81.1 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 82.2 |
| ≥ 600 | 44.6 | 77.5 | 79.7 | 80.4 | 81.3 | 81.5 | 82.0 | 82.3 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 83.1 |
| ≥ 500 | 45.0 | 77.9 | 80.0 | 81.3 | 82.0 | 82.2 | 83.3 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 84.4 |
| ≥ 400 | 45.0 | 78.5 | 81.1 | 82.3 | 83.7 | 84.0 | 85.2 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 86.5 |
| ≥ 300 | 45.0 | 78.7 | 81.5 | 82.9 | 84.5 | 85.1 | 86.7 | 87.4 | 87.4 | 87.6 | 88.0 | 88.0 | 88.2 | 88.2 | 88.5 | 89.4 |
| ≥ 200 | 45.0 | 78.7 | 81.5 | 82.9 | 84.6 | 85.2 | 87.3 | 88.5 | 88.5 | 89.1 | 89.8 | 89.9 | 90.4 | 90.6 | 91.5 | 93.3 |
| ≥ 100 | 45.0 | 78.7 | 81.5 | 82.9 | 84.6 | 85.2 | 87.3 | 88.6 | 88.6 | 89.2 | 90.7 | 90.9 | 91.9 | 92.3 | 93.8 | 98.2 |
| ≥ 0 | 45.0 | 78.7 | 81.5 | 82.9 | 84.6 | 85.2 | 87.3 | 88.6 | 88.6 | 89.2 | 90.7 | 90.9 | 92.2 | 92.7 | 94.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 832

USAF ETAC FORM 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 48.4 | 51.4 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.2 | 52.3 | 52.3 | 52.5 |
| ≥ 20000 | 53.1 | 56.6 | 57.2 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.5 | 57.6 | 57.6 | 57.8 |
| ≥ 18000 | 53.4 | 56.9 | 57.5 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 | 58.0 | 58.0 | 58.2 |
| ≥ 16000 | 53.4 | 56.9 | 57.5 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 | 58.0 | 58.0 | 58.2 |
| ≥ 14000 | 54.5 | 58.1 | 58.6 | 58.8 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 59.0 | 59.1 | 59.1 | 59.3 |
| ≥ 12000 | 56.4 | 59.9 | 60.5 | 60.6 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.8 | 60.9 | 60.9 | 61.1 |
| ≥ 10000 | 56.7 | 60.2 | 60.8 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 | 61.3 | 61.3 | 61.5 |
| ≥ 9000 | 57.6 | 61.3 | 61.8 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.2 | 62.3 | 62.3 | 62.5 |
| ≥ 8000 | 58.6 | 62.3 | 62.8 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.3 | 63.3 | 63.5 |
| ≥ 7000 | 58.8 | 62.4 | 63.0 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.3 | 63.4 | 63.4 | 63.6 |
| ≥ 6000 | 59.5 | 63.2 | 63.8 | 63.9 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.2 | 64.2 | 64.4 |
| ≥ 5000 | 60.7 | 64.4 | 65.0 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.5 | 65.5 | 65.7 |
| ≥ 4500 | 60.9 | 64.7 | 65.2 | 65.3 | 65.3 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.6 | 65.7 | 65.7 | 65.9 |
| ≥ 4000 | 62.3 | 66.0 | 66.6 | 66.7 | 66.7 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.0 | 67.2 | 67.2 | 67.4 |
| ≥ 3500 | 63.2 | 67.0 | 67.6 | 67.7 | 67.7 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 | 68.2 | 68.2 | 68.4 |
| ≥ 3000 | 64.9 | 68.5 | 69.1 | 69.2 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.7 | 69.7 | 69.9 |
| ≥ 2500 | 66.3 | 70.6 | 71.1 | 71.4 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.8 | 71.8 | 72.0 |
| ≥ 2000 | 67.3 | 71.8 | 72.4 | 72.6 | 72.6 | 72.8 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 | 73.2 | 73.2 | 73.4 |
| ≥ 1800 | 67.5 | 72.2 | 72.7 | 73.0 | 73.0 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.4 | 73.5 | 73.5 | 73.8 |
| ≥ 1500 | 68.6 | 74.0 | 74.5 | 74.8 | 74.8 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.3 | 75.3 | 75.6 |
| ≥ 1200 | 69.3 | 75.3 | 75.9 | 76.1 | 76.1 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 | 76.7 | 76.7 | 76.9 |
| ≥ 1000 | 69.9 | 76.5 | 77.0 | 77.5 | 77.5 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 78.0 | 78.1 | 78.1 | 78.3 |
| ≥ 900 | 70.6 | 77.6 | 78.2 | 78.6 | 78.8 | 79.0 | 79.0 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.3 | 79.4 | 79.4 | 79.7 |
| ≥ 800 | 70.6 | 78.9 | 80.0 | 80.6 | 80.8 | 81.0 | 81.3 | 81.5 | 81.5 | 81.7 | 81.7 | 81.7 | 81.8 | 81.9 | 81.9 | 82.2 |
| ≥ 700 | 70.8 | 79.4 | 80.9 | 81.5 | 81.7 | 81.9 | 82.2 | 82.4 | 82.4 | 82.6 | 82.6 | 82.6 | 82.7 | 82.8 | 82.8 | 83.1 |
| ≥ 600 | 71.0 | 80.0 | 81.8 | 82.5 | 83.5 | 83.8 | 84.2 | 84.4 | 84.4 | 84.7 | 84.7 | 84.7 | 84.9 | 85.0 | 85.0 | 85.2 |
| ≥ 500 | 71.4 | 80.5 | 82.7 | 83.5 | 85.0 | 85.5 | 86.1 | 86.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.9 | 87.0 | 87.0 | 87.4 |
| ≥ 400 | 71.5 | 80.7 | 83.6 | 84.7 | 86.8 | 87.4 | 88.8 | 89.8 | 90.0 | 90.5 | 90.6 | 90.6 | 91.0 | 91.3 | 91.3 | 91.6 |
| ≥ 300 | 71.5 | 80.7 | 83.6 | 84.7 | 87.2 | 87.7 | 89.3 | 90.8 | 91.5 | 92.3 | 92.8 | 92.8 | 93.6 | 94.0 | 94.0 | 94.9 |
| ≥ 200 | 71.5 | 80.7 | 83.6 | 84.7 | 87.2 | 87.7 | 89.4 | 90.9 | 91.8 | 93.0 | 93.8 | 93.8 | 95.6 | 96.1 | 96.4 | 97.6 |
| ≥ 100 | 71.5 | 80.7 | 83.8 | 84.8 | 87.3 | 87.8 | 89.5 | 91.0 | 92.0 | 93.5 | 94.3 | 94.3 | 96.3 | 96.8 | 97.2 | 99.5 |
| ≥ 0 | 71.5 | 80.7 | 83.8 | 84.8 | 87.3 | 87.8 | 89.5 | 91.0 | 92.0 | 93.5 | 94.3 | 94.3 | 96.3 | 96.8 | 97.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 880

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (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 | 54.4 | 57.8 | 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 |
| ≥ 20000 | 59.5 | 63.9 | 64.1 | 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 |
| ≥ 18000 | 60.0 | 64.5 | 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 |
| ≥ 16000 | 60.1 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 14000 | 60.8 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 12000 | 63.3 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 10000 | 64.0 | 68.5 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 9000 | 64.9 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 8000 | 65.8 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 7000 | 67.0 | 71.5 | 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 |
| ≥ 6000 | 67.9 | 72.5 | 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 | 72.9 |
| ≥ 5000 | 69.5 | 74.3 | 74.6 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 4500 | 70.0 | 75.1 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 4000 | 70.7 | 75.7 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 3500 | 71.1 | 76.7 | 77.1 | 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 |
| ≥ 3000 | 72.8 | 78.2 | 78.6 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 2500 | 75.0 | 80.4 | 80.8 | 81.0 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 2000 | 76.3 | 81.9 | 82.5 | 82.7 | 82.8 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 1800 | 76.6 | 82.3 | 82.8 | 83.1 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 1500 | 78.5 | 84.2 | 84.9 | 85.2 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 1200 | 60.0 | 86.3 | 87.2 | 87.4 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 1000 | 80.8 | 87.6 | 88.6 | 89.0 | 89.1 | 89.3 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 900 | 81.4 | 88.6 | 89.7 | 90.1 | 90.3 | 90.4 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 800 | 81.5 | 89.6 | 90.9 | 91.5 | 91.7 | 91.8 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 700 | 81.7 | 89.9 | 91.4 | 91.9 | 92.6 | 92.7 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 600 | 82.2 | 91.5 | 92.9 | 93.5 | 94.2 | 94.4 | 94.6 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 500 | 82.6 | 92.1 | 94.1 | 94.8 | 95.6 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 400 | 82.6 | 92.6 | 94.9 | 95.6 | 96.8 | 97.2 | 97.6 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 300 | 82.6 | 92.6 | 94.9 | 95.6 | 97.0 | 97.4 | 98.2 | 98.8 | 98.8 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 82.6 | 92.6 | 94.9 | 95.6 | 97.0 | 97.4 | 98.2 | 98.8 | 98.8 | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 82.6 | 92.6 | 94.9 | 95.6 | 97.0 | 97.4 | 98.2 | 98.8 | 98.8 | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 82.6 | 92.6 | 94.9 | 95.6 | 97.0 | 97.4 | 98.2 | 98.8 | 98.8 | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 903

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (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 | 63.6 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 20000 | 71.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 18000 | 71.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 16000 | 71.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 14000 | 73.3 | 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 |
| ≥ 12000 | 75.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 10000 | 76.7 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 9000 | 77.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 8000 | 78.4 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 7000 | 79.4 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 6000 | 80.0 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 5000 | 81.4 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 4500 | 81.8 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 4000 | 82.4 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 3500 | 84.0 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 3000 | 84.5 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 2500 | 85.1 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 2000 | 85.7 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 1800 | 85.9 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 1500 | 87.0 | 92.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 1200 | 88.3 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1000 | 88.5 | 94.9 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 900 | 88.5 | 95.0 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 800 | 88.8 | 95.5 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 700 | 89.1 | 96.2 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 600 | 89.4 | 96.6 | 97.3 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 500 | 89.4 | 96.6 | 97.8 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 89.4 | 97.1 | 98.5 | 99.1 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 89.4 | 97.1 | 98.5 | 99.1 | 99.4 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 89.4 | 97.1 | 98.7 | 99.2 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 89.4 | 97.1 | 98.7 | 99.2 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 89.4 | 97.1 | 98.7 | 99.2 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 894

USAF ETAC FORM JUL 80 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 47.3 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 20000 | 50.7 | 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 | 74.9 | 74.9 |
| ≥ 18000 | 50.9 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 16000 | 51.2 | 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 | 75.9 | 75.9 |
| ≥ 14000 | 52.3 | 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 | 77.4 | 77.4 |
| ≥ 12000 | 53.2 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 10000 | 53.9 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 9000 | 54.3 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 8000 | 54.6 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 7000 | 55.4 | 83.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 6000 | 55.9 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 5000 | 57.0 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 4500 | 57.4 | 87.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 4000 | 57.6 | 87.5 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 3500 | 58.0 | 88.6 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 3000 | 58.3 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 2500 | 58.6 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 2000 | 59.2 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 1800 | 59.2 | 92.1 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1500 | 60.1 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 1200 | 60.1 | 94.3 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1000 | 60.1 | 94.3 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 900 | 60.2 | 94.6 | 95.3 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 800 | 60.2 | 94.7 | 95.6 | 96.4 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 700 | 60.2 | 94.7 | 95.6 | 96.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 600 | 60.3 | 94.9 | 96.2 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 500 | 60.4 | 95.1 | 96.3 | 97.3 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 400 | 60.4 | 95.2 | 96.4 | 97.6 | 98.3 | 98.4 | 98.5 | 98.5 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 300 | 60.4 | 95.3 | 96.5 | 97.9 | 98.4 | 98.5 | 98.8 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 60.4 | 95.3 | 96.5 | 97.9 | 98.4 | 98.5 | 98.9 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 60.4 | 95.3 | 96.5 | 97.9 | 98.4 | 98.5 | 98.9 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 60.4 | 95.3 | 96.5 | 97.9 | 98.4 | 98.5 | 98.9 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 809

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (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 | 33.3 | 68.5 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.6 | 68.9 | 68.9 |
| ≥ 20000 | 34.7 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 |
| ≥ 18000 | 34.7 | 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 | 72.6 | 72.6 |
| ≥ 16000 | 34.8 | 72.3 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 |
| ≥ 14000 | 35.6 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.2 | 74.2 |
| ≥ 12000 | 36.3 | 76.2 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.6 | 76.6 |
| ≥ 10000 | 36.5 | 78.3 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 |
| ≥ 9000 | 36.5 | 78.7 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 |
| ≥ 8000 | 36.7 | 79.4 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.9 | 79.9 |
| ≥ 7000 | 37.2 | 79.9 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.5 | 80.5 |
| ≥ 6000 | 37.5 | 80.2 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 |
| ≥ 5000 | 38.0 | 82.2 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 |
| ≥ 4500 | 38.2 | 83.1 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.7 | 83.7 |
| ≥ 4000 | 38.2 | 83.9 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 |
| ≥ 3500 | 38.7 | 85.3 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 |
| ≥ 3000 | 39.0 | 86.2 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.9 | 86.9 |
| ≥ 2500 | 39.0 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 |
| ≥ 2000 | 39.6 | 88.9 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 |
| ≥ 1800 | 39.6 | 89.2 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 90.0 | 90.0 |
| ≥ 1500 | 40.4 | 90.1 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.3 | 91.3 |
| ≥ 1200 | 40.6 | 91.0 | 91.7 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.6 | 92.6 |
| ≥ 1000 | 40.6 | 91.6 | 92.6 | 93.2 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.8 | 93.8 |
| ≥ 900 | 40.6 | 91.7 | 92.9 | 93.6 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.6 | 94.6 |
| ≥ 800 | 40.6 | 91.7 | 92.9 | 93.6 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.6 | 94.6 |
| ≥ 700 | 40.7 | 91.8 | 93.3 | 94.1 | 94.2 | 94.2 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.3 | 95.3 |
| ≥ 600 | 40.8 | 92.1 | 93.6 | 94.4 | 94.5 | 94.6 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.7 | 95.7 |
| ≥ 500 | 40.8 | 92.4 | 93.8 | 94.6 | 94.9 | 95.2 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.3 | 96.3 |
| ≥ 400 | 40.8 | 92.6 | 94.2 | 95.2 | 95.4 | 96.0 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.3 | 97.3 |
| ≥ 300 | 40.8 | 93.0 | 94.6 | 95.6 | 96.1 | 96.7 | 97.5 | 97.5 | 97.6 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 98.3 | 98.3 |
| ≥ 200 | 40.8 | 93.0 | 94.6 | 95.6 | 96.5 | 97.1 | 98.0 | 98.3 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 99.2 | 99.2 |
| ≥ 100 | 40.8 | 93.0 | 94.6 | 95.6 | 96.5 | 97.1 | 98.0 | 98.3 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 99.2 | 99.7 |
| ≥ 0 | 40.8 | 93.0 | 94.6 | 95.6 | 96.5 | 97.1 | 98.0 | 98.3 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 747

USAF ETAC FORM JUL 66 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (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 | 42.5 | 60.5 | 60.8 | 60.9 | 61.0 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.4 |
| ≥ 20000 | 45.3 | 65.2 | 65.4 | 65.6 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 66.0 |
| ≥ 18000 | 46.0 | 65.5 | 65.8 | 65.9 | 66.0 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.4 |
| ≥ 16000 | 46.1 | 65.6 | 65.9 | 66.1 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 | 66.4 | 66.5 |
| ≥ 14000 | 46.9 | 67.1 | 67.4 | 67.6 | 67.6 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 68.0 |
| ≥ 12000 | 48.3 | 69.4 | 69.7 | 69.8 | 69.9 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.3 |
| ≥ 10000 | 48.9 | 70.8 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.7 |
| ≥ 9000 | 49.4 | 71.6 | 71.9 | 72.0 | 72.1 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 | 72.5 |
| ≥ 8000 | 49.9 | 72.4 | 72.7 | 72.9 | 73.0 | 73.0 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.4 |
| ≥ 7000 | 50.4 | 72.9 | 73.3 | 73.4 | 73.5 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.8 | 73.9 |
| ≥ 6000 | 50.9 | 73.5 | 73.9 | 74.1 | 74.1 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.5 |
| ≥ 5000 | 51.8 | 75.3 | 75.7 | 75.9 | 76.0 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.4 |
| ≥ 4500 | 52.0 | 75.9 | 76.3 | 76.5 | 76.6 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 77.0 |
| ≥ 4000 | 52.5 | 76.7 | 77.1 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.9 |
| ≥ 3500 | 53.2 | 77.9 | 78.3 | 78.5 | 78.6 | 78.8 | 78.8 | 76.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.1 |
| ≥ 3000 | 53.8 | 78.9 | 79.4 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 | 80.2 |
| ≥ 2500 | 54.6 | 80.4 | 80.9 | 81.1 | 81.3 | 81.4 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.8 |
| ≥ 2000 | 55.4 | 82.3 | 82.8 | 83.1 | 83.2 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.8 |
| ≥ 1800 | 55.9 | 82.6 | 83.2 | 83.5 | 83.6 | 83.8 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.2 |
| ≥ 1500 | 56.5 | 84.3 | 85.0 | 85.3 | 85.4 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 86.0 |
| ≥ 1200 | 57.0 | 85.7 | 86.5 | 86.8 | 87.0 | 87.2 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5 | 87.6 |
| ≥ 1000 | 57.2 | 86.5 | 87.4 | 87.8 | 88.0 | 88.2 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.6 |
| ≥ 900 | 57.5 | 87.1 | 88.1 | 88.6 | 88.8 | 89.0 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.5 |
| ≥ 800 | 57.6 | 87.7 | 88.8 | 89.4 | 89.6 | 89.8 | 90.0 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.4 |
| ≥ 700 | 57.8 | 88.1 | 89.4 | 90.0 | 90.4 | 90.6 | 90.8 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.2 |
| ≥ 600 | 58.0 | 88.7 | 90.1 | 90.8 | 91.4 | 91.6 | 91.9 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.3 |
| ≥ 500 | 58.2 | 89.0 | 90.7 | 91.4 | 92.2 | 92.5 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.3 | 93.4 |
| ≥ 400 | 58.2 | 89.5 | 91.4 | 92.3 | 93.3 | 93.7 | 94.3 | 94.6 | 94.7 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.1 | 95.2 |
| ≥ 300 | 58.2 | 89.7 | 91.7 | 92.6 | 93.8 | 94.2 | 95.0 | 95.4 | 95.6 | 95.8 | 96.0 | 96.0 | 96.2 | 96.2 | 96.4 | 96.7 |
| ≥ 200 | 58.2 | 89.7 | 91.7 | 92.7 | 94.0 | 94.4 | 95.3 | 96.0 | 96.1 | 96.6 | 96.8 | 96.9 | 97.3 | 97.4 | 97.7 | 98.2 |
| ≥ 100 | 58.2 | 89.8 | 91.8 | 92.7 | 94.0 | 94.5 | 95.4 | 96.1 | 96.3 | 96.8 | 97.2 | 97.2 | 97.8 | 97.9 | 98.3 | 99.4 |
| ≥ 0 | 58.2 | 89.8 | 91.8 | 92.7 | 94.0 | 94.5 | 95.4 | 96.1 | 96.3 | 96.8 | 97.2 | 97.3 | 97.8 | 98.0 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6278

USAF ETAC FORM JUL 68 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY SIGNIFICANT.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

# SKY COVER

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 37.8 | | | 13.6 | | | | | | 10.2 | 38.4 | 5.2 | 619 |
| | 03-05 | 33.7 | | | 10.4 | | | | | | 9.6 | 46.4 | 5.8 | 617 |
| | 06-08 | 22.2 | | | 15.8 | | | | | | 13.3 | 48.7 | 6.5 | 874 |
| | 09-11 | 15.9 | | | 18.8 | | | | | | 13.5 | 51.7 | 7.0 | 903 |
| | 12-14 | 19.7 | | | 21.4 | | | | | | 18.3 | 41.6 | 6.4 | 924 |
| | 15-17 | 18.7 | | | 22.4 | | | | | | 21.3 | 37.6 | 6.4 | 920 |
| | 18-20 | 21.5 | | | 22.8 | | | | | | 19.8 | 35.9 | 6.1 | 804 |
| | 21-23 | 34.5 | | | 17.2 | | | | | | 10.4 | 37.9 | 5.2 | 750 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.4 | | | 17.8 | | | | | | 14.6 | 42.3 | 6.1 | 6411 |

USAFETAC FORM JUL 64 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 41.9 | | | 14.4 | | | | | | 12.7 | 31.0 | 4.7 | 606 |
| | 03-05 | 39.1 | | | 11.8 | | | | | | 9.2 | 39.8 | 5.2 | 608 |
| | 06-08 | 25.7 | | | 19.6 | | | | | | 10.8 | 43.9 | 6.0 | 806 |
| | 09-11 | 20.0 | | | 18.8 | | | | | | 14.1 | 47.0 | 6.5 | 834 |
| | 12-14 | 22.7 | | | 24.1 | | | | | | 17.7 | 35.4 | 5.9 | 841 |
| | 15-17 | 20.9 | | | 32.1 | | | | | | 17.1 | 29.9 | 5.5 | 837 |
| | 18-20 | 24.6 | | | 29.9 | | | | | | 16.0 | 29.5 | 5.3 | 752 |
| | 21-23 | 40.9 | | | 17.7 | | | | | | 12.7 | 28.7 | 4.5 | 727 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 29.5 | | | 21.1 | | | | | | 13.8 | 35.7 | 5.5 | 6011 |

USAFETAC FORM /UL 64 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 38.8 | | | 19.2 | | | | | | 12.2 | 29.8 | 4.7 | 707 |
| | 03-05 | 32.7 | | | 15.4 | | | | | | 9.0 | 42.8 | 5.6 | 719 |
| | 06-08 | 17.8 | | | 23.6 | | | | | | 14.0 | 44.6 | 6.4 | 891 |
| | 09-11 | 17.5 | | | 22.9 | | | | | | 15.2 | 44.4 | 6.5 | 919 |
| | 12-14 | 19.3 | | | 29.0 | | | | | | 20.4 | 31.3 | 5.8 | 927 |
| | 15-17 | 19.6 | | | 28.9 | | | | | | 23.6 | 27.8 | 5.8 | 923 |
| | 18-20 | 22.9 | | | 27.4 | | | | | | 25.0 | 24.7 | 5.5 | 837 |
| | 21-23 | 38.1 | | | 25.1 | | | | | | 14.4 | 22.4 | 4.3 | 833 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.8 | | | 23.9 | | | | | | 16.7 | 33.5 | 5.6 | 6756 |

USAFETAC FORM JUL 84 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 31.8 | | | 19.3 | | | | | | 14.8 | 34.1 | 5.3 | 683 |
| | 03-05 | 26.0 | | | 15.9 | | | | | | 12.6 | 45.4 | 6.2 | 696 |
| | 06-08 | 14.3 | | | 17.3 | | | | | | 19.4 | 49.1 | 7.2 | 868 |
| | 09-11 | 16.1 | | | 21.1 | | | | | | 16.0 | 46.8 | 6.8 | 895 |
| | 12-14 | 17.8 | | | 27.6 | | | | | | 19.8 | 34.9 | 6.1 | 900 |
| | 15-17 | 18.0 | | | 28.8 | | | | | | 25.5 | 27.7 | 5.9 | 895 |
| | 18-20 | 19.4 | | | 27.6 | | | | | | 25.0 | 28.1 | 5.9 | 809 |
| | 21-23 | 31.6 | | | 26.4 | | | | | | 14.0 | 27.9 | 4.9 | 798 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 21.9 | | | 23.0 | | | | | | 18.4 | 36.8 | 6.0 | 6544 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (PERIOD) MAY (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 | | |
| MAY | 00-02 | 31.8 | | | 22.3 | | | | | | 15.7 | 30.2 | 5.1 | 655 |
| | 03-05 | 19.8 | | | 18.5 | | | | | | 17.4 | 44.3 | 6.5 | 702 |
| | 06-08 | 9.2 | | | 17.7 | | | | | | 23.1 | 50.1 | 7.6 | 883 |
| | 09-11 | 11.8 | | | 21.0 | | | | | | 22.4 | 44.8 | 7.1 | 915 |
| | 12-14 | 13.9 | | | 33.9 | | | | | | 26.9 | 25.3 | 6.0 | 924 |
| | 15-17 | 12.9 | | | 37.8 | | | | | | 28.0 | 21.3 | 5.8 | 912 |
| | 18-20 | 12.7 | | | 33.5 | | | | | | 29.6 | 24.2 | 6.1 | 810 |
| | 21-23 | 30.9 | | | 26.9 | | | | | | 17.7 | 24.5 | 4.9 | 767 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.9 | | | 26.5 | | | | | | 22.6 | 33.1 | 6.1 | 6568 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 50.3 | | | 22.4 | | | | | | 12.2 | 15.0 | 3.3 | 638 |
| | 03-05 | 32.3 | | | 22.0 | | | | | | 19.1 | 26.6 | 5.0 | 687 |
| | 06-08 | 12.3 | | | 24.0 | | | | | | 22.7 | 40.9 | 6.9 | 853 |
| | 09-11 | 12.2 | | | 31.6 | | | | | | 25.6 | 30.5 | 6.3 | 891 |
| | 12-14 | 11.7 | | | 54.7 | | | | | | 22.4 | 11.2 | 4.8 | 899 |
| | 15-17 | 13.7 | | | 57.8 | | | | | | 21.1 | 7.4 | 4.4 | 886 |
| | 18-20 | 20.0 | | | 42.5 | | | | | | 26.0 | 11.5 | 4.8 | 816 |
| | 21-23 | 41.0 | | | 31.7 | | | | | | 13.8 | 13.5 | 3.5 | 761 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 24.2 | | | 35.8 | | | | | | 20.4 | 19.6 | 4.9 | 6431 |

USAFETAC FORM JUL 64 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (PERIOD) JUL (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 | | |
| JUL | 00-02 | 54.7 | | | 21.5 | | | | | | 11.0 | 12.8 | 2.9 | 665 |
| | 03-05 | 46.4 | | | 23.3 | | | | | | 14.6 | 15.6 | 3.6 | 704 |
| | 06-08 | 17.0 | | | 35.2 | | | | | | 19.3 | 28.5 | 5.6 | 881 |
| | 09-11 | 15.9 | | | 36.4 | | | | | | 24.5 | 23.3 | 5.6 | 916 |
| | 12-14 | 8.7 | | | 57.8 | | | | | | 22.5 | 11.0 | 4.9 | 924 |
| | 15-17 | 6.4 | | | 58.7 | | | | | | 26.2 | 8.8 | 5.0 | 912 |
| | 18-20 | 10.2 | | | 57.2 | | | | | | 22.1 | 10.5 | 4.8 | 859 |
| | 21-23 | 41.5 | | | 35.3 | | | | | | 13.0 | 10.2 | 3.3 | 805 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.1 | | | 40.7 | | | | | | 19.2 | 15.1 | 4.5 | 6666 |

GLOBAL CLIMATOLOGY BRANCH
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# SKY COVER

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | 54.1 | | | 26.5 | | | | | | 14.1 | 5.4 | 2.6 | 669 |
| | 03-05 | 51.1 | | | 22.6 | | | | | | 14.2 | 12.1 | 3.2 | 704 |
| | 06-08 | 17.2 | | | 40.3 | | | | | | 21.9 | 20.7 | 5.2 | 886 |
| | 09-11 | 13.3 | | | 41.2 | | | | | | 26.7 | 18.7 | 5.5 | 924 |
| | 12-14 | 7.5 | | | 58.4 | | | | | | 25.2 | 8.9 | 4.9 | 930 |
| | 15-17 | 4.3 | | | 63.2 | | | | | | 25.5 | 7.0 | 4.9 | 916 |
| | 18-20 | 12.1 | | | 55.9 | | | | | | 24.7 | 7.3 | 4.6 | 859 |
| | 21-23 | 42.4 | | | 35.0 | | | | | | 15.5 | 7.2 | 3.2 | 795 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.3 | | | 42.9 | | | | | | 21.0 | 10.9 | 4.3 | 6683 |

USAFETAC FORM JUL 64 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# SKY COVER

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 45.3 | | | 24.1 | | | | | | 11.0 | 19.6 | 3.7 | 547 |
| | 03-05 | 47.1 | | | 20.2 | | | | | | 11.9 | 20.8 | 3.8 | 639 |
| | 06-08 | 19.5 | | | 24.7 | | | | | | 22.0 | 33.8 | 6.1 | 841 |
| | 09-11 | 16.0 | | | 29.6 | | | | | | 26.9 | 27.5 | 6.1 | 881 |
| | 12-14 | 12.6 | | | 46.6 | | | | | | 25.8 | 14.9 | 5.2 | 894 |
| | 15-17 | 12.5 | | | 49.4 | | | | | | 25.9 | 12.2 | 5.0 | 878 |
| | 18-20 | 20.5 | | | 42.5 | | | | | | 22.9 | 14.1 | 4.7 | 815 |
| | 21-23 | 42.8 | | | 29.7 | | | | | | 12.9 | 14.5 | 3.5 | 750 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 27.0 | | | 33.4 | | | | | | 19.9 | 19.7 | 4.8 | 6245 |

GLOBAL CLIMATOLOGY BRANCH
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# SKY COVER

722615 STATION | LAUGHLIN AFB TX STATION NAME | 69-70,73-80 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 | 57.9 | | | 19.2 | | | | | | 6.6 | 16.3 | 2.8 | 577 |
| | 03-05 | 45.1 | | | 20.5 | | | | | | 9.9 | 24.6 | 4.0 | 659 |
| | 06-08 | 22.3 | | | 26.8 | | | | | | 13.8 | 37.2 | 5.8 | 871 |
| | 09-11 | 17.2 | | | 27.3 | | | | | | 19.5 | 36.1 | 6.2 | 909 |
| | 12-14 | 20.3 | | | 38.8 | | | | | | 19.8 | 21.0 | 5.1 | 917 |
| | 15-17 | 23.6 | | | 40.3 | | | | | | 19.9 | 16.2 | 4.6 | 908 |
| | 18-20 | 34.9 | | | 34.4 | | | | | | 15.4 | 15.3 | 3.9 | 845 |
| | 21-23 | 52.2 | | | 24.1 | | | | | | 7.9 | 15.7 | 3.0 | 781 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | TOTALS | 34.2 | | | 28.9 | | | | | | 14.1 | 22.8 | 4.4 | 6467 |

GLOBAL CLIMATOLOGY BRANCH
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# SKY COVER

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 51.7 | | | 18.6 | | | | | | 6.4 | 23.3 | 3.5 | 596 |
| | 03-05 | 49.1 | | | 11.9 | | | | | | 6.3 | 32.7 | 4.2 | 572 |
| | 06-08 | 34.4 | | | 18.0 | | | | | | 9.8 | 37.8 | 5.2 | 837 |
| | 09-11 | 26.0 | | | 20.6 | | | | | | 13.4 | 40.1 | 5.8 | 866 |
| | 12-14 | 29.7 | | | 26.9 | | | | | | 18.7 | 24.6 | 5.0 | 891 |
| | 15-17 | 29.5 | | | 29.8 | | | | | | 21.1 | 19.6 | 4.8 | 889 |
| | 18-20 | 38.7 | | | 28.0 | | | | | | 14.3 | 19.0 | 4.0 | 820 |
| | 21-23 | 53.0 | | | 18.8 | | | | | | 10.5 | 17.7 | 3.3 | 741 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 39.0 | | | 21.6 | | | | | | 12.6 | 26.9 | 4.5 | 6212 |

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# SKY COVER

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 | 43.4 | | | 18.0 | | | | | | 9.2 | 29.3 | 4.3 | 617 |
| | 03-05 | 40.6 | | | 14.6 | | | | | | 6.8 | 38.0 | 4.9 | 589 |
| | 06-08 | 27.3 | | | 20.4 | | | | | | 12.3 | 39.9 | 5.7 | 827 |
| | 09-11 | 23.0 | | | 21.1 | | | | | | 14.8 | 41.0 | 6.1 | 877 |
| | 12-14 | 22.1 | | | 25.0 | | | | | | 18.4 | 34.4 | 5.9 | 900 |
| | 15-17 | 26.4 | | | 27.0 | | | | | | 22.1 | 24.5 | 5.3 | 894 |
| | 18-20 | 31.9 | | | 27.4 | | | | | | 18.7 | 22.0 | 4.7 | 808 |
| | 21-23 | 43.0 | | | 19.2 | | | | | | 13.3 | 24.5 | 4.2 | 746 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | TOTALS | 32.2 | | | 21.6 | | | | | | 14.5 | 31.7 | 5.1 | 6258 |

USAFETAC FORM JUL 64 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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# SKY COVER

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-81 (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 | 25.4 | | | 17.8 | | | | | | 14.6 | 42.3 | 6.1 | 6411 |
| FEB | | 29.5 | | | 21.1 | | | | | | 13.8 | 35.7 | 5.5 | 6011 |
| MAR | | 25.8 | | | 23.9 | | | | | | 16.7 | 33.5 | 5.6 | 6756 |
| APR | | 21.9 | | | 23.0 | | | | | | 18.4 | 36.8 | 6.0 | 6544 |
| MAY | | 17.9 | | | 26.5 | | | | | | 22.6 | 33.1 | 6.1 | 6568 |
| JUN | | 24.2 | | | 35.8 | | | | | | 20.4 | 19.6 | 4.9 | 6431 |
| JUL | | 25.1 | | | 40.7 | | | | | | 19.2 | 15.1 | 4.5 | 6666 |
| AUG | | 25.3 | | | 42.9 | | | | | | 21.0 | 10.9 | 4.3 | 6683 |
| SEP | | 27.0 | | | 33.4 | | | | | | 19.9 | 19.7 | 4.8 | 6245 |
| OCT | | 34.2 | | | 28.9 | | | | | | 14.1 | 22.8 | 4.4 | 6467 |
| NOV | | 39.0 | | | 21.6 | | | | | | 12.6 | 26.9 | 4.5 | 6212 |
| DEC | | 32.2 | | | 21.6 | | | | | | 14.5 | 31.7 | 5.1 | 6258 |
| TOTALS | | 27.3 | | | 28.1 | | | | | | 17.3 | 27.3 | 5.2 | 77252 |

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APPLICATIONS CENTER

# 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 presentations 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 deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

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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 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 spread vertically. Also provided for each of the dry-bulb intervals 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 be continued on several pages.

      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 computation 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 tabulation 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 combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and 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.

GLOBAL CLIMATOLOGY BRANCH
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72261F LAUGHLIN AFB TX 43-45, 53-81
STATION STATION NAME YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥110 | | | | | | .1 | .1 | | | | | | .0 |
| ≥105 | | | | | | 1.8 | 2.1 | .7 | | | | | .4 |
| ≥100 | | | .3 | .3 | 1.9 | 9.2 | 23.1 | 17.5 | 2.9 | .3 | | | 4.9 |
| ≥95 | | | 1.1 | 4.4 | 12.2 | 40.8 | 64.4 | 61.4 | 21.6 | 1.6 | | | 18.0 |
| ≥90 | | .6 | 4.6 | 17.0 | 36.7 | 76.6 | 88.7 | 86.9 | 57.7 | 9.1 | .4 | .1 | 32.5 |
| ≥85 | .3 | 3.8 | 14.2 | 42.0 | 65.0 | 92.9 | 96.9 | 95.3 | 80.7 | 32.1 | 3.4 | .6 | 45.0 |
| ≥80 | 2.8 | 11.6 | 32.6 | 65.3 | 86.2 | 97.2 | 99.3 | 98.7 | 91.6 | 59.9 | 11.4 | 1.4 | 56.0 |
| ≥75 | 9.8 | 22.9 | 52.5 | 84.0 | 95.9 | 99.8 | 99.8 | 99.8 | 96.4 | 81.5 | 34.2 | 9.6 | 66.5 |
| ≥70 | 21.3 | 40.5 | 71.0 | 93.4 | 98.7 | 100.0 | 100.0 | 100.0 | 98.6 | 91.8 | 56.7 | 24.4 | 75.5 |
| ≥65 | 37.3 | 57.3 | 83.2 | 97.4 | 99.8 | | | | 99.5 | 96.4 | 72.7 | 43.5 | 82.8 |
| ≥60 | 57.5 | 72.4 | 91.5 | 99.0 | 100.0 | | | | 99.8 | 98.9 | 85.0 | 66.4 | 89.6 |
| ≥55 | 71.9 | 82.9 | 95.8 | 99.8 | | | | | 99.9 | 99.8 | 92.7 | 81.0 | 93.9 |
| ≥50 | 82.9 | 92.4 | 98.3 | 100.0 | | | | | 100.0 | 99.9 | 97.3 | 91.0 | 96.9 |
| ≥45 | 91.9 | 97.9 | 99.8 | | | | | | | 100.0 | 99.3 | 96.0 | 98.8 |
| ≥40 | 97.4 | 99.3 | 100.0 | | | | | | | | 99.8 | 99.0 | 99.6 |
| ≥35 | 99.2 | 99.9 | | | | | | | | | 100.0 | 99.9 | 99.9 |
| ≥30 | 99.8 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| ≥25 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 60.6 | 66.0 | 74.2 | 82.1 | 86.8 | 92.8 | 95.7 | 95.0 | 89.3 | 80.5 | 69.6 | 62.7 | 79.6 |
| S.D. | 10.739 | 10.943 | 10.150 | 7.877 | 6.658 | 5.650 | 5.179 | 5.247 | 6.776 | 7.497 | 9.337 | 9.310 | 14.660 |
| TOTAL OBS. | 916 | 843 | 945 | 926 | 951 | 932 | 983 | 992 | 917 | 926 | 891 | 904 | 11126 |

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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722615 LAUGHLIN AFB TX 43-45, 53-81
STATION STATION NAME YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP (°F) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ [illegible] | | | | | .1 | .6 | .5 | .3 | | | | | .1 |
| ≥ 80 | | | | | .5 | 4.1 | 10.0 | 7.2 | .9 | | | | 2.0 |
| ≥ 75 | | | .1 | .2 | 7.3 | 38.5 | 63.4 | 58.2 | 21.5 | 2.1 | .1 | | 16.6 |
| ≥ 70 | | | .5 | 10.4 | 35.1 | 80.9 | 97.6 | 94.2 | 64.6 | 15.9 | .9 | | 34.4 |
| ≥ 65 | .3 | .4 | 6.8 | 34.0 | 71.1 | 95.9 | 99.9 | 99.9 | 83.8 | 37.6 | 5.5 | .4 | 45.8 |
| ≥ 60 | 2.7 | 5.3 | 22.5 | 59.5 | 89.2 | 98.6 | 100.0 | 100.0 | 95.1 | 57.2 | 16.2 | 2.4 | 55.2 |
| ≥ 55 | 6.0 | 15.1 | 41.2 | 78.8 | 97.0 | 99.9 | | | 98.5 | 75.4 | 30.8 | 9.0 | 63.7 |
| ≥ 50 | 16.4 | 31.0 | 58.7 | 90.7 | 98.9 | 100.0 | | | 99.8 | 89.6 | 49.0 | 21.1 | 72.1 |
| ≥ 45 | 29.7 | 49.8 | 77.2 | 96.1 | 99.9 | | | | 100.0 | 96.9 | 69.0 | 36.1 | 80.2 |
| ≥ 40 | 52.0 | 70.7 | 89.4 | 98.9 | 100.0 | | | | | 99.2 | 83.4 | 58.8 | 88.1 |
| ≥ 35 | 73.8 | 85.3 | 96.1 | 99.7 | | | | | | 99.8 | 93.4 | 81.6 | 94.3 |
| ≥ 33 | 79.7 | 89.9 | 97.5 | 99.8 | | | | | | 100.0 | 96.0 | 87.3 | 96.0 |
| ≥ 30 | 88.1 | 95.4 | 98.9 | 100.0 | | | | | | | 98.4 | 93.5 | 97.9 |
| ≥ 25 | 95.1 | 98.8 | 100.0 | | | | | | | | 99.6 | 99.0 | 99.4 |
| ≥ 20 | 98.8 | 99.8 | | | | | | | | | 100.0 | 99.9 | 99.9 |
| ≥ 15 | 99.8 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| ≥ 10 | 99.9 | | | | | | | | | | | | 100.0 |
| ≥ 5 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 40.1 | 44.5 | 51.5 | 60.4 | 67.0 | 72.9 | 75.4 | 74.9 | 70.2 | 60.6 | 49.3 | 42.1 | 59.1 |
| S.D. | 9.253 | 9.119 | 9.140 | 7.715 | 5.869 | 4.494 | 3.184 | 3.391 | 5.574 | 8.338 | 9.548 | 8.548 | 14.588 |
| TOTAL OBS | 916 | 843 | 945 | 926 | 951 | 931 | 983 | 992 | 917 | 926 | 891 | 904 | 11125 |

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# DAILY TEMPERATURES

722615 LAUGHLIN AFB TX 53-81
STATION STATION NAME 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 95 | | | | | | .5 | .3 | | | | | | .1 |
| ≥ 90 | | | | | .5 | 6.4 | 13.4 | 9.5 | .4 | | | | 2.6 |
| ≥ 85 | | | .2 | .7 | 7.2 | 40.4 | 65.5 | 59.5 | 19.0 | .8 | | | 16.6 |
| ≥ 80 | | | 1.5 | 10.8 | 34.4 | 79.4 | 94.0 | 90.9 | 61.9 | 10.5 | | | 32.6 |
| ≥ 75 | | .4 | 8.0 | 35.4 | 69.9 | 95.2 | 99.1 | 98.8 | 86.1 | 35.4 | 1.8 | | 44.9 |
| ≥ 70 | .8 | 5.7 | 24.8 | 64.1 | 91.6 | 99.3 | 99.9 | 99.8 | 95.3 | 58.8 | 12.3 | .6 | 55.1 |
| ≥ 65 | 5.4 | 15.5 | 47.0 | 84.8 | 98.1 | 100.0 | 100.0 | 100.0 | 98.6 | 80.9 | 30.9 | 7.2 | 64.7 |
| ≥ 60 | 17.1 | 34.6 | 65.9 | 93.7 | 100.0 | | | | 99.5 | 93.2 | 55.0 | 21.0 | 73.8 |
| ≥ 55 | 33.4 | 54.0 | 81.4 | 98.6 | | | | | 99.9 | 98.1 | 73.6 | 40.4 | 82.0 |
| ≥ 50 | 54.8 | 73.4 | 92.2 | 99.8 | | | | | 100.0 | 99.9 | 86.6 | 67.5 | 89.7 |
| ≥ 45 | 75.1 | 88.9 | 97.5 | 100.0 | | | | | | 100.0 | 95.2 | 85.4 | 95.2 |
| ≥ 40 | 88.8 | 95.8 | 98.8 | | | | | | | | 98.9 | 95.1 | 98.1 |
| ≥ 35 | 96.0 | 99.2 | 100.0 | | | | | | | | 99.8 | 99.6 | 99.6 |
| ≥ 30 | 98.9 | 100.0 | | | | | | | | | 100.0 | 100.0 | 99.9 |
| ≥ 25 | 99.8 | | | | | | | | | | | | 100.0 |
| ≥ 20 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 50.5 | 55.3 | 62.9 | 71.4 | 77.1 | 83.0 | 85.6 | 85.0 | 80.0 | 70.9 | 59.7 | 52.8 | 69.5 |
| S.D. | 6.971 | 6.898 | 8.799 | 6.789 | 5.388 | 4.672 | 3.852 | 3.884 | 5.457 | 7.155 | 8.372 | 7.669 | 14.163 |
| TOTAL OBS. | 854 | 783 | 864 | 836 | 858 | 841 | 890 | 899 | 833 | 864 | 831 | 842 | 10195 |

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722615 STATION — LAUGHLIN AFB TX STATION NAME — 43-45, 53-81 YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT | NOV. | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | * | 67* | 91 | 97 | 99 | 101 | 105 | 107 | 99 | 88 | 84 | 74 | |
| 44 | 77 | 81 | 89 | 95 | 97 | 99 | 110 | 104 | 97 | 90 | 84 | 72 | 110 |
| 45 | 79 | 86 | 89 | 97 | 101 | 105 | 105 | 106* | 102 | | | | |
| 53 | | | | | * | 102 | 102 | 105 | 102 | 94 | 85 | 74 | |
| 54 | 80 | 92 | 102 | 90 | 95 | 99 | 109 | 102 | 100 | 94 | 85 | 83 | 109 |
| 55 | 77 | 79 | 96 | 98 | 102 | 101 | 101 | 102 | 94 | 95 | 90 | 89 | 102 |
| 56 | 80 | 88 | 95 | 95 | 98 | 105 | 101 | 102 | 99 | 102 | 81 | 79 | 105 |
| 57 | 78 | 93 | 88 | 91 | 97 | 100 | 104 | 103 | 98 | 92 | 81 | 76 | 104 |
| 58 | 77 | 79 | 78 | 98 | 97 | 101 | 101 | 101 | 96 | 92 | 84 | 79 | 101 |
| 59 | 82 | 93 | 90 | 92 | 99 | 100 | 101 | 102 | 103 | 92 | 85 | 77 | 103 |
| 60 | 80 | 92 | 90 | 96 | 99 | 108 | 108 | 99 | 100 | 97 | 85 | 70 | 108 |
| 61 | 75 | 81 | 89 | 95 | 98 | 98 | 97 | 97 | 99 | 90 | 84 | 76 | 99 |
| 62 | 78 | 89 | 87 | 95 | 97 | 97 | 103 | 104 | 103 | 95 | 86 | 76 | 104 |
| 63 | 83 | 89 | 93 | 101 | 92 | 98 | 101 | 100 | 103 | 90 | 88* | 76 | 103 |
| 64 | * 76* | 73* | 84* | 94* | 97* | 101* | 104 | 103* | 97 | 85* | 80* | 76 | * 104 |
| 65 | * 81 | 80 | 83 | 97* | 93 | 100* | 104 | 103* | 100 | 89* | 85* | 75 | * 104 |
| 66 | * 68* | 74 | 83 | 92* | 101 | 95* | 101 | 101* | 96 | 90* | 81* | 79 | * 101 |
| 67 | * 80* | 75 | 95 | 96* | 102 | 100* | 102 | 101* | 91 | 84* | 86* | 74 | * 102 |
| 68 | * 74 | 76 | 80 | 92* | 96 | 100* | 97 | 100* | 100 | 92 | 86 | 74 | 100 |
| 69 | 83 | 86 | 89 | 88 | 98 | 108 | 103 | 107 | 92 | 91 | 91 | 73 | 108 |
| 70 | 74 | 80 | 81 | 92 | 93 | 104 | 106 | 104 | 99 | 90 | 87 | 78 | 106 |
| 71 | 88 | 85 | 101 | 95 | 97 | 98 | 95 | 91 | 97 | 86 | 81 | 79 | 101 |
| 72 | 84 | 90 | 93 | 100 | 91 | 102 | 100 | 95 | 97 | 92 | 86 | 79 | 102 |
| 73 | 75 | 75 | 85 | 93* | 103 | 99* | 95 | 100* | 98* | 88* | 81* | 83 | * 103 |
| 74 | * 83* | 88 | 96 | 97* | 104 | 104* | 103 | 100* | 93* | 86* | 80* | 76 | * 104 |
| 75 | * 82 | 80 | 94 | 89 | 90 | 102 | 99 | 98 | 98 | 91 | 90 | 79 | 102 |
| 76 | 86 | 89 | 93 | 92 | 96 | 99 | 98 | 99 | 98 | 90 | 78 | 75 | 99 |
| 77 | 78 | 85 | 86 | 86 | 87 | 96 | 102 | 107 | 103 | 101 | 86 | 90 | 107 |
| 78 | 75 | 85 | 88 | 98 | 101 | 100 | 103 | 101 | 93 | 89 | 83 | 78 | 103 |
| 79 | 71 | 84 | 85 | 91 | 103 | 95 | 103 | 98 | 101 | 102 | 85 | 79 | 103 |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX 43-45, 53-81

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN. | FEB | MAR. | APR | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 82 | 86 | 90 | 101 | 102 | 110 | 106 | 103 | 100 | 93 | 90 | 76 | 110 |
| 81 | 78 | 81 | 88 | 86 | 96 | 96 | 97 | 98 | | | | | |
| MEAN | 79.1 | 84.8 | 89.5 | 94.2 | 96.9 | 100.7 | 102.4 | 101.3 | 98.7 | 92.0 | 85.2 | 77.6 | 104.4 |
| S.D. | 4.049 | 5.241 | 5.786 | 4.044 | 3.982 | 3.781 | 3.742 | 3.516 | 3.107 | 4.480 | 3.176 | 4.727 | 3.485 |
| TOTAL OBS | 916 | 843 | 945 | 926 | 951 | 932 | 983 | 992 | 917 | 926 | 891 | 904 | 11126 |

NOTES # (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
## MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX 43-45, 53-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP | OCT | NOV. | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | * | 35* | 33 | 55 | 58 | 65 | 71 | 76 | 59 | 48 | 36 | 29 | |
| 44 | 24 | 31 | 35 | 42 | 46 | 64 | 66 | 61 | 60 | 47 | 31 | 27 | 24 |
| 45 | 30 | 33 | 39 | 32 | 54 | 63 | 71 | 69* | 52 | | | | |
| 53 | | | | | * | 77 | 76 | 70 | 61 | 50 | 37 | 22 | |
| 54 | 28 | 32 | 31 | 50 | 48 | 70 | 68 | 72 | 60 | 40 | 35 | 27 | 27 |
| 55 | 27 | 24 | 29 | 51 | 59 | 57 | 70 | 72 | 65 | 41 | 31 | 29 | 24 |
| 56 | 27 | 24 | 33 | 47 | 58 | 72 | 72 | 70 | 59 | 47 | 32 | 31 | 24 |
| 57 | 24 | 45 | 42 | 40 | 57 | 64 | 72 | 72 | 59 | 41 | 32 | 27 | 24 |
| 58 | 29 | 32 | 39 | 46 | 55 | 68 | 69 | 66 | 60 | 46 | 33 | 24 | 24 |
| 59 | 21 | 28 | 28 | 43 | 62 | 66 | 68 | 70 | 60 | 42 | 26 | 27 | 21 |
| 60 | 24 | 22 | 32 | 39 | 53 | 66 | 71 | 70 | 59 | 44 | 33 | 29 | 22 |
| 61 | 25 | 28 | 39 | 41 | 56 | 65 | 70 | 65 | 58 | 48 | 36 | 27 | 25 |
| 62 | 8 | 30 | 27 | 40 | 51 | 63 | 70 | 69 | 58 | 46 | 34 | 32 | 8 |
| 63 | 13 | 25 | 35 | 48 | 58 | 70 | 70 | 71 | 57 | 51 | 29* | 22 | 13 |
| 64 | * 20* | 32* | 34* | 42* | 64* | 56* | 73 | 72* | 60 | 43* | 36* | 25 | * 20 |
| 65 | * 29 | 28 | 25 | 51* | 61 | 65* | 71 | 69* | 58 | 43* | 34* | 34 | 25 |
| 66 | * 24* | 26 | 30 | 44* | 56 | 59* | 68 | 65* | 62 | 42* | 30* | 19 | * 19 |
| 67 | * 22* | 24 | 35 | 58* | 51 | 66* | 71 | 68* | 50 | 43* | 38* | 26 | * 22 |
| 68 | * 27 | 31 | 32 | 42* | 55 | 63* | 69 | 70* | 57 | 48 | 34 | 25 | 25 |
| 69 | 25 | 36 | 33 | 53 | 56 | 64 | 72 | 69 | 61 | 46 | 24 | 28 | 24 |
| 70 | 17 | 24 | 33 | 38 | 44 | 51 | 71 | 69 | 49 | 33 | 24 | 32 | 17 |
| 71 | 23 | 18 | 30 | 35 | 50 | 67 | 69 | 67 | 49 | 52 | 37 | 35 | 18 |
| 72 | 18 | 25 | 38 | 44 | 56 | 57 | 70 | 67 | 59 | 48 | 30 | 22 | 18 |
| 73 | 18 | 23 | 40 | 30* | 48 | 60* | 69 | 65* | 57* | 50* | 33* | 26 | 18 |
| 74 | * 24* | 30 | 42 | 43* | 60 | 64* | 70 | 68* | 52* | 40* | 36* | 27 | * 24 |
| 75 | * 22 | 29 | 35 | 36 | 57 | 59 | 64 | 70 | 51 | 46 | 26 | 27 | * 22 |
| 76 | 18 | 29 | 42 | 42 | 49 | 66 | 69 | 69 | 56 | 34 | 22 | 26 | 18 |
| 77 | 17 | 29 | 30 | 41 | 58 | 60 | 66 | 75 | 70 | 41 | 32 | 30 | 17 |
| 78 | 23 | 25 | 27 | 48 | 49 | 67 | 70 | 68 | 58 | 49 | 37 | 25 | 23 |
| 79 | 19 | 29 | 34 | 43 | 46 | 55 | 70 | 65 | 54 | 39 | 26 | 26 | 19 |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

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

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
## MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 43-45, 53-81 (YEARS)

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN. | FEB | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 29 | 23 | 25 | 41 | 62 | 61 | 75 | 68 | 68 | 35 | 31 | 30 | 23 |
| 81 | 31 | 17 | 38 | 48 | 51 | 62 | 65 | 68 | | | | | |
| MEAN | 22.5 | 27.7 | 33.7 | 43.7 | 53.9 | 63.3 | 69.8 | 68.9 | 58.7 | 44.0 | 31.2 | 27.7 | 21.1 |
| S.D. | 5.799 | 5.712 | 5.091 | 6.460 | 5.093 | 4.625 | 2.739 | 3.009 | 5.013 | 4.918 | 4.479 | 3.154 | 4.390 |
| TOTAL OBS | 916 | 843 | 945 | 926 | 951 | 931 | 983 | 992 | 917 | 926 | 891 | 904 | 11125 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70.73.75-81 (YEARS) JAN (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 |
| 68/ 67 | | .5 | | | | | | | | | | | | | | | | 3 | 3 | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 3 | |
| 64/ 63 | | | .5 | .2 | | | | | | | | | | | | | | 4 | 4 | | 3 |
| 62/ 61 | .6 | | | | | .2 | | | | | | | | | | | | 5 | 5 | 5 | 4 |
| 60/ 59 | | | .2 | | | .2 | | | | | | | | | | | | 2 | 2 | 2 | 1 |
| 58/ 57 | | .5 | .2 | 1.0 | .5 | .6 | | .2 | | | | | | | | | | 18 | 18 | 1 | 2 |
| 56/ 55 | .6 | .3 | .3 | .6 | .8 | .2 | .6 | .2 | | | | | | | | | | 23 | 23 | 8 | 7 |
| 54/ 53 | .5 | 1.0 | 1.0 | .6 | 1.3 | .6 | .6 | .3 | | | | | | | | | | 37 | 37 | 7 | 7 |
| 52/ 51 | .2 | 1.3 | 1.0 | 1.0 | .8 | .8 | .3 | .2 | | | | | | | | | | 34 | 34 | 23 | 5 |
| 50/ 49 | .5 | .8 | 2.4 | 2.6 | 1.3 | .5 | | | | | | | | | | | | 50 | 50 | 22 | 13 |
| 48/ 47 | .6 | 1.8 | 1.9 | 1.3 | 1.3 | .8 | .2 | | | | | | | | | | | 49 | 49 | 37 | 19 |
| 46/ 45 | 1.3 | 1.9 | 1.3 | 1.9 | 1.3 | 1.0 | | | | | | | | | | | | 54 | 54 | 44 | 29 |
| 44/ 43 | .5 | 3.9 | 1.8 | 2.1 | .3 | .5 | | | | | | | | | | | | 56 | 56 | 67 | 27 |
| 42/ 41 | 1.0 | 2.6 | 2.9 | 2.1 | 1.1 | .2 | | | | | | | | | | | | 61 | 61 | 55 | 48 |
| 40/ 39 | 1.1 | 1.6 | 3.1 | 1.6 | .6 | | | | | | | | | | | | | 50 | 50 | 69 | 56 |
| 38/ 37 | .5 | 4.2 | 1.6 | 1.3 | .5 | | | | | | | | | | | | | 50 | 50 | 64 | 29 |
| 36/ 35 | .3 | 1.3 | 2.6 | 1.0 | .2 | | | | | | | | | | | | | 33 | 33 | 52 | 44 |
| 34/ 33 | .3 | .3 | 2.3 | 1.4 | .5 | | | | | | | | | | | | | 30 | 30 | 44 | 41 |
| 32/ 31 | .5 | 1.4 | 2.3 | 1.0 | .2 | | | | | | | | | | | | | 33 | 33 | 3. | 64 |
| 30/ 29 | .2 | .5 | .3 | .3 | .2 | | | | | | | | | | | | | 9 | 9 | 30 | 30 |
| 28/ 27 | | 1.0 | .6 | .3 | | | | | | | | | | | | | | 12 | 12 | 24 | 44 |
| 26/ 25 | | .2 | .6 | .2 | | | | | | | | | | | | | | 6 | 6 | 18 | 37 |
| 24/ 23 | | .2 | .2 | | | | | | | | | | | | | | | 2 | 2 | 5 | 20 |
| 22/ 21 | | .2 | | | | | | | | | | | | | | | | 1 | 1 | 8 | 22 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 25 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 17 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 7 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 8 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 70,73,75-81 YEARS | JAN 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 |
| TOTAL | 8.7 | 25.2 | 26.8 | 20.4 | 10.8 | 5.5 | 1.8 | .8 | | | | | | | | | | 622 | 622 | 622 | 622 |

| 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. | 3315020 | 43978 | 70.7 | 18.195 | 622 | | | | | | | |
| Dry Bulb | 1217690 | 27044 | 43.5 | 8.208 | 622 | | 9.4 | .4 | | | | 93 |
| Wet Bulb | 1006631 | 24535 | 39.4 | 7.908 | 622 | | 17.8 | | | | | 93 |
| Dew Point | 777083 | 21005 | 33.8 | 10.444 | 622 | | 42.9 | | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70.73.76-81 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
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 |
| 68/ 67 | | .5 | | | | | | | | | | | | | | | | 3 | 3 | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 3 | 1 |
| 64/ 63 | .3 | .5 | | | | | | | | | | | | | | | | 5 | 5 | 2 | 4 |
| 62/ 61 | .2 | | | | | | | | | | | | | | | | | 1 | 1 | 4 | 2 |
| 60/ 59 | .2 | | | .2 | | | | | | | | | | | | | | 2 | 2 | 1 | 3 |
| 58/ 57 | .2 | .5 | .2 | .5 | .2 | | | | | | | | | | | | | 9 | 9 | 1 | 1 |
| 56/ 55 | .6 | .6 | .6 | 1.3 | | | | .2 | | | | | | | | | | 21 | 21 | 8 | 7 |
| 54/ 53 | | .8 | 1.0 | .3 | .2 | .2 | .3 | .2 | | | | | | | | | | 18 | 18 | 9 | 3 |
| 52/ 51 | .6 | 1.0 | 1.1 | .8 | 1.0 | .2 | .5 | | | | | | | | | | | 32 | 32 | 22 | 12 |
| 50/ 49 | .6 | 1.5 | 1.3 | 1.5 | .6 | .2 | .3 | | | | | | | | | | | 37 | 37 | 18 | 11 |
| 48/ 47 | .8 | .5 | 2.3 | 1.6 | 1.1 | 1.1 | | | | | | | | | | | | 46 | 46 | 26 | 23 |
| 46/ 45 | .3 | 3.7 | 1.6 | 1.3 | 1.0 | | | | | | | | | | | | | 49 | 49 | 27 | 29 |
| 44/ 43 | 1.8 | 2.9 | 1.9 | 3.1 | .2 | .3 | | | | | | | | | | | | 63 | 63 | 60 | 24 |
| 42/ 41 | .5 | 3.1 | 3.2 | 1.5 | .8 | .2 | | | | | | | | | | | | 57 | 57 | 54 | 28 |
| 40/ 39 | 2.9 | 1.5 | 3.1 | 1.6 | .5 | | | | | | | | | | | | | 59 | 59 | 70 | 59 |
| 38/ 37 | .8 | 3.7 | 1.9 | .8 | .3 | | | | | | | | | | | | | 47 | 47 | 62 | 34 |
| 36/ 35 | 1.1 | 2.9 | 3.7 | .6 | | | | | | | | | | | | | | 52 | 52 | 59 | 49 |
| 34/ 33 | .2 | 1.3 | 3.9 | | | | | | | | | | | | | | | 33 | 33 | 47 | 39 |
| 32/ 31 | .3 | 1.1 | 2.4 | 1.1 | | | | | | | | | | | | | | 31 | 31 | 46 | 67 |
| 30/ 29 | .3 | 1.3 | 1.5 | .5 | | | | | | | | | | | | | | 22 | 22 | 33 | 27 |
| 28/ 27 | | .5 | 1.3 | .3 | | | | | | | | | | | | | | 13 | 13 | 23 | 34 |
| 26/ 25 | | .8 | .3 | .3 | | | | | | | | | | | | | | 9 | 9 | 20 | 48 |
| 24/ 23 | | .3 | | .2 | | | | | | | | | | | | | | 3 | 3 | 8 | 24 |
| 22/ 21 | | .3 | .5 | | | | | | | | | | | | | | | 5 | 5 | 7 | 24 |
| 20/ 19 | | .5 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 18 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 4 | 21 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 11 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 5 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 70,73,76-81 YEARS | JAN MONTH

PAGE 2 | 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 | | | | |
| TOTAL | 11.9 | 29.7 | 31.8 | 17.4 | 5.8 | 2.1 | 1.1 | .3 | | | | | | | | | | 620 | 620 | 620 | 620 |

| 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. | 3620546 | 46242 | 74.6 | 16.652 | 620 | | | | | | | |
| Dry Bulb | 1120403 | 25843 | 41.7 | 8.355 | 620 | | 12.9 | .5 | | | | 93 |
| Wet Bulb | 956944 | 23814 | 38.4 | 8.262 | 620 | | 22.1 | | | | | 93 |
| Dew Point | 769258 | 20836 | 33.6 | 10.561 | 620 | | 43.7 | | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JAN (MONTH)

PAGE 1 0600-0800 (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 | | | | |
| [illegible] 65 | | .7 | | | | | | | | | | | | | | | | 6 | 6 | 5 | 1 |
| [illegible] 63 | | 1.3 | | | | | | | | | | | | | | | | 11 | 11 | 1 | 5 |
| [illegible] 61 | | .7 | .1 | | | | | | | | | | | | | | | 7 | 7 | 13 | 8 |
| [illegible] 59 | .3 | .3 | | | | | | | | | | | | | | | | 6 | 6 | 10 | 11 |
| [illegible] 57 | .2 | .6 | .2 | .5 | | | | | | | | | | | | | | 13 | 13 | 3 | 6 |
| [illegible] 55 | .5 | .8 | .2 | .5 | | .2 | | | | | | | | | | | | 19 | 19 | 14 | 13 |
| [illegible] 53 | | 1.3 | .8 | .2 | .1 | | .5 | | | | | | | | | | | 25 | 25 | 8 | 5 |
| [illegible] 51 | .6 | 1.7 | .9 | .5 | .2 | | 1.0 | | | | | | | | | | | 43 | 43 | 26 | 17 |
| [illegible] 49 | 1.1 | 1.3 | 1.0 | 1.5 | .7 | .9 | .2 | | | | | | | | | | | 59 | 59 | 30 | 29 |
| [illegible] 47 | 1.3 | 1.6 | 1.3 | 1.0 | .7 | .3 | .2 | | | | | | | | | | | 56 | 56 | 40 | 29 |
| [illegible] 45 | .9 | 3.2 | 1.1 | 1.4 | .7 | .2 | | | | | | | | | | | | 66 | 66 | 38 | 31 |
| [illegible] 43 | 1.4 | 3.3 | 1.8 | 2.3 | .2 | .1 | | | | | | | | | | | | 80 | 80 | 67 | 41 |
| [illegible] 41 | 1.0 | 4.1 | 2.4 | 1.4 | .8 | | | | | | | | | | | | | 85 | 85 | 74 | 43 |
| [illegible] 39 | 1.7 | 3.1 | 1.7 | .8 | | | | | | | | | | | | | | 64 | 64 | 102 | 67 |
| [illegible] 37 | 1.6 | 2.6 | 2.1 | .6 | .5 | | | | | | | | | | | | | 64 | 64 | 88 | 48 |
| [illegible] 35 | 1.0 | 2.3 | 2.6 | 1.3 | .1 | | | | | | | | | | | | | 64 | 64 | 65 | 62 |
| [illegible] 33 | .3 | 2.6 | 2.8 | .2 | .1 | | | | | | | | | | | | | 54 | 54 | 48 | 51 |
| [illegible] 31 | .3 | 2.6 | 2.6 | .6 | | | | | | | | | | | | | | 54 | 54 | 61 | 75 |
| [illegible] 29 | .7 | 1.3 | 1.4 | | | | | | | | | | | | | | | 29 | 29 | 72 | 47 |
| [illegible] 27 | .2 | 1.6 | 1.8 | | | | | | | | | | | | | | | 32 | 32 | 33 | 63 |
| [illegible] 25 | | 1.6 | .3 | | | | | | | | | | | | | | | 17 | 17 | 27 | 46 |
| [illegible] 23 | | .5 | .2 | .1 | | | | | | | | | | | | | | 7 | 7 | 27 | 36 |
| [illegible] 21 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 5 | 44 |
| [illegible] 19 | | .7 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 34 |
| [illegible] 17 | | .6 | .2 | | | | | | | | | | | | | | | 7 | 7 | 9 | 23 |
| [illegible] 15 | | | | | | | | | | | | | | | | | | | | 4 | 17 |
| [illegible] 13 | | | | | | | | | | | | | | | | | | | | | 11 |
| [illegible] 11 | | | | | | | | | | | | | | | | | | | | | 6 |
| [illegible] 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| [illegible] 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| [illegible] 3 | | | | | | | | | | | | | | | | | | | | | |
| [illegible] 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 13.2 | 40.4 | 25.9 | 12.6 | 4.1 | 1.8 | 1.9 | | | | | | | | | | | | 878 | | 878 |

| 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 | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5482829 | 67813 | 77.2 | 16.722 | 878 | | | | | | | |
| Dry Bulb | 1565747 | 36193 | 41.2 | 9.173 | 878 | | 16.5 | | | | | |
| Wet Bulb | 1364547 | 33669 | 38.3 | 9.150 | 878 | | 25.8 | | | | | |
| Dew Point | 1131232 | 29908 | 34.1 | 11.324 | 878 | | 43.5 | | | | | |

FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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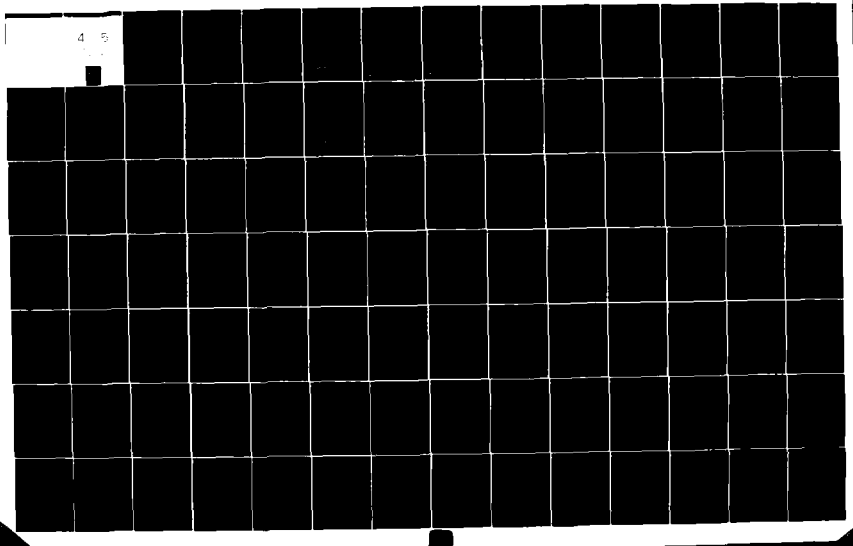
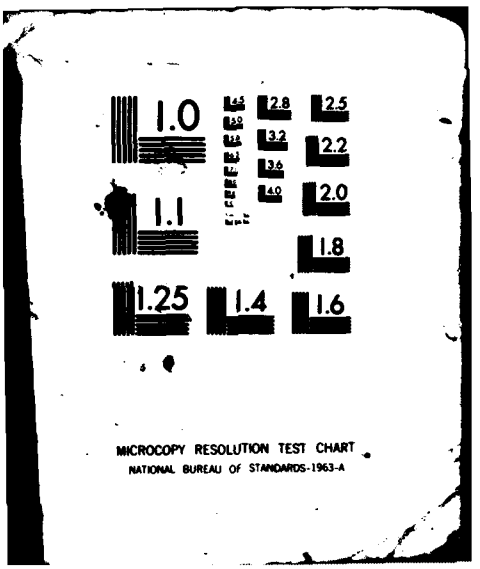
AD-A116 094 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(U)
APR 82

UNCLASSIFIED USAFETAC/DS-82/026 SBI-AD-E850 173 NL




1.0
1.1
1.25
1.4
1.6
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2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JAN (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 |
| 70/ 69 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 68/ 67 | | .6 | .2 | | | .2 | | .2 | .1 | .1 | | | | | | | | 13 | 13 | | |
| 66/ 65 | | .1 | .1 | .2 | .1 | | | .1 | .1 | .1 | | | | | | | | 8 | 8 | 6 | 2 |
| 64/ 63 | .2 | 1.0 | | .7 | .1 | .1 | .2 | .4 | | | | | | | | | | 25 | 25 | 7 | 8 |
| 62/ 61 | .2 | .7 | .2 | .2 | .2 | .2 | .2 | .2 | | .2 | | | | | | | | 22 | 22 | 12 | 11 |
| 60/ 59 | .1 | .3 | 1.0 | .4 | .1 | .4 | .3 | .2 | .4 | .1 | | | | | | | | 32 | 32 | 7 | 6 |
| 58/ 57 | .3 | .7 | .6 | .7 | | .6 | .8 | .4 | .2 | | | | | | | | | 38 | 38 | 21 | 8 |
| 56/ 55 | .3 | 1.4 | .3 | .8 | .7 | 1.0 | .9 | .1 | .2 | | | | | | | | | 49 | 49 | 20 | 14 |
| 54/ 53 | .1 | 1.8 | .9 | .4 | 1.2 | .8 | .6 | .3 | | | | | | | | | | 55 | 55 | 33 | 19 |
| 52/ 51 | .6 | 1.5 | 1.4 | .8 | 1.3 | 1.1 | .9 | .1 | | | | | | | | | | 70 | 70 | 37 | 37 |
| 50/ 49 | .2 | 1.1 | 2.1 | 1.4 | 2.1 | 1.2 | .2 | | | | | | | | | | | 76 | 76 | 42 | 19 |
| 48/ 47 | .8 | 2.3 | 1.5 | 1.5 | .9 | .9 | .3 | | | | | | | | | | | 75 | 75 | 54 | 33 |
| 46/ 45 | .4 | 2.1 | 1.8 | 1.0 | .9 | 1.2 | .1 | | | | | | | | | | | 68 | 68 | 88 | 38 |
| 44/ 43 | .7 | 2.0 | 3.4 | 1.7 | .6 | .6 | .2 | | | | | | | | | | | 82 | 82 | 89 | 43 |
| 42/ 41 | 1.1 | 1.5 | 2.5 | .9 | .3 | .3 | | | | | | | | | | | | 61 | 61 | 106 | 60 |
| 40/ 39 | 1.4 | 1.7 | 1.0 | 1.4 | .6 | .3 | | | | | | | | | | | | 58 | 58 | 91 | 54 |
| 38/ 37 | .8 | 1.7 | .6 | 1.1 | .8 | | | | | | | | | | | | | 44 | 44 | 64 | 62 |
| 36/ 35 | .2 | 1.1 | 2.0 | 1.1 | .3 | | | | | | | | | | | | | 43 | 43 | 51 | 73 |
| 34/ 33 | .1 | .9 | 1.7 | 1.0 | | .1 | | | | | | | | | | | | 34 | 34 | 44 | 65 |
| 32/ 31 | .1 | .6 | 1.1 | 1.1 | .1 | | | | | | | | | | | | | 27 | 27 | 48 | 53 |
| 30/ 29 | .1 | .4 | .9 | .2 | .1 | | | | | | | | | | | | | 16 | 16 | 36 | 53 |
| 28/ 27 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 26 | 33 |
| 26/ 25 | | .2 | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 12 | 45 |
| 24/ 23 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 8 | 32 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 4 | 33 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 27 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 23 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 18 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 11 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 8 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 92 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

22615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JAN (MONTH)

PAGE 2 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 |
| TOTAL | 7.8 | 23.9 | 23.7 | 16.4 | 10.4 | 9.0 | 4.7 | 2.2 | 1.2 | .6 | | | | | | | | 907 | 907 | 907 | 907 |

| 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 | ≥ 88 F | ≥ 92 F | Total |
| Sat. Vap. | 858373 | 41645 | 68.0 | 20.930 | 907 | | | | | | | |
| Dry Bulb | 2060896 | 62586 | 86.8 | 8.048 | 907 | | 5.8 | 1.8 | | | | 93 |
| Wet Bulb | 1663173 | 58059 | 82.0 | 8.584 | 907 | | 11.8 | | | | | 93 |
| Dew Point | 1266040 | 52208 | 75.8 | 11.620 | 907 | .2 | 26.8 | | | | | 93 |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JAN (MONTH)

 1200-1800 (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 | | | | | | 2 | 2 | | |
| 78/ 77 | | | | | | | | | | | .1 | .1 | .2 | | | | | 4 | 4 | | |
| 76/ 75 | | | | | | | | .2 | .1 | .3 | .3 | .1 | | | | | | 10 | 10 | | |
| 74/ 73 | | | | .3 | | .2 | .2 | .1 | | .5 | .3 | .3 | | | | | | 19 | 19 | | |
| 72/ 71 | | | .1 | | .1 | .1 | .2 | .4 | .5 | .9 | .2 | .1 | | | | | | 25 | 25 | | |
| 70/ 69 | | | .4 | .1 | .2 | .6 | .4 | .3 | .5 | .9 | .4 | .2 | | | | | | 39 | 39 | | |
| 68/ 67 | | | .4 | .1 | .6 | .4 | .4 | .2 | .9 | .3 | .4 | | | | | | | 36 | 36 | 5 | |
| 66/ 65 | | .3 | .3 | .6 | .4 | .8 | .2 | .6 | .5 | .6 | .1 | | | | | | | 41 | 41 | 5 | 1 |
| 64/ 63 | | .5 | | .1 | .9 | .3 | .6 | .2 | .6 | .6 | .1 | | | | | | | 38 | 38 | 16 | 11 |
| 62/ 61 | .1 | .8 | .5 | .3 | .4 | .4 | .5 | 1.0 | .9 | .8 | | | | | | | | 50 | 50 | 15 | 7 |
| 60/ 59 | .2 | .4 | .6 | .9 | .2 | .9 | .8 | 1.1 | 1.1 | .1 | | | | | | | | 58 | 58 | 30 | 10 |
| 58/ 57 | .1 | .4 | .3 | .6 | .6 | 1.3 | .8 | 1.2 | .4 | .1 | | | | | | | | 55 | 55 | 33 | 11 |
| 56/ 55 | | 1.0 | .4 | .5 | 1.4 | 1.1 | 1.0 | 1.0 | .2 | | | | | | | | | 61 | 61 | 48 | 19 |
| 54/ 53 | .3 | .6 | .6 | 1.5 | 1.6 | 1.0 | .9 | .8 | .1 | | | | | | | | | 69 | 69 | 64 | 25 |
| 52/ 51 | .3 | .1 | 1.0 | 1.1 | 1.4 | 1.0 | 1.5 | .2 | | | | | | | | | | 61 | 61 | 53 | 34 |
| 50/ 49 | | 1.2 | .9 | 1.2 | 1.5 | .9 | .9 | .6 | | | | | | | | | | 62 | 62 | 61 | 22 |
| 48/ 47 | | 1.5 | .4 | .6 | 1.4 | .4 | .8 | .1 | | | | | | | | | | 49 | 49 | 85 | 37 |
| 46/ 45 | .2 | 1.1 | 1.3 | 1.1 | .9 | .3 | .6 | | | | | | | | | | | 51 | 51 | 101 | 38 |
| 44/ 43 | .2 | 1.8 | .8 | 1.4 | .8 | .8 | .4 | | | | | | | | | | | 57 | 57 | 75 | 40 |
| 42/ 41 | .2 | 1.9 | .5 | 1.3 | .1 | .5 | | | | | | | | | | | | 38 | 38 | 83 | 65 |
| 40/ 39 | .8 | .4 | .3 | .9 | .8 | .1 | .1 | | | | | | | | | | | 31 | 31 | 65 | 77 |
| 38/ 37 | .1 | .3 | .9 | .3 | .5 | .1 | .1 | | | | | | | | | | | 22 | 22 | 50 | 55 |
| 36/ 35 | | .2 | 1.3 | .5 | .4 | .1 | | | | | | | | | | | | 24 | 24 | 38 | 60 |
| 34/ 33 | | .2 | .8 | .2 | .3 | | | | | | | | | | | | | 14 | 14 | 33 | 50 |
| 32/ 31 | .1 | | .1 | .2 | | | | | | | | | | | | | | 4 | 4 | 30 | 55 |
| 30/ 29 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 18 | 61 |
| 28/ 27 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 11 | 32 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 5 | 56 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 25 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 30 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 33 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 15 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 17 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 16 |

| Element (X) | $\bar{X}_{DP}$ | $\bar{X}_{WB}$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Given No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 90 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477-54321

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 STATION — LAUGHLIN AFB TX STATION NAME — 70,73-81 YEARS — JAN MONTH

 1200-1800 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 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 10 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.7 | 12.6 | 12.1 | 14.1 | 14.7 | 10.9 | 10.5 | 8.1 | 6.0 | 5.0 | 2.1 | 1.1 | .2 | | | | | | 924 | 924 | 924 | 924 |

| Element (E) | $\bar{x}_E$ | $s_E$ | $\bar{E}$ | $s_E$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≥0 F | ≥32 F | ≥67 F | ≥73 F | ≥80 F | ≥98 F | Total |
| Dry Bulb | | | | | 924 | | | | | | | |
| Wet Bulb | | | | | 924 | | | | | | | |
| Dew Point | | | | | 924 | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70, 73-81 (YEARS) JAN (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 |
| 86/ 85 | | | | | | | | | | | | | | | .1 | .1 | | 2 | 2 | | |
| 84/ 83 | | | | | | | | | | | | .1 | .2 | | | | | 3 | 3 | | |
| 82/ 81 | | | | | | | | | | | | | .7 | | | | | 6 | 6 | | |
| 80/ 79 | | | | | | | | | | | | .2 | .1 | .2 | | | | 5 | 5 | | |
| 78/ 77 | | | | | | .1 | | | .1 | .3 | .3 | .5 | | .1 | | | | 14 | 14 | | |
| 76/ 75 | | | | | .2 | .3 | .2 | .5 | .1 | .4 | .8 | .5 | | | | | | 29 | 29 | | |
| 74/ 73 | | | | .3 | .1 | .3 | .4 | .1 | .4 | .8 | 1.0 | .8 | .3 | | | | | 42 | 42 | | |
| 72/ 71 | | | .1 | .2 | .2 | .3 | .7 | .4 | .5 | .4 | 1.2 | .3 | .3 | | | | | 44 | 44 | | |
| 70/ 69 | | | .2 | | .2 | .9 | 1.1 | .8 | .7 | .5 | .5 | | | | | | | 45 | 45 | | |
| 68/ 67 | | | .1 | .2 | .1 | .4 | .4 | .9 | .3 | 1.3 | .1 | .1 | | | | | | 37 | 37 | 9 | |
| 66/ 65 | | .1 | .1 | .1 | .1 | .2 | .9 | 1.1 | .2 | .7 | .9 | | | | | | | 40 | 40 | 8 | 3 |
| 64/ 63 | .3 | | .3 | .8 | .7 | .5 | 1.0 | 1.1 | 1.1 | 1.4 | | | | | | | | 66 | 66 | 16 | 10 |
| 62/ 61 | | .3 | .3 | 1.0 | .5 | .4 | .9 | 1.2 | 1.0 | .9 | | | | | | | | 60 | 60 | 18 | 8 |
| 60/ 59 | | .1 | .7 | .3 | .9 | .3 | .7 | 1.2 | .9 | .8 | | | | | | | | 53 | 53 | 37 | 7 |
| 58/ 57 | | .2 | .2 | 1.1 | .8 | 1.0 | .8 | 1.2 | .8 | | | | | | | | | 55 | 55 | 52 | 8 |
| 56/ 55 | | .2 | .2 | .1 | .8 | .9 | 1.1 | .8 | 1.0 | | | | | | | | | 46 | 46 | 60 | 22 |
| 54/ 53 | | .5 | .3 | .5 | 1.4 | 1.0 | .3 | 1.0 | | | | | | | | | | 47 | 47 | 73 | 21 |
| 52/ 51 | .3 | .3 | .8 | .9 | .7 | 1.0 | 1.0 | .7 | | | | | | | | | | 51 | 51 | 68 | 28 |
| 50/ 49 | | .9 | .8 | .9 | .9 | .2 | .3 | .7 | .2 | | | | | | | | | 44 | 44 | 55 | 23 |
| 48/ 47 | .1 | .4 | 1.1 | 1.0 | .5 | .2 | .8 | .5 | | | | | | | | | | 43 | 43 | 76 | 37 |
| 46/ 45 | .5 | .4 | .5 | .8 | .9 | 1.0 | .8 | .1 | | | | | | | | | | 46 | 46 | 96 | 43 |
| 44/ 43 | .4 | 1.7 | 1.1 | .8 | .9 | .7 | | | | | | | | | | | | 51 | 51 | 89 | 41 |
| 42/ 41 | | 1.0 | .4 | 1.3 | .4 | .2 | | | | | | | | | | | | 31 | 31 | 65 | 67 |
| 40/ 39 | .4 | | .4 | .2 | .5 | .7 | | | | | | | | | | | | 21 | 21 | 55 | 73 |
| 38/ 37 | | | .2 | .1 | .2 | | | | | | | | | | | | | 5 | 5 | 33 | 56 |
| 36/ 35 | | .5 | .8 | .5 | .2 | | | | | | | | | | | | | 19 | 19 | 39 | 51 |
| 34/ 33 | | .1 | .7 | .2 | .1 | | | | | | | | | | | | | 10 | 10 | 29 | 47 |
| 32/ 31 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 22 | 59 |
| 30/ 29 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 13 | 59 |
| 28/ 27 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 42 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 37 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 31 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 37 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 40 |

| Element (X) | $\bar{X}_{D^2}$ | $\bar{X}_{\Sigma}$ | $\bar{X}$ | $\sigma_{\Sigma}$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 88 F | ≥ 92 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70-73-81 (YEARS) JAN (MONTH)

PAGE 2 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 17 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 18 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 15 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 7 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 7 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 2.2 | 7.4 | 9.5 | 11.3 | 11.3 | 10.7 | 11.2 | 12.2 | 7.3 | 7.5 | 4.8 | 2.6 | 1.6 | .3 | .1 | .1 | | | 920 | | 920 |
| | | | | | | | | | | | | | | | | | | 920 | | 920 | |

| 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 | ≤ 78 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wet Bulb | 2112778 | 83602 | 87.3 | 8.525 | 920 | | 9.2 | .8 | | | | 93 |
| Dew Point | 1298168 | 72728 | 78.8 | 11.993 | 920 | | 22.8 | | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JAN (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 | 1 | | |
| 76/ 75 | | | | | | | | | | | .1 | .1 | | | | | | 2 | 2 | | |
| 74/ 73 | | | | .1 | .4 | | | | .1 | .2 | .1 | | | | | | | 8 | 8 | | |
| 72/ 71 | | | | .2 | .1 | .1 | | | .1 | .2 | | .1 | | | | | | 8 | 8 | | |
| 70/ 69 | | | .1 | | | .4 | | | .6 | .5 | .1 | .1 | | | | | | 15 | 15 | | |
| 68/ 67 | | | .4 | .1 | .4 | .1 | .1 | .4 | .5 | .6 | .1 | | | | | | | 22 | 22 | 2 | |
| 66/ 65 | | | .4 | .1 | .5 | .2 | .4 | 1.0 | .4 | .2 | | | | | | | | 26 | 26 | 6 | 2 |
| 64/ 63 | | .2 | .2 | .7 | .2 | .5 | .7 | .5 | .4 | .9 | .1 | | | | | | | 37 | 37 | 5 | 2 |
| 62/ 61 | .1 | .4 | .4 | .5 | .6 | .4 | .6 | .7 | .7 | .5 | | | | | | | | 40 | 40 | 10 | 10 |
| 60/ 59 | | .6 | .9 | .1 | .6 | 1.2 | .9 | 1.1 | .6 | .1 | | | | | | | | 50 | 50 | 13 | 8 |
| 58/ 57 | | .2 | .6 | 1.1 | 1.1 | .6 | 1.5 | .7 | 1.1 | | | | | | | | | 57 | 57 | 18 | 5 |
| 56/ 55 | | .7 | 1.0 | 1.4 | 1.4 | 1.0 | 1.1 | .9 | .5 | | | | | | | | | 64 | 64 | 28 | 13 |
| 54/ 53 | | .2 | .7 | 1.0 | 1.0 | .5 | 1.2 | .4 | | | | | | | | | | 41 | 41 | 40 | 19 |
| 52/ 51 | .4 | .9 | .7 | 1.0 | 1.6 | 1.9 | 1.0 | .2 | | | | | | | | | | 62 | 62 | 51 | 19 |
| 50/ 49 | .1 | 1.2 | .9 | 1.0 | 1.1 | 1.4 | .9 | .5 | | | | | | | | | | 57 | 57 | 68 | 17 |
| 48/ 47 | .4 | .9 | 1.1 | 1.6 | 1.0 | .7 | 1.1 | | | | | | | | | | | 55 | 55 | 66 | 25 |
| 46/ 45 | .9 | 1.2 | 1.0 | 1.2 | .9 | .6 | .2 | | | | | | | | | | | 49 | 49 | 78 | 44 |
| 44/ 43 | .2 | 2.7 | 1.7 | 1.0 | .5 | .9 | .5 | | | | | | | | | | | 61 | 61 | 83 | 47 |
| 42/ 41 | .2 | 1.6 | 1.1 | 1.0 | 1.4 | .5 | .1 | | | | | | | | | | | 48 | 48 | 90 | 48 |
| 40/ 39 | .1 | .6 | 1.1 | 1.2 | 1.2 | .1 | | | | | | | | | | | | 36 | 36 | 58 | 65 |
| 38/ 37 | | | .4 | 1.0 | .5 | .5 | | | | | | | | | | | | 19 | 19 | 48 | 55 |
| 36/ 35 | | .6 | .9 | .9 | .1 | | | | | | | | | | | | | 18 | 18 | 33 | 44 |
| 34/ 33 | | .7 | .1 | .6 | | | | | | | | | | | | | | 12 | 12 | 40 | 45 |
| 32/ 31 | | .6 | .5 | .6 | | | | | | | | | | | | | | 12 | 12 | 32 | 55 |
| 30/ 29 | | .5 | .4 | | | | | | | | | | | | | | | 7 | 7 | 18 | 48 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 14 | 33 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 6 | 50 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 15 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 40 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 43 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 15 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 14 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 15 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JAN (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 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 5 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.5 | 13.9 | 14.6 | 16.9 | 14.6 | 11.6 | 10.4 | 6.4 | 5.1 | 3.3 | .7 | .4 | | | | | | | 807 | | 807 |
| | | | | | | | | | | | | | | | | | | 807 | | 807 | |

| 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 |
| Sat. Hum. | 3018717 | 86155 | 57.2 | 21.683 | 807 | | | | | | | |
| Dry Bulb | 2232281 | 61695 | 51.7 | 9.880 | 807 | | 2.2 | 6.8 | 1.3 | | | 93 |
| Wet Bulb | 1631885 | 35887 | 58.2 | 8.166 | 807 | | 8.1 | .2 | | | | 93 |
| Dew Point | 1096632 | 28268 | 35.0 | 11.892 | 807 | | 39.1 | | | | | 93 |

FORM 0-26-3 (OL A) (JUN 71) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70,73,75-81 JAN
STATION STATION NAME YEARS 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 |
| 68/ 67 | | .1 | .3 | | | | | | .1 | | | | | | | | | 4 | 4 | | | |
| 66/ 65 | | | | .1 | | | | .1 | | | | | | | | | | 2 | 2 | 2 | | |
| 64/ 63 | | | .3 | .3 | | | .3 | .1 | .3 | | | | | | | | | 9 | 9 | 1 | 2 | |
| 62/ 61 | .3 | .4 | .3 | .3 | .3 | .3 | .5 | .1 | | | | | | | | | | 18 | 18 | 3 | 3 | |
| 60/ 59 | .1 | .4 | .4 | .1 | .4 | .5 | .4 | .5 | | | | | | | | | | 22 | 22 | 11 | 7 | |
| 58/ 57 | | .7 | .5 | .4 | .3 | 1.1 | .5 | .3 | | | | | | | | | | 28 | 28 | 2 | 3 | |
| 56/ 55 | .5 | 1.1 | .7 | 1.1 | .4 | 1.1 | .8 | .3 | .5 | | | | | | | | | 48 | 48 | 17 | 11 | |
| 54/ 53 | | .8 | 1.1 | .7 | .8 | 1.2 | .8 | .7 | | | | | | | | | | 45 | 45 | 17 | 10 | |
| 52/ 51 | | 1.7 | 1.7 | 1.9 | .5 | .4 | .8 | .1 | | | | | | | | | | 54 | 54 | 28 | 12 | |
| 50/ 49 | .5 | 1.5 | 2.4 | 2.5 | 1.5 | 1.3 | .5 | | | | | | | | | | | 77 | 77 | 48 | 20 | |
| 48/ 47 | .3 | 2.1 | 1.1 | 1.3 | 1.7 | .7 | .3 | | | | | | | | | | | 56 | 56 | 53 | 32 | |
| 46/ 45 | .4 | 2.5 | 1.3 | .9 | 1.7 | 1.1 | | | | | | | | | | | | 60 | 60 | 76 | 33 | |
| 44/ 43 | .8 | 2.9 | .7 | 1.6 | .9 | .5 | | | | | | | | | | | | 56 | 56 | 68 | 47 | |
| 42/ 41 | 1.1 | 3.4 | 1.9 | 1.7 | 1.9 | .3 | | | | | | | | | | | | 77 | 77 | 74 | 42 | |
| 40/ 39 | .3 | 2.1 | 2.4 | 1.2 | .9 | .3 | | | | | | | | | | | | 54 | 54 | 68 | 67 | |
| 38/ 37 | | 1.7 | 1.9 | 1.7 | .5 | .1 | | | | | | | | | | | | 45 | 45 | 73 | 41 | |
| 36/ 35 | | .3 | 1.9 | 1.9 | .3 | | | | | | | | | | | | | 32 | 32 | 52 | 53 | |
| 34/ 33 | | 1.2 | .7 | .7 | .7 | | | | | | | | | | | | | 24 | 24 | 43 | 31 | |
| 32/ 31 | .3 | 1.2 | 1.1 | .3 | .1 | | | | | | | | | | | | | 22 | 22 | 48 | 68 | |
| 30/ 29 | | .3 | .5 | .1 | | | | | | | | | | | | | | 7 | 7 | 30 | 41 | |
| 28/ 27 | | .3 | 1.2 | | | | | | | | | | | | | | | 11 | 11 | 15 | 50 | |
| 26/ 25 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 18 | 37 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 5 | 32 | |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 33 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 30 | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 18 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 11 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 7 | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | 4.5 | 24.9 | 22.1 | 18.7 | 12.9 | 8.8 | 4.9 | 2.3 | .9 | | | | | | | | | 754 | 754 | 754 | 754 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Hours No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3476311 | 50853 | 66.9 | 19.978 | 754 | | | | | | | |
| Dry Bulb | 1650543 | 39701 | 84.8 | 8.932 | 754 | | 5.3 | .5 | | | | 93 |
| Wet Bulb | 1317953 | 30943 | 81.1 | 7.855 | 754 | | 18.4 | | | | | 93 |
| Dew Point | 882169 | 25879 | 76.5 | 10.758 | 754 | | 41.9 | | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JAN (MONTH)

 ALL (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 | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | .0 | .0 | | | 2 | 2 | | |
| 84/ 83 | | | | | | | | | | | | .0 | .0 | | | | | | 3 | 3 | | |
| 82/ 81 | | | | | | | | | | | | | .1 | | | | | | 6 | 6 | | |
| 80/ 79 | | | | | | | | | | | | .1 | .0 | .0 | | | | | 7 | 7 | | |
| 78/ 77 | | | | | | .0 | | | .0 | .0 | .1 | .1 | .0 | .0 | | | | | 19 | 19 | | |
| 76/ 75 | | | | | .0 | .0 | .0 | .1 | .0 | .1 | .2 | .1 | | | | | | | 41 | 41 | | |
| 74/ 73 | | | | .1 | .1 | .1 | .1 | .0 | .1 | .2 | .2 | .2 | .0 | | | | | | 69 | 69 | | |
| 72/ 71 | | | .0 | .1 | .1 | .1 | .1 | .1 | .2 | .2 | .2 | .1 | .0 | | | | | | 77 | 77 | | |
| 70/ 69 | | | .1 | .0 | .1 | .3 | .2 | .2 | .3 | .3 | .2 | .0 | | | | | | | 100 | 100 | | |
| 68/ 67 | | .2 | .2 | .1 | .2 | .2 | .1 | .2 | .3 | .3 | .1 | .0 | | | | | | | 118 | 118 | 16 | |
| 66/ 65 | | .2 | .1 | .2 | .2 | .2 | .2 | .4 | .2 | .2 | .1 | | | | | | | | 123 | 123 | 38 | 12 |
| 64/ 63 | .1 | .5 | .2 | .4 | .3 | .2 | .4 | .3 | .3 | .4 | .0 | | | | | | | | 195 | 195 | 48 | 45 |
| 62/ 61 | .2 | .4 | .2 | .3 | .3 | .2 | .4 | .5 | .4 | .3 | | | | | | | | | 203 | 203 | 80 | 53 |
| 60/ 59 | .1 | .3 | .5 | .3 | .3 | .5 | .4 | .6 | .8 | .2 | | | | | | | | | 225 | 225 | 111 | 53 |
| 58/ 57 | .1 | .5 | .4 | .7 | .4 | .7 | .6 | .5 | .3 | .0 | | | | | | | | | 273 | 273 | 131 | 44 |
| 56/ 55 | .3 | .8 | .5 | .7 | .7 | .7 | .7 | .8 | .3 | | | | | | | | | | 331 | 331 | 203 | 106 |
| 54/ 53 | .1 | .9 | .8 | .7 | 1.0 | .7 | .7 | .5 | .0 | | | | | | | | | | 337 | 337 | 251 | 109 |
| 52/ 51 | .4 | 1.0 | 1.1 | 1.0 | .9 | .8 | .9 | .2 | | | | | | | | | | | 407 | 407 | 310 | 164 |
| 50/ 49 | .4 | 1.2 | 1.4 | 1.5 | 1.2 | .8 | .4 | .2 | .0 | | | | | | | | | | 462 | 462 | 344 | 154 |
| 48/ 47 | .5 | 1.4 | 1.3 | 1.2 | 1.1 | .6 | .5 | .1 | | | | | | | | | | | 529 | 529 | 437 | 235 |
| 46/ 45 | .6 | 1.9 | 1.2 | 1.2 | 1.0 | .7 | .2 | .0 | | | | | | | | | | | 443 | 443 | 548 | 285 |
| 44/ 43 | .7 | 2.6 | 1.6 | 1.7 | .6 | .5 | .2 | | | | | | | | | | | | 506 | 506 | 598 | 310 |
| 42/ 41 | .6 | 2.3 | 1.8 | 1.4 | .8 | .3 | .0 | | | | | | | | | | | | 458 | 458 | 601 | 401 |
| 40/ 39 | 1.0 | 1.3 | 1.5 | 1.1 | .6 | .2 | .0 | | | | | | | | | | | | 373 | 373 | 578 | 518 |
| 38/ 37 | .5 | 1.6 | 1.1 | .8 | .5 | .1 | .0 | | | | | | | | | | | | 296 | 296 | 482 | 380 |
| 36/ 35 | .3 | 1.1 | 1.9 | 1.0 | .2 | .0 | | | | | | | | | | | | | 285 | 285 | 389 | 436 |
| 34/ 33 | .1 | .9 | 1.5 | .5 | .2 | .0 | | | | | | | | | | | | | 211 | 211 | 328 | 369 |
| 32/ 31 | .2 | .9 | 1.2 | .5 | .0 | | | | | | | | | | | | | | 185 | 185 | 320 | 506 |
| 30/ 29 | .2 | .6 | .6 | .1 | .0 | | | | | | | | | | | | | | 95 | 95 | 250 | 366 |
| 28/ 27 | .0 | .8 | .6 | .1 | | | | | | | | | | | | | | | 73 | 73 | 153 | 331 |
| 26/ 25 | | .4 | .2 | .1 | | | | | | | | | | | | | | | 38 | 38 | 106 | 356 |
| 24/ 23 | | .1 | .1 | .0 | | | | | | | | | | | | | | | 15 | 15 | 53 | 215 |
| 22/ 21 | | .1 | .1 | | | | | | | | | | | | | | | | 11 | 11 | 26 | 263 |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | | 9 | 9 | 14 | 250 |

| Element (X) | $\bar{X}_{DB}$ | $\bar{X}_{WB}$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stat. Num. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 90 F | ≥ 95 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JAN (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 |
| 18/ 17 | | .1 | .0 | | | | | | | | | | | | | | | 7 | 7 | 13 | 149 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 4 | 113 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 88 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 47 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 30 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 18 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 14 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 6.4 | 21.7 | 20.1 | 15.6 | 10.7 | 7.8 | 6.2 | 4.4 | 2.8 | 2.3 | 1.1 | .6 | .3 | .0 | .0 | .0 | | | 6432 | | 6432 |
| | | | | | | | | | | | | | | | | | | 6432 | | 6432 | |

| 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 |
| Ref. Num. | 29609228 | 411912 | 64.0 | 22.411 | 6432 | | | | | | | |
| Dry Bulb | 15820632 | 310818 | 48.3 | 11.159 | 6432 | | 50.1 | 51.1 | 17.0 | 1.6 | | 744 |
| Wet Bulb | 12066749 | 272507 | 42.4 | 9.008 | 6432 | | 108.6 | 1.9 | | | | 744 |
| Dew Point | 8886368 | 228154 | 35.4 | 11.392 | 6432 | .5 | 319.0 | | | | | 744 |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) FEB (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 |
| 70/ 69 | | | .2 | | | | | | | .2 | | | | | | | | 2 | 2 | | |
| 68/ 67 | | | .3 | .2 | .3 | | | | | .2 | .2 | | | | | | | 7 | 7 | | |
| 66/ 65 | | | 1.0 | .8 | .3 | .2 | | | | .2 | | .2 | | | | | | 16 | 16 | 1 | |
| 64/ 63 | | 2.0 | 1.0 | .5 | | | | .2 | .2 | | | | | | | | | 23 | 23 | 4 | |
| 62/ 61 | | .7 | .8 | .5 | | .2 | | | .2 | .2 | .2 | | | | | | | 16 | 16 | 22 | 10 |
| 60/ 59 | | 1.0 | .8 | 1.2 | .5 | .3 | | .7 | | | | | | | | | | 27 | 27 | 15 | 18 |
| 58/ 57 | 1.0 | 1.2 | .8 | 1.7 | .5 | .3 | | .7 | | | | | | | | | | 37 | 37 | 26 | 15 |
| 56/ 55 | .5 | 2.2 | .7 | .2 | .5 | .3 | .8 | .8 | .2 | | | | | | | | | 37 | 37 | 19 | 24 |
| 54/ 53 | .8 | 2.3 | .7 | .2 | 1.2 | 1.2 | .2 | .7 | | | | | | | | | | 43 | 43 | 29 | 26 |
| 52/ 51 | .7 | .7 | 2.0 | .7 | .8 | .5 | .8 | .3 | | | | | | | | | | 39 | 39 | 36 | 18 |
| 50/ 49 | | .5 | 2.3 | 1.7 | 1.0 | .3 | .7 | | | | | | | | | | | 39 | 39 | 18 | 18 |
| 48/ 47 | .5 | 2.8 | 1.2 | 2.2 | .5 | .5 | .5 | .3 | | | | | | | | | | 51 | 51 | 32 | 28 |
| 46/ 45 | .2 | 3.8 | 1.2 | 1.7 | .3 | .5 | | | | | | | | | | | | 46 | 46 | 54 | 22 |
| 44/ 43 | .3 | 2.6 | 2.2 | 1.7 | .8 | 1.2 | .2 | .3 | | | | | | | | | | 56 | 56 | 66 | 37 |
| 42/ 41 | .2 | 1.2 | 2.2 | 1.5 | .7 | .3 | .2 | | | | | | | | | | | 37 | 37 | 46 | 36 |
| 40/ 39 | .3 | 1.0 | 3.5 | 2.8 | 1.2 | | | | | | | | | | | | | 53 | 56 | 49 | 27 |
| 38/ 37 | .5 | 1.0 | 1.2 | 1.2 | .5 | .3 | | | | | | | | | | | | 28 | 28 | 49 | 27 |
| 36/ 35 | | .3 | .8 | 1.0 | | .2 | | | | | | | | | | | | 14 | 14 | 37 | 39 |
| 34/ 33 | | .7 | 1.3 | .5 | | | | | | | | | | | | | | 15 | 15 | 39 | 33 |
| 32/ 31 | .2 | .3 | 1.0 | .3 | | | | | | | | | | | | | | 11 | 11 | 24 | 47 |
| 30/ 29 | | .3 | .2 | .5 | | | | | | | | | | | | | | 6 | 6 | 22 | 27 |
| 28/ 27 | | .2 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 22 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 3 | 26 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 3 | 14 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 26 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 26 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 15 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 7 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 5 | | | | | | | | | | | | | | | | | | | | | 6 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 88 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) FEB (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL O.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 |
| TOTAL | 5.1 | 24.7 | 25.2 | 20.7 | 9.1 | 6.3 | 3.3 | 4.0 | .5 | .7 | .3 | .2 | | | | | | 604 | 607 | 604 | 604 |

| 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. | 3091473 | 41339 | 68.4 | 20.850 | 604 | | | | | | | |
| Dry Bulb | 1475780 | 29434 | 48.5 | 8.946 | 607 | | 2.5 | 1.2 | | | | 84 |
| Wet Bulb | 1200920 | 26382 | 43.7 | 8.976 | 604 | | 8.6 | | | | | 84 |
| Dew Point | 938653 | 22525 | 37.3 | 12.789 | 604 | | 31.4 | | | | | 84 |

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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) FEB (MONTH)

 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 |
| 66/ 67 | | .3 | .2 | | | | | | | | | | | | | | | 3 | 3 | | |
| 64/ 65 | | .8 | .7 | | | | | | | | | | | | | | | 9 | 9 | 2 | |
| 64/ 63 | | 2.0 | .3 | .3 | | | | | | | | | | | | | | 16 | 16 | 11 | 4 |
| 62/ 61 | | 1.7 | .3 | .2 | | | | | | | | | | | | | | 13 | 13 | 16 | 14 |
| 60/ 59 | | 2.8 | .5 | | | | | .3 | .3 | | .2 | | | | | | | 25 | 25 | 14 | 14 |
| 58/ 57 | .7 | 2.1 | .8 | .3 | | .2 | | .5 | .3 | | | | | | | | | 30 | 30 | 21 | 17 |
| 56/ 55 | .5 | 1.3 | .3 | .2 | .5 | .2 | .2 | .3 | .2 | | | | | | | | | 22 | 22 | 25 | 30 |
| 54/ 53 | 1.2 | 2.0 | 1.5 | 1.2 | .7 | | .5 | .2 | | | | | | | | | | 43 | 43 | 18 | 17 |
| 52/ 51 | .2 | 1.8 | 1.7 | .3 | .5 | .7 | .3 | .2 | | | | | | | | | | 34 | 34 | 16 | 15 |
| 50/ 49 | .7 | 1.2 | 1.8 | 1.8 | .5 | 1.5 | .5 | | | | | | | | | | | 48 | 48 | 26 | 18 |
| 48/ 47 | .5 | 3.6 | 2.5 | .8 | 1.2 | .5 | .2 | | | | | | | | | | | 56 | 56 | 35 | 20 |
| 46/ 45 | .3 | 2.6 | 1.2 | 1.3 | 1.2 | | | | | | | | | | | | | 40 | 40 | 48 | 31 |
| 44/ 43 | .3 | 4.0 | 1.3 | 1.3 | .2 | .3 | | | | | | | | | | | | 45 | 45 | 59 | 24 |
| 42/ 41 | .7 | 2.3 | 2.5 | 1.5 | .7 | .3 | .3 | | | | | | | | | | | 50 | 50 | 47 | 46 |
| 40/ 39 | 1.2 | 1.8 | 2.8 | .5 | .7 | .3 | | | | | | | | | | | | 44 | 47 | 58 | 40 |
| 38/ 37 | .5 | 2.0 | .5 | 3.5 | .3 | .2 | | | | | | | | | | | | 42 | 42 | 49 | 28 |
| 36/ 35 | | 1.2 | 2.0 | 1.3 | .2 | | | | | | | | | | | | | 28 | 28 | 31 | 31 |
| 34/ 33 | | 2.0 | 1.0 | .7 | | | | | | | | | | | | | | 22 | 22 | 32 | 27 |
| 32/ 31 | .2 | 1.3 | 1.0 | .8 | .2 | | | | | | | | | | | | | 21 | 21 | 41 | 39 |
| 30/ 29 | | .3 | .3 | .2 | .2 | | | | | | | | | | | | | 6 | 6 | 26 | 38 |
| 28/ 27 | .2 | .2 | | .7 | | | | | | | | | | | | | | 6 | 6 | 14 | 28 |
| 26/ 25 | | .2 | | .2 | | | | | | | | | | | | | | 2 | 2 | 7 | 35 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 5 | 9 |
| 22/ 21 | | | .2 | | | | | | | | | | | | | | | 1 | 1 | 4 | 17 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 28 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 14 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 6 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 6.9 | 37.5 | 23.3 | 17.0 | 6.8 | 4.1 | 2.0 | 1.5 | .8 | | .2 | | | | | | | 606 | 609 | 606 | 606 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3523978 | 44648 | 73.7 | 19.686 | 606 | | | | | | | |
| Dry Bulb | 1357437 | 28215 | 46.3 | 9.090 | 609 | | 5.0 | .4 | | | | 84 |
| Wet Bulb | 1155424 | 25828 | 42.6 | 8.502 | 606 | | 13.6 | | | | | 84 |
| Dew Point | 951379 | 22701 | 37.5 | 12.920 | 606 | | 31.9 | | | | | 84 |

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) FEB (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/ 67 | | .1 | .2 | | .1 | | | | | | | | | | | | | 4 | 4 | | |
| 66/ 65 | | .6 | .1 | | | | | | | | | | | | | | | 6 | 6 | 2 | |
| 64/ 63 | .1 | 1.7 | .5 | | | | | | | | | | | | | | | 19 | 19 | 8 | 4 |
| 62/ 61 | .1 | 1.2 | .6 | .2 | | | | | | | | | | | | | | 18 | 18 | 24 | 16 |
| 60/ 59 | .2 | 1.2 | | | | | | .1 | .1 | | | | | | | | | 14 | 14 | 12 | 19 |
| 58/ 57 | 1.1 | 2.5 | .2 | | | .1 | .1 | .1 | | | | | | | | | | 34 | 34 | 26 | 20 |
| 56/ 55 | 1.1 | 2.9 | .4 | | | | .1 | .2 | | | | | | | | | | 38 | 38 | 35 | 38 |
| 54/ 53 | .4 | 2.6 | .6 | | .4 | .5 | .1 | .1 | | | | | | | | | | 38 | 38 | 25 | 22 |
| 52/ 51 | .7 | 3.6 | 1.9 | .9 | .7 | 1.0 | .4 | | | | | | | | | | | 74 | 74 | 35 | 34 |
| 50/ 49 | .1 | 1.0 | 1.2 | .2 | .6 | .7 | .4 | .1 | | | | | | | | | | 36 | 36 | 27 | 27 |
| 48/ 47 | .4 | 3.7 | 1.2 | .9 | .6 | 1.1 | .1 | | | | | | | | | | | 65 | 65 | 34 | 25 |
| 46/ 45 | .7 | 4.2 | 2.2 | 1.2 | .5 | .5 | | | | | | | | | | | | 76 | 76 | 68 | 39 |
| 44/ 43 | .6 | 3.1 | 2.0 | 1.7 | .4 | .5 | | | | | | | | | | | | 67 | 67 | 63 | 35 |
| 42/ 41 | 1.0 | 2.1 | 2.6 | 1.4 | .2 | .2 | | | | | | | | | | | | 61 | 61 | 67 | 44 |
| 40/ 39 | 1.1 | 2.4 | 3.0 | .2 | .4 | .2 | | | | | | | | | | | | 59 | 59 | 73 | 51 |
| 38/ 37 | .1 | 2.4 | 1.1 | 1.0 | .7 | .2 | | | | | | | | | | | | 45 | 47 | 66 | 44 |
| 36/ 35 | .2 | 1.7 | 1.1 | 1.6 | .2 | .1 | | | | | | | | | | | | 41 | 42 | 54 | 34 |
| 34/ 33 | | 1.4 | 2.6 | 1.5 | .1 | | | | | | | | | | | | | 45 | 45 | 35 | 43 |
| 32/ 31 | .1 | 1.7 | 1.0 | 1.1 | .2 | | | | | | | | | | | | | 34 | 34 | 35 | 56 |
| 30/ 29 | | .9 | .4 | .1 | .2 | | | | | | | | | | | | | 13 | 13 | 58 | 46 |
| 28/ 27 | .1 | | .2 | | | | | | | | | | | | | | | 3 | 3 | 25 | 35 |
| 26/ 25 | | .5 | | .1 | | | | | | | | | | | | | | 5 | 5 | 15 | 38 |
| 24/ 23 | | .9 | | .1 | | | | | | | | | | | | | | 8 | 8 | 9 | 20 |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 5 | 22 |
| 20/ 19 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 2 | 27 |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 29 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 3 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 5 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |

| 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. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) FEB (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 |
| TOTAL | 8.4 | 2.6 | 23.5 | 12.4 | 5.6 | 5.3 | 1.2 | .7 | .1 | | | | | | | | | 807 | 810 | 807 | 807 |

| Element (X) | $\sum X^2$ | $\sum X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Hours No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 95 F | Total |
| Sat. Num. | 8936109 | 61229 | 75.9 | 8.985 | 807 | | | | | | | |
| Dry Bulb | 1712380 | 36986 | 45.8 | 9.228 | 810 | | 6.2 | .8 | | | | 88 |
| Wet Bulb | 1866808 | 33728 | 41.8 | 8.801 | 807 | | 18.2 | | | | | 88 |
| Dew Point | 1282738 | 28968 | 37.1 | 13.086 | 807 | | 32.6 | | | | | 88 |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) FEB (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 |
| 78/ 77 | | | | | | | | | | .1 | | .1 | | | | | | 2 | 2 | | |
| 76/ 75 | | | | | | | | | | | | | .2 | | | | | 2 | 2 | | |
| 74/ 73 | | | | .1 | .1 | .1 | | | | .1 | | | | | | | | 4 | 4 | | |
| 72/ 71 | | | | .1 | | | | | | | .2 | | | | | | | 3 | 3 | | |
| 70/ 69 | | | .2 | .2 | .1 | | | | .1 | .1 | .2 | | .1 | | | | | 10 | 10 | | |
| 68/ 67 | | .1 | .1 | .5 | .1 | .1 | .4 | .1 | .1 | .1 | .2 | | | | | | | 16 | 16 | 1 | |
| 66/ 65 | | .6 | .7 | .5 | .4 | | .2 | .1 | | .5 | .1 | .1 | | | | | | 27 | 27 | 8 | 3 |
| 64/ 63 | .2 | 1.1 | 1.0 | .6 | .4 | .4 | .1 | .1 | .5 | | .4 | | | | | | | 39 | 39 | 14 | 7 |
| 62/ 61 | .1 | 1.2 | 1.0 | .2 | .8 | .5 | .2 | .8 | .2 | .4 | | | | | | | | 46 | 46 | 23 | 21 |
| 60/ 59 | .2 | 2.6 | .5 | .6 | .7 | .7 | .5 | .2 | .8 | .1 | | | | | | | | 55 | 55 | 28 | 18 |
| 58/ 57 | .8 | 2.4 | 1.0 | .7 | .6 | .4 | .6 | 1.3 | .4 | .4 | | | | | | | | 71 | 71 | 44 | 36 |
| 56/ 55 | .5 | 1.9 | .6 | 1.0 | 1.0 | 1.2 | .5 | .7 | .6 | | | | | | | | | 66 | 66 | 42 | 38 |
| 54/ 53 | .5 | 1.8 | 1.2 | .6 | 1.2 | .4 | .8 | 1.0 | .1 | | | | | | | | | 63 | 63 | 46 | 29 |
| 52/ 51 | .7 | .8 | 1.2 | 1.2 | 2.3 | 1.0 | .6 | .6 | .1 | | | | | | | | | 71 | 71 | 49 | 31 |
| 50/ 49 | .2 | 1.8 | 1.7 | 1.6 | .8 | .6 | 1.1 | .4 | | | | | | | | | | 68 | 69 | 53 | 24 |
| 48/ 47 | .5 | 1.9 | .5 | 1.2 | 1.3 | .5 | .7 | | | | | | | | | | | 55 | 55 | 44 | 42 |
| 46/ 45 | .2 | 1.3 | 1.0 | 1.7 | .7 | 1.1 | .1 | .1 | | | | | | | | | | 52 | 52 | 77 | 39 |
| 44/ 43 | .1 | 2.3 | 1.8 | .7 | .2 | .5 | | | | | | | | | | | | 47 | 48 | 75 | 45 |
| 42/ 41 | .2 | 1.8 | 1.1 | .8 | .7 | .5 | | | | | | | | | | | | 43 | 43 | 75 | 43 |
| 40/ 39 | .2 | .6 | 1.3 | .6 | .6 | | | | | | | | | | | | | 28 | 28 | 74 | 36 |
| 38/ 37 | | .7 | .8 | 1.1 | .5 | | | | | | | | | | | | | 26 | 26 | 49 | 46 |
| 36/ 35 | | .1 | 1.1 | | | | | | | | | | | | | | | 10 | 10 | 29 | 53 |
| 34/ 33 | | .5 | .4 | .7 | | | | | | | | | | | | | | 13 | 13 | 29 | 37 |
| 32/ 31 | | .5 | .4 | | | | | | | | | | | | | | | 7 | 7 | 26 | 47 |
| 30/ 29 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 14 | 37 |
| 28/ 27 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 5 | 33 |
| 26/ 25 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 2 | 35 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 20 |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | 20 |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 29 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 28 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 19 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 7 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Num No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ref. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 90 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-24-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 70-73+81 YEARS | FEB MONTH

 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 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 7/ 1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 4.7 | 24.4 | 18.0 | 15.0 | 12.6 | 7.8 | 5.9 | 5.5 | 2.5 | 1.8 | 1.2 | .2 | .4 | | | | | | A33 | 835 | A33 | 833 |

| Element (H) | $\bar{x}$ | $s_x$ | $\bar{x}$ | $s_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | +0 F | +32 F | +47 F | +70 F | +80 F | +90 F | Total |
| Dry Bulb | 231.2878 | A3318 | 51.8 | 8.174 | A33 | | 1.4 | 3.7 | .8 | | | 84 |
| Wet Bulb | 182.1366 | 36251 | 45.8 | 8.833 | A33 | | 8.3 | .1 | | | | 84 |
| Dew Point | 130.2396 | 32128 | 38.4 | 6.182 | A33 | | 96.7 | | | | | 84 |

FORM AFM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 84/ 83 | | | | | | | | | .1 | | | | | .2 | .1 | | | 4 | 4 | | |
| 82/ 81 | | | | | | | | | .1 | | .1 | .5 | .2 | .1 | .2 | | | 11 | 11 | | |
| 80/ 79 | | | | | | | .1 | | .2 | | .2 | .1 | .2 | .6 | .1 | | | 14 | 14 | | |
| 78/ 77 | | | | | | | .4 | .1 | .5 | .2 | .8 | .1 | .5 | .2 | | | | 24 | 24 | | |
| 76/ 75 | | | | | .1 | | .5 | .4 | .2 | .4 | .1 | .2 | .1 | .1 | | | | 18 | 18 | | |
| 74/ 73 | | | | | .1 | .8 | .7 | | .4 | .5 | .5 | | .7 | | | | | 31 | 31 | | |
| 72/ 71 | | | | | .4 | .8 | .2 | .5 | .8 | .4 | .4 | .7 | .6 | | | | | 40 | 40 | | |
| 70/ 69 | | | | .4 | 1.1 | .6 | .2 | .8 | .4 | .6 | .7 | .5 | .4 | | | | | 47 | 47 | | |
| 68/ 67 | | | .2 | .9 | .8 | .5 | .8 | .2 | 1.1 | .9 | .8 | .6 | | | | | | 59 | 59 | 3 | |
| 66/ 65 | .4 | .5 | .6 | .7 | .8 | .7 | .4 | .7 | .9 | .6 | .4 | .2 | | | | | | 58 | 58 | 15 | 3 |
| 64/ 63 | | .2 | .6 | 1.2 | .6 | .8 | .6 | .9 | .9 | .8 | .1 | | | | | | | 54 | 54 | 31 | 2 |
| 62/ 61 | | .5 | .9 | .5 | .7 | 1.2 | .5 | .5 | .9 | 1.3 | .4 | .1 | | | | | | 63 | 63 | 41 | 10 |
| 60/ 59 | | .7 | .6 | .5 | .6 | .7 | .7 | .8 | .5 | .8 | | | | | | | | 50 | 50 | 48 | 23 |
| 58/ 57 | | .4 | .6 | .5 | .5 | 1.1 | .8 | 1.2 | .7 | .4 | | | | | | | | 51 | 51 | 56 | 27 |
| 56/ 55 | .2 | .9 | 1.1 | .8 | .7 | 1.2 | .5 | .2 | .5 | .1 | | | | | | | | 53 | 53 | 52 | 52 |
| 54/ 53 | .2 | .8 | .1 | .5 | .9 | .7 | .8 | .1 | .1 | | | | | | | | | 37 | 37 | 67 | 29 |
| 52/ 51 | | 1.2 | .6 | .2 | 1.2 | .9 | .4 | .6 | | | | | | | | | | 43 | 43 | 63 | 32 |
| 50/ 49 | | .9 | .7 | .7 | .5 | .8 | .4 | .4 | | | | | | | | | | 37 | 37 | 81 | 31 |
| 48/ 47 | | 1.1 | .6 | .5 | 1.1 | .2 | .9 | | | | | | | | | | | 37 | 37 | 72 | 32 |
| 46/ 45 | | 1.4 | .8 | .5 | .9 | .8 | | | | | | | | | | | | 38 | 38 | 68 | 42 |
| 44/ 43 | .1 | 1.1 | 1.3 | .6 | .6 | .2 | | | | | | | | | | | | 31 | 31 | 77 | 46 |
| 42/ 41 | | .1 | .1 | .4 | .5 | .1 | | | | | | | | | | | | 10 | 10 | 50 | 47 |
| 40/ 39 | | .6 | .6 | .2 | .2 | | | | | | | | | | | | | 10 | 10 | 33 | 39 |
| 38/ 37 | | .2 | | .6 | .1 | | | | | | | | | | | | | 8 | 8 | 38 | 49 |
| 36/ 35 | | .1 | | .5 | | | | | | | | | | | | | | 5 | 5 | 17 | 35 |
| 34/ 33 | | | .4 | | .1 | | | | | | | | | | | | | 4 | 4 | 13 | 44 |
| 32/ 31 | | .1 | .1 | | .1 | | | | | | | | | | | | | 3 | 3 | 7 | 44 |
| 30/ 29 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 7 | 44 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 38 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 35 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 18 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 25 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 30 |

| Element (X) | $\bar{X}_{dt}$ | $\bar{X}_{wt}$ | $\bar{X}$ | $\sigma_x$ | Min. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM AWS FL 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) FEB (MONTH)

 1200-1800 (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 | | | | | | | | | | | | | | | | | | | | | | 20 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 15 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 12 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 9 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .9 | 10.8 | 9.7 | 10.2 | 12.5 | 11.9 | 8.9 | 7.5 | 8.8 | 7.0 | 8.5 | 3.1 | 2.7 | 1.3 | .6 | | | | 843 | | 843 | 843 |
| | | | | | | | | | | | | | | | | | | | 843 | | 843 | |

| (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 |
| Sat. Num. | 2611054 | 62384 | 50.3 | 23.873 | 843 | | | | | | | |
| Dry Bulb | 3117866 | 508852 | 89.8 | 18.875 | 843 | | .5 | 29.8 | 10.3 | 2.5 | | 84 |
| Wet Bulb | 2122083 | 41715 | 68.5 | 6.280 | 843 | | 1.8 | .2 | | | | 84 |
| Dew Point | 1363661 | 32063 | 38.0 | 3.155 | 843 | | 28.9 | | | | | 84 |

FORM 0-26-3 (OL A) JAN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) FEB (MONTH)

 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 | | | | | | | | | | | | | .1 | .1 | .1 | .2 | | 5 | 5 | | |
| 86/ 85 | | | | | | | | | | | .2 | | .2 | .2 | .5 | .4 | | 13 | 13 | | |
| 84/ 83 | | | | | | | | | | | .1 | .5 | .2 | .4 | .4 | .1 | | 14 | 14 | | |
| 82/ 81 | | | | | | | | | .5 | 1.1 | .6 | .4 | | .4 | 1.4 | | | 36 | 36 | | |
| 80/ 79 | | | | | | | | .6 | .8 | .5 | .8 | .6 | .8 | .5 | .4 | | | 42 | 42 | | |
| 78/ 77 | | | | | | | .1 | .4 | .4 | .4 | .6 | .2 | .4 | 1.0 | | | | 28 | 28 | | |
| 76/ 75 | | | | | | .1 | .2 | .4 | .2 | | .4 | 1.5 | .6 | .8 | | | | 36 | 36 | | |
| 74/ 73 | | | | | | .1 | .6 | .7 | .5 | .6 | 1.0 | .2 | .7 | .2 | | | | 39 | 39 | | |
| 72/ 71 | | | | | .2 | .6 | .4 | .5 | .8 | .4 | 1.1 | .6 | .5 | | | | | 42 | 42 | | |
| 70/ 69 | | | | .1 | .6 | .8 | .7 | .6 | .2 | .6 | 1.4 | 1.1 | .2 | | | | | 54 | 54 | | |
| 68/ 67 | | .1 | .2 | .6 | 1.1 | .8 | .7 | 1.2 | .7 | .4 | 1.2 | | | | | | | 59 | 59 | 1 | |
| 66/ 65 | | .7 | .5 | 1.0 | .4 | .2 | .7 | .1 | .2 | 1.3 | 1.9 | .4 | | | | | | 62 | 62 | 17 | 2 |
| 64/ 63 | | | .6 | .5 | .8 | 1.1 | 1.0 | | 1.3 | .8 | .8 | .1 | | | | | | 59 | 59 | 45 | 2 |
| 62/ 61 | | | .4 | .4 | .7 | .6 | 1.3 | .6 | 1.1 | .4 | .1 | | | | | | | 46 | 46 | 44 | 9 |
| 60/ 59 | | .2 | .4 | .2 | .8 | .5 | .8 | 1.0 | | .2 | | | | | | | | 35 | 35 | 62 | 10 |
| 58/ 57 | | .7 | | .2 | .4 | | 1.0 | .4 | .6 | .6 | | | | | | | | 32 | 32 | 51 | 22 |
| 56/ 55 | | .8 | .4 | .2 | .6 | .4 | .8 | .4 | .4 | | | | | | | | | 33 | 33 | 76 | 42 |
| 54/ 53 | | 1.3 | .1 | .4 | .1 | .8 | .6 | .7 | | | | | | | | | | 34 | 34 | 82 | 28 |
| 52/ 51 | .2 | .4 | .6 | .7 | .2 | .5 | | .4 | .4 | | | | | | | | | 28 | 28 | 75 | 44 |
| 50/ 49 | | 1.3 | .5 | .1 | 1.0 | .7 | .5 | .4 | | | | | | | | | | 37 | 37 | 59 | 42 |
| 48/ 47 | | .5 | 1.1 | 1.1 | .6 | .4 | .8 | | | | | | | | | | | 37 | 37 | 75 | 28 |
| 46/ 45 | | .6 | .6 | .5 | .7 | | | | | | | | | | | | | 20 | 20 | 75 | 41 |
| 44/ 43 | .5 | .2 | | .8 | .4 | | | | | | | | | | | | | 16 | 16 | 50 | 40 |
| 42/ 41 | | | .1 | .2 | .4 | | | | | | | | | | | | | 6 | 6 | 32 | 50 |
| 40/ 39 | | .4 | .2 | .5 | .1 | .1 | | | | | | | | | | | | 11 | 11 | 32 | 33 |
| 38/ 37 | | .4 | .1 | .1 | | .1 | | | | | | | | | | | | 6 | 6 | 30 | 33 |
| 36/ 35 | | | .1 | .4 | | .1 | | | | | | | | | | | | 5 | 5 | 13 | 34 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 11 | 44 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 58 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 5 | 42 |
| 28/ 27 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 43 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 37 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 27 |

| Element (X) | $\bar{X}_d$ | $S_X$ | $\bar{X}$ | $\sigma_d$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 88 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) FEB (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 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 29 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 42 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 21 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 9 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 11 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 4 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 7 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .7 | 8.0 | 5.8 | 8.0 | 9.1 | 8.0 | 10.3 | 8.1 | 8.1 | 7.2 | 10.3 | 5.6 | 3.8 | 3.7 | 2.7 | .7 | | 839 | 839 | 839 | 839 |

| 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 | ≤ 88 F | ≤ 93 F | Total |
| Rel. Hum. | 2053046 | 36442 | 43.4 | 23.687 | 839 | | | | | | | |
| Dry Bulb | 3585261 | 53407 | 63.6 | 11.972 | 839 | | .3 | 36.9 | 21.8 | 9.1 | | 84 |
| Wet Bulb | 2229700 | 42726 | 50.9 | 8.019 | 839 | | .9 | .1 | | | | 84 |
| Dew Point | 1294511 | 31151 | 37.1 | 12.829 | 839 | | 33.8 | | | | | 84 |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) FEB (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 |
| 86/ 85 | | | | | | | | | | | | .1 | | .1 | | | | 2 | 2 | | |
| 84/ 83 | | | | | | | | | | .1 | | .1 | | | .3 | .1 | | 5 | 5 | | |
| 82/ 81 | | | | | | | | | | .3 | .1 | | .4 | | | | | 6 | 6 | | |
| 80/ 79 | | | | | | | | | .4 | .4 | .3 | | | .5 | .1 | | | 13 | 13 | | |
| 78/ 77 | | | | | | | | .4 | .7 | | .4 | | .4 | .3 | | | | 16 | 16 | | |
| 76/ 75 | | | | | | | .4 | .5 | .3 | .4 | .7 | .3 | .8 | .4 | | | | 28 | 28 | | |
| 74/ 73 | | | | | | .3 | .3 | .7 | | .3 | .3 | .3 | | .1 | | | | 16 | 16 | | |
| 72/ 71 | | | | | .1 | .5 | .5 | .1 | .4 | .7 | .5 | .5 | .3 | | | | | 28 | 28 | | |
| 70/ 69 | | | | | .3 | 1.1 | .3 | .5 | .3 | .3 | .7 | .5 | .3 | | | | | 31 | 31 | | |
| 68/ 67 | | | .3 | .3 | .4 | 1.1 | .3 | .7 | .5 | .3 | .9 | .4 | | | | | | 38 | 38 | | |
| 66/ 65 | .1 | .1 | .5 | .8 | .9 | .7 | .4 | .4 | 1.5 | .4 | .4 | .1 | | | | | | 48 | 48 | 5 | 1 |
| 64/ 63 | | 1.3 | .5 | .9 | .8 | .3 | .7 | .3 | 1.5 | 1.1 | 1.1 | .4 | | | | | | 66 | 66 | 24 | 1 |
| 62/ 61 | .3 | | 1.2 | 1.1 | .8 | .7 | .7 | 1.1 | .3 | .4 | .1 | | | | | | | 49 | 49 | 37 | 11 |
| 60/ 59 | | .5 | 1.1 | .9 | .5 | .5 | .4 | 1.3 | .7 | .5 | .3 | | | | | | | 51 | 52 | 41 | 7 |
| 58/ 57 | .1 | .9 | .7 | .8 | 1.1 | .7 | 1.1 | .8 | .9 | .1 | | | | | | | | 54 | 55 | 47 | 14 |
| 56/ 55 | .4 | .4 | .5 | .5 | .3 | .7 | .9 | .5 | .3 | .1 | | | | | | | | 35 | 35 | 55 | 44 |
| 54/ 53 | | .9 | .3 | 1.9 | .5 | 1.3 | .8 | .3 | | | | | | | | | | 45 | 45 | 58 | 32 |
| 52/ 51 | .1 | 1.2 | .8 | .7 | .4 | .8 | .3 | .5 | | | | | | | | | | 36 | 36 | 53 | 51 |
| 50/ 49 | .3 | .7 | .9 | .5 | 1.7 | .5 | .7 | .4 | .1 | | | | | | | | | 44 | 45 | 65 | 22 |
| 48/ 47 | | 1.1 | .9 | .4 | .7 | .7 | .5 | | | | | | | | | | | 32 | 32 | 69 | 35 |
| 46/ 45 | .1 | 1.3 | .7 | .7 | 1.1 | .7 | .1 | | | | | | | | | | | 35 | 35 | 74 | 37 |
| 44/ 43 | .4 | .1 | .4 | 1.2 | .4 | .1 | | | | | | | | | | | | 20 | 20 | 57 | 45 |
| 42/ 41 | .3 | .1 | .9 | .8 | .1 | | | | | | | | | | | | | 17 | 17 | 50 | 36 |
| 40/ 39 | | .4 | .3 | .5 | .4 | | | | | | | | | | | | | 12 | 12 | 24 | 43 |
| 38/ 37 | .1 | .3 | .4 | .3 | .3 | .1 | | | | | | | | | | | | 11 | 11 | 43 | 17 |
| 36/ 35 | | | .3 | .1 | .1 | | | | | | | | | | | | | 4 | 4 | 19 | 32 |
| 34/ 33 | | | .4 | | .1 | | | | | | | | | | | | | 4 | 4 | 11 | 30 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 7 | 73 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 4 | 32 |
| 28/ 27 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 30 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 4 | 25 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 23 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 34 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 30 |

| Element (F) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) FEB (MONTH)

 1800-2000 (HOURS (L, S, Y.))

| 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 | | | | | | | | | | | | | | | | | | | | | 10 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 11 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 10 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 6 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 2.3 | 9.9 | 11.1 | 12.4 | 11.1 | 10.7 | 8.3 | 8.5 | 7.7 | 5.3 | 5.7 | 2.8 | 2.1 | 1.5 | .4 | .1 | | | 752 | | 749 |
| | | | | | | | | | | | | | | | | | | 749 | | 749 | |

| 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 | ≤ 92 F | Total |
| Rel. Hum. | 2802521 | 38853 | 51.3 | 23.931 | 749 | | | | | | | |
| Dry Bulb | 2705188 | 44348 | 59.0 | 20.937 | 752 | | .3 | 20.9 | 9.6 | 2.2 | | 84 |
| Wet Bulb | 1888632 | 36668 | 49.0 | 8.168 | 749 | | 1.9 | | | | | 84 |
| Dew Point | 1192987 | 28331 | 37.8 | 12.736 | 749 | | 32.8 | | | | | 84 |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) FEB (MONTH)

PAGE 1 2100-2300 (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 | | | | |
| 74/ 73 | | | | | | | .3 | | | | | | .1 | | | | | 3 | 3 | | |
| 72/ 71 | | | | | .1 | .6 | .1 | | .3 | .1 | | | | | | | | 9 | 9 | | |
| 70/ 69 | | | | .3 | .3 | .4 | .1 | .3 | .1 | | .4 | | | | | | | 14 | 14 | | |
| 68/ 67 | | | | | .6 | .4 | .4 | | | | | | | | | | | 10 | 10 | | |
| 66/ 65 | | | .1 | .8 | 1.1 | .3 | .1 | .6 | .3 | .3 | .1 | | | | | | | 27 | 27 | | |
| 64/ 63 | | .8 | 1.0 | .8 | 1.0 | .1 | .1 | | .6 | .4 | .3 | | | | | | | 37 | 37 | 5 | |
| 62/ 61 | .4 | 1.4 | .6 | .1 | .3 | .7 | .6 | .8 | .1 | .4 | | | | | | | | 39 | 39 | 25 | 10 |
| 60/ 59 | .4 | .6 | .6 | 1.4 | .7 | .4 | .4 | .4 | .6 | .1 | | | | | | | | 40 | 40 | 31 | 15 |
| 58/ 57 | .1 | 2.6 | .8 | 1.4 | | 1.1 | .7 | .6 | 1.0 | | | | | | | | | 60 | 60 | 27 | 14 |
| 56/ 55 | .3 | 2.2 | 1.9 | .8 | 1.0 | 1.0 | .6 | .7 | .3 | .3 | | | | | | | | 65 | 65 | 50 | 36 |
| 54/ 53 | | 1.2 | .7 | .7 | 1.2 | 1.8 | .7 | 1.4 | | | | | | | | | | 56 | 56 | 33 | 35 |
| 52/ 51 | .3 | 1.0 | 2.2 | .3 | 1.5 | .6 | .6 | .4 | .3 | | | | | | | | | 51 | 51 | 48 | 30 |
| 50/ 49 | .3 | .6 | 3.2 | 1.1 | 1.7 | .1 | .8 | .4 | .1 | | | | | | | | | 60 | 60 | 40 | 29 |
| 48/ 47 | .3 | 2.2 | 2.2 | 1.9 | 1.4 | .7 | 1.0 | .3 | | | | | | | | | | 72 | 73 | 58 | 33 |
| 46/ 45 | .3 | 1.9 | 1.7 | 1.2 | .4 | 1.2 | .4 | | | | | | | | | | | 52 | 52 | 80 | 44 |
| 44/ 43 | .4 | .7 | 1.2 | .8 | .7 | .7 | | | | | | | | | | | | 33 | 34 | 79 | 43 |
| 42/ 41 | | .8 | .7 | 2.2 | 1.0 | | | | | | | | | | | | | 34 | 35 | 58 | 38 |
| 40/ 39 | .3 | 1.1 | .7 | .6 | .1 | | .1 | | | | | | | | | | | 21 | 21 | 51 | 40 |
| 38/ 37 | .4 | | .3 | .4 | .3 | | | | | | | | | | | | | 10 | 10 | 46 | 33 |
| 36/ 35 | | | 1.2 | .6 | | | | | | | | | | | | | | 13 | 13 | 40 | 38 |
| 34/ 33 | | .3 | .8 | .1 | | | | | | | | | | | | | | 9 | 9 | 21 | 43 |
| 32/ 31 | | | .4 | .4 | | | | | | | | | | | | | | 6 | 6 | 13 | 52 |
| 30/ 29 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 24 |
| 28/ 27 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 19 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 6 | 21 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 30 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 19 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 33 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 22 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 8 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) FEB (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.4 | 17.9 | 20.3 | 16.0 | 13.2 | 10.1 | 7.0 | 5.8 | 3.6 | 1.7 | .8 | | .1 | | | | | 728 | | | 725 |
| | | | | | | | | | | | | | | | | | 725 | | 725 | | |

| 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. | 3180589 | 45273 | 62.8 | 22.096 | 725 | | | | | | | |
| Dry Bulb | 2050991 | 38101 | 52.3 | 8.848 | 728 | | 1.2 | 4.2 | .3 | | | 84 |
| Wet Bulb | 1579107 | 33301 | 45.9 | 8.270 | 725 | | 3.8 | | | | | 84 |
| Dew Point | 1164630 | 27596 | 38.1 | 12.561 | 725 | | 28.3 | | | | | 84 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 |
| 90/ 89 | | | | | | | | | | | | | | .0 | | | | 1 | 1 | | |
| 88/ 87 | | | | | | | | | | | | | .0 | .0 | .0 | .0 | | 5 | 5 | | |
| 86/ 85 | | | | | | | | | | | .0 | .0 | .0 | .0 | .1 | .0 | | 16 | 16 | | |
| 84/ 83 | | | | | | | | | .0 | .0 | .0 | .1 | .0 | .1 | .1 | .0 | | 23 | 23 | | |
| 82/ 81 | | | | | | | | | .1 | .2 | .1 | .1 | .1 | .1 | .2 | | | 53 | 53 | | |
| 80/ 79 | | | | | | | .0 | .1 | .2 | .1 | .2 | .1 | .1 | .2 | .1 | | | 69 | 69 | | |
| 78/ 77 | | | | | | | .1 | .1 | .2 | .1 | .2 | .1 | .2 | .2 | | | | 70 | 70 | | |
| 76/ 75 | | | | | .0 | .0 | .1 | .2 | .1 | .1 | .1 | .3 | .2 | .2 | | | | 84 | 84 | | |
| 74/ 73 | | | | .0 | .0 | .2 | .2 | .2 | .1 | .2 | .2 | .1 | .2 | .0 | | | | 93 | 93 | | |
| 72/ 71 | | | | .0 | .1 | .3 | .2 | .1 | .3 | .2 | .3 | .2 | .2 | | | | | 122 | 122 | | |
| 70/ 69 | | | .0 | .1 | .3 | .4 | .2 | .3 | .1 | .2 | .5 | .3 | .1 | | | | | 158 | 158 | | |
| 68/ 67 | | .1 | .2 | .3 | .4 | .4 | .3 | .3 | .3 | .2 | .4 | .1 | | | | | | 196 | 196 | 5 | |
| 66/ 65 | .1 | .4 | .5 | .6 | .5 | .3 | .2 | .2 | .4 | .4 | .4 | .1 | | | | | | 253 | 253 | 50 | 9 |
| 64/ 63 | .0 | 1.1 | .7 | .6 | .5 | .3 | .3 | .2 | .6 | .4 | .3 | .1 | | | | | | 313 | 313 | 142 | 20 |
| 62/ 61 | .1 | .8 | .7 | .4 | .4 | .5 | .4 | .5 | .4 | .4 | .1 | .0 | | | | | | 290 | 290 | 232 | 101 |
| 60/ 59 | .1 | 1.2 | .5 | .6 | .5 | .4 | .4 | .6 | .3 | .2 | .0 | | | | | | | 297 | 298 | 251 | 124 |
| 58/ 57 | .5 | 1.6 | .6 | .7 | .4 | .5 | .6 | .7 | .5 | .2 | | | | | | | | 369 | 370 | 298 | 165 |
| 56/ 55 | .4 | 1.6 | .7 | .5 | .6 | .6 | .5 | .5 | .3 | .1 | | | | | | | | 349 | 349 | 354 | 304 |
| 54/ 53 | .3 | 1.6 | .6 | .6 | .8 | .8 | .6 | .5 | .0 | | | | | | | | | 359 | 359 | 358 | 218 |
| 52/ 51 | .4 | 1.3 | 1.3 | .6 | 1.0 | .7 | .4 | .4 | .1 | | | | | | | | | 376 | 376 | 375 | 255 |
| 50/ 49 | .2 | 1.0 | 1.5 | .9 | 1.0 | .7 | .6 | .3 | .0 | | | | | | | | | 369 | 371 | 369 | 211 |
| 48/ 47 | .2 | 2.0 | 1.2 | 1.1 | .9 | .6 | .6 | .1 | | | | | | | | | | 405 | 406 | 439 | 243 |
| 46/ 45 | .2 | 2.1 | 1.1 | 1.1 | .7 | .6 | .1 | .0 | | | | | | | | | | 359 | 359 | 544 | 295 |
| 44/ 43 | .3 | 1.7 | 1.2 | 1.1 | .4 | .4 | .0 | .0 | | | | | | | | | | 315 | 317 | 526 | 315 |
| 42/ 41 | .3 | 1.0 | 1.2 | 1.0 | .5 | .2 | .0 | | | | | | | | | | | 258 | 259 | 425 | 340 |
| 40/ 39 | .4 | 1.0 | 1.4 | .7 | .4 | .1 | .0 | | | | | | | | | | | 238 | 244 | 394 | 309 |
| 38/ 37 | .2 | .8 | .5 | .9 | .3 | .1 | | | | | | | | | | | | 176 | 178 | 370 | 277 |
| 36/ 35 | .0 | .4 | .8 | .6 | .1 | .0 | | | | | | | | | | | | 120 | 121 | 240 | 296 |
| 34/ 33 | | .5 | .8 | .4 | .0 | | | | | | | | | | | | | 112 | 112 | 191 | 301 |
| 32/ 31 | .0 | .5 | .4 | .3 | .1 | | | | | | | | | | | | | 82 | 82 | 153 | 316 |
| 30/ 29 | | .2 | .1 | .1 | .0 | | | | | | | | | | | | | 30 | 30 | 146 | 290 |
| 28/ 27 | .0 | .2 | .0 | .1 | | | | | | | | | | | | | | 21 | 21 | 64 | 248 |
| 26/ 25 | | .1 | .0 | .0 | | | | | | | | | | | | | | 9 | 9 | 39 | 252 |
| 24/ 23 | | .1 | .0 | .0 | | | | | | | | | | | | | | 9 | 9 | 20 | 161 |

| 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. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) FEB (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 |
| 22/ 21 | | | .0 | | | | | | | | | | | | | | | 3 | 3 | 11 | 192 |
| 20/ 19 | | .0 | .0 | | | | | | | | | | | | | | | 3 | 3 | 4 | 245 |
| 18/ 17 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 159 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 85 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 54 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 30 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 29 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 14 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 26 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 14 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 8 |
| TOTAL | 3.9 | 21.4 | 16.6 | 13.6 | 10.1 | 8.2 | 6.1 | 5.4 | 4.2 | 3.2 | 3.1 | 1.6 | 1.2 | .9 | .5 | .1 | | | 6023 | | 6006 |
| | | | | | | | | | | | | | | | | | | 6006 | | 6006 | |

| 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. | 25763026 | 363868 | 60.6 | 24.888 | 6006 | | | | | | | |
| Dry Bulb | 18282454 | 323952 | 53.8 | 11.939 | 6023 | | 17.6 | 99.3 | 96.2 | 15.2 | | 672 |
| Wet Bulb | 13440064 | 278592 | 46.4 | 9.282 | 6006 | | 89.6 | .8 | | | | 672 |
| Dew Point | 9538263 | 226439 | 37.7 | 12.911 | 6006 | | 288.7 | | | | | 672 |

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) MAR (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 |
| 80/ 79 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 78/ 77 | | | | | | | | | | | | .3 | | | | | | 2 | 2 | | |
| 76/ 75 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 74/ 73 | | | | .3 | .1 | | .4 | | | | | .1 | | | | | | 7 | 7 | | |
| 72/ 71 | | | .6 | .6 | .3 | .6 | | | | | .1 | .3 | .1 | | | | | 18 | 18 | | |
| 70/ 69 | | .3 | 1.4 | .4 | .7 | .4 | | | | | .1 | | .1 | | | | | 25 | 25 | 1 | |
| 68/ 67 | | 1.8 | 1.1 | 1.0 | 1.3 | .4 | | | .1 | .4 | .3 | .4 | | | | | | 49 | 49 | 12 | 3 |
| 66/ 65 | .3 | .8 | .7 | .7 | 1.1 | .3 | | .3 | | .4 | .1 | .3 | | | | | | 36 | 36 | 31 | 18 |
| 64/ 63 | .3 | 2.0 | .8 | 1.3 | 1.0 | 1.1 | | .1 | .8 | .3 | .3 | | | | | | | 57 | 57 | 24 | 25 |
| 62/ 61 | .1 | 2.1 | 1.7 | .7 | 1.5 | 1.1 | .4 | .7 | .4 | .6 | | | | | | | | 67 | 67 | 40 | 21 |
| 60/ 59 | .1 | .8 | 1.5 | .6 | .7 | 1.7 | .7 | 1.1 | .8 | .3 | | | | | | | | 60 | 60 | 38 | 26 |
| 58/ 57 | | 1.5 | 1.5 | 2.1 | 1.4 | 1.8 | .8 | .6 | .1 | | | | | | | | | 71 | 71 | 45 | 26 |
| 56/ 55 | .3 | 1.3 | 1.4 | .8 | 1.4 | 1.1 | 1.0 | .4 | | | | | | | | | | 55 | 55 | 35 | 41 |
| 54/ 53 | | .7 | .4 | 1.1 | 1.4 | .6 | 1.4 | .3 | | | | | | | | | | 42 | 42 | 47 | 38 |
| 52/ 51 | .3 | 1.3 | 1.1 | 1.0 | 1.8 | 2.0 | 1.1 | | | | | | | | | | | 61 | 61 | 47 | 33 |
| 50/ 49 | | 2.0 | .8 | 1.1 | 1.4 | 2.0 | .4 | | | | | | | | | | | 55 | 55 | 57 | 23 |
| 48/ 47 | | .3 | 1.3 | 1.3 | 1.0 | .8 | | | | | | | | | | | | 33 | 33 | 74 | 47 |
| 46/ 45 | | .3 | .1 | 1.0 | 1.0 | | .1 | | | | | | | | | | | 18 | 18 | 61 | 28 |
| 44/ 43 | | .4 | .4 | .7 | .7 | .1 | | | | | | | | | | | | 17 | 17 | 52 | 28 |
| 42/ 41 | | .4 | .3 | 1.0 | .3 | .3 | | | | | | | | | | | | 16 | 16 | 57 | 30 |
| 40/ 39 | | .1 | .4 | .4 | .3 | | .4 | | | | | | | | | | | 12 | 12 | 38 | 39 |
| 38/ 37 | | .1 | | .3 | | | | | | | | | | | | | | 3 | 3 | 19 | 33 |
| 36/ 35 | | | .1 | .3 | | | | | | | | | | | | | | 3 | 3 | 13 | 34 |
| 34/ 33 | | | .1 | | .1 | | | | | | | | | | | | | 2 | 2 | 8 | 30 |
| 32/ 31 | | | | | .3 | | | | | | | | | | | | | 2 | 2 | 6 | 33 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 2 | 38 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 | 26 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 32 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 13 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 13 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 10 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 7 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 7 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 5 |

| Element (X) | $\Sigma_n X'$ | $\Sigma_n X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) MAR (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 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.4 | 16.3 | 16.0 | 16.7 | 17.8 | 14.3 | 6.9 | 3.5 | 2.4 | 2.0 | 1.0 | 1.5 | .3 | | | | | | 713 | | 713 |
| | | | | | | | | | | | | | | | | | | 713 | | 713 | |

| 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. | 3050211 | 448057 | 61.8 | 21.460 | 713 | | | | | | | |
| Dry Bulb | 2369765 | 490671 | 57.0 | 8.369 | 713 | | .3 | 13.4 | 1.4 | | | 93 |
| Wet Bulb | 1842939 | 358699 | 50.1 | 8.832 | 713 | | 1.8 | 1.7 | | | | 93 |
| Dew Point | 1610255 | 301177 | 42.3 | 13.470 | 713 | .4 | 28.8 | .8 | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-94321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) MAR (MONTH)

 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 |
| 74/ 73 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| 72/ 71 | | | .1 | .1 | | | | | | | | .1 | | | | | | 3 | 3 | | |
| 70/ 69 | | 1.0 | .8 | .4 | .1 | | .3 | | | .1 | | | | | | | | 20 | 20 | | |
| 68/ 67 | | 2.3 | .7 | .6 | .3 | | .1 | | .3 | | .1 | .6 | | | | | | 36 | 36 | 11 | 3 |
| 66/ 65 | .4 | 2.1 | .4 | .1 | .4 | .1 | | .1 | .6 | .1 | .1 | | | | | | | 33 | 33 | 36 | 29 |
| 64/ 63 | | 2.6 | 1.0 | .6 | .4 | | .1 | .6 | .1 | | .1 | | | | | | | 40 | 40 | 18 | 17 |
| 62/ 61 | .6 | 2.9 | 1.2 | 1.7 | .7 | .1 | .1 | .1 | .4 | .4 | .3 | | | | | | | 62 | 62 | 31 | 24 |
| 60/ 59 | .1 | 3.9 | .8 | .6 | .6 | 1.0 | | .6 | .6 | .4 | | | | | | | | 61 | 61 | 39 | 31 |
| 58/ 57 | .4 | 1.5 | 2.6 | 1.1 | .7 | .8 | .3 | .6 | .3 | .1 | | | | | | | | 61 | 61 | 46 | 42 |
| 56/ 55 | .3 | 1.7 | 1.0 | 1.5 | 1.5 | .6 | .8 | .4 | | | | | | | | | | 56 | 56 | 34 | 26 |
| 54/ 53 | | 2.3 | 1.0 | 1.9 | 1.2 | .3 | 1.0 | .3 | .1 | | | | | | | | | 59 | 59 | 43 | 29 |
| 52/ 51 | .4 | 1.8 | 1.2 | .7 | 1.2 | 1.5 | .4 | | | | | | | | | | | 53 | 53 | 42 | 39 |
| 50/ 49 | .1 | 2.2 | .4 | 1.5 | 1.4 | 1.4 | .3 | | | | | | | | | | | 53 | 53 | 63 | 33 |
| 48/ 47 | .3 | .7 | 1.0 | 2.1 | 2.2 | .6 | | | | | | | | | | | | 49 | 49 | 57 | 37 |
| 46/ 45 | | 1.1 | 1.5 | 1.1 | 1.0 | | | | | | | | | | | | | 34 | 34 | 37 | 32 |
| 44/ 43 | | .7 | .6 | 1.2 | .6 | .1 | | | | | | | | | | | | 23 | 23 | 67 | 30 |
| 42/ 41 | | .8 | 1.4 | 1.2 | .1 | .1 | | | | | | | | | | | | 27 | 27 | 60 | 23 |
| 40/ 39 | .3 | .6 | .7 | .4 | .1 | .1 | | | | | | | | | | | | 16 | 16 | 49 | 40 |
| 38/ 37 | | .7 | .7 | .4 | .3 | .1 | .3 | | | | | | | | | | | 18 | 18 | 39 | 32 |
| 36/ 35 | | .6 | .1 | .3 | .1 | | | | | | | | | | | | | 8 | 8 | 17 | 80 |
| 34/ 33 | | | .6 | .3 | | | | | | | | | | | | | | 6 | 6 | 9 | 34 |
| 32/ 31 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 7 | 37 |
| 30/ 29 | | | | | .3 | | | | | | | | | | | | | 2 | 2 | 11 | 30 |
| 28/ 27 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 2 | 38 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 3 | 17 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 13 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 15 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 6 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 6 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 5 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |

| Element (X) | $\bar{x}_{wb}$ | $\bar{x}_{db}$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 88 F | ≥ 92 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70,73,75-81 MAR

PAGE 2 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 |
| ≤ -1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| -2 / -3 | | | | | | | | | | | | | | | | | | | | | | 1 |
| -4 / -7 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.9 | 29.8 | 18.0 | 8.1 | 3.3 | 6.9 | 3.7 | 2.6 | 2.3 | 1.2 | .8 | .7 | | | | | | | | 724 | | 724 |
| | | | | | | | | | | | | | | | | | | | 724 | | 724 | |

| 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. | 3732008 | 495898 | 68.5 | 21.520 | 724 | | | | | | | |
| Dry Bulb | 2192359 | 39329 | 54.3 | 8.796 | 724 | | .6 | 7.7 | .1 | | | 93 |
| Wet Bulb | 1798476 | 35438 | 48.9 | 8.399 | 724 | | 3.3 | 1.8 | | | | 93 |
| Dew Point | 1456987 | 30917 | 42.7 | 13.752 | 724 | .8 | 23.8 | .8 | | | * | 93 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (MONTH)

 0600-0800 (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 | | | | |
| 70/ 69 | | .6 | 1.0 | .2 | | | | | | .1 | | | | | | | | | 17 | 17 | | |
| 68/ 67 | .1 | 2.4 | .9 | .2 | | | | | | | | .3 | | | | | | | 36 | 36 | 11 | 6 |
| 66/ 65 | .4 | 3.7 | .3 | .2 | | .2 | | .1 | .3 | | | | | | | | | | 48 | 48 | 51 | 20 |
| 64/ 63 | .1 | 3.7 | .8 | .1 | .1 | .1 | .1 | .7 | .1 | .1 | | | | | | | | | 53 | 53 | 35 | 49 |
| 62/ 61 | .8 | 3.1 | 1.2 | .7 | .6 | .2 | .1 | .3 | | | | | | | | | | | 63 | 63 | 44 | 46 |
| 60/ 59 | .6 | 2.3 | 1.3 | .6 | .4 | .3 | .4 | .3 | .2 | | | | | | | | | | 59 | 59 | 39 | 36 |
| 58/ 57 | .4 | 3.3 | 2.1 | 1.0 | .9 | .7 | .6 | .9 | .4 | | | | | | | | | | 93 | 93 | 45 | 39 |
| 56/ 55 | .2 | 2.6 | 1.3 | .7 | .4 | .6 | .4 | .4 | .2 | | | | | | | | | | 62 | 62 | 50 | 33 |
| 54/ 53 | .1 | 1.3 | 1.3 | 1.7 | .7 | .7 | .8 | .3 | .1 | | | | | | | | | | 63 | 63 | 52 | 39 |
| 52/ 51 | .4 | 2.1 | 2.6 | 1.4 | 1.1 | .4 | .2 | | | | | | | | | | | | 75 | 75 | 47 | 48 |
| 50/ 49 | .3 | 1.8 | 2.4 | 1.7 | 1.8 | 1.0 | .3 | | | | | | | | | | | | 84 | 84 | 64 | 37 |
| 48/ 47 | | 1.8 | 1.1 | 1.8 | 1.1 | .3 | | .1 | | | | | | | | | | | 53 | 53 | 72 | 36 |
| 46/ 45 | | 1.1 | 1.9 | 1.6 | .7 | .1 | .1 | | | | | | | | | | | | 49 | 49 | 72 | 40 |
| 44/ 43 | | .6 | 1.2 | 1.2 | .2 | .1 | .1 | | | | | | | | | | | | 31 | 31 | 70 | 53 |
| 42/ 41 | | .7 | 1.9 | 1.3 | .2 | | | | | | | | | | | | | | 37 | 37 | 67 | 28 |
| 40/ 39 | | 1.0 | 1.0 | .4 | | | | | | | | | | | | | | | 22 | 22 | 57 | 46 |
| 38/ 37 | | 1.0 | .7 | .4 | | .2 | | | | | | | | | | | | | 21 | 21 | 50 | 56 |
| 36/ 35 | .1 | .2 | .7 | .4 | .1 | | | | | | | | | | | | | | 14 | 14 | 25 | 40 |
| 34/ 33 | | .4 | .6 | | .1 | | | | | | | | | | | | | | 10 | 10 | 18 | 54 |
| 32/ 31 | | | .1 | .2 | .1 | | | | | | | | | | | | | | 4 | 4 | 11 | 53 |
| 30/ 29 | | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 31 |
| 28/ 27 | | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 5 | 38 |
| 26/ 25 | | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 4 | 15 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 | 13 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 | 11 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 | 7 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 11 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 3.7 | 33.4 | 24.7 | 16.2 | 8.6 | 5.0 | 3.2 | 3.2 | 1.4 | .2 | | .3 | | | | | | | 900 | 900 | 900 | 900 |

| 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. | 5071822 | 65180 | 72.4 | 19.758 | 900 | | | | | | | |
| Dry Bulb | 2663010 | 48118 | 53.5 | 8.850 | 900 | | 1.0 | 5.5 | | | | 93 |
| Wet Bulb | 2281331 | 46085 | 49.0 | 9.661 | 900 | | 3.2 | 1.1 | | | | 93 |
| Dew Point | 1883855 | 39387 | 43.8 | 13.367 | 900 | | 20.0 | .6 | | | | 93 |

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (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 |
| 86/ 85 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 84/ 83 | | | | | | | | .1 | | | | | | | .1 | | | 2 | 2 | | |
| 82/ 81 | | | | | | .1 | | | | | .1 | | | | .1 | | | 3 | 3 | | |
| 80/ 79 | | | | | | .2 | | | .1 | | | | | .2 | | | | 5 | 5 | | |
| 78/ 77 | | | | | .1 | .1 | .2 | | .1 | | | .1 | .2 | | | | | 8 | 8 | | |
| 76/ 75 | | | | .3 | .3 | .3 | .1 | | | .3 | .1 | .1 | | | | | | 15 | 15 | | |
| 74/ 73 | | | .1 | .3 | .3 | .4 | .1 | .1 | .2 | .1 | .2 | .1 | .1 | | | | | 20 | 20 | | |
| 72/ 71 | | .1 | 1.1 | 1.0 | .5 | .2 | .4 | .1 | .6 | .3 | .4 | .2 | .1 | | | | | 48 | 48 | 2 | |
| 70/ 69 | | .8 | 2.5 | .5 | .8 | .3 | .1 | .3 | .8 | .5 | .3 | .3 | .1 | | | | | 68 | 68 | 14 | 1 |
| 68/ 67 | | 1.0 | 2.7 | 1.0 | 1.0 | .5 | .5 | .6 | 1.1 | .8 | .1 | .5 | | | | | | 88 | 88 | 33 | 16 |
| 66/ 65 | | 1.9 | 1.6 | 1.3 | .6 | .8 | 1.0 | 1.2 | .9 | .6 | .2 | .2 | | | | | | 96 | 96 | 50 | 31 |
| 64/ 63 | | 1.9 | 1.3 | 1.3 | 1.0 | .5 | .9 | .8 | .8 | .6 | .4 | | | | | | | 85 | 85 | 61 | 37 |
| 62/ 61 | .1 | 1.3 | 1.3 | .6 | 1.0 | 1.4 | 1.0 | .8 | .8 | .3 | .1 | | | | | | | 80 | 80 | 51 | 56 |
| 60/ 59 | .1 | 1.2 | 1.9 | .9 | 1.0 | .8 | .8 | 1.3 | 1.0 | | | | | | | | | 82 | 82 | 49 | 35 |
| 58/ 57 | | 1.5 | 1.2 | .5 | .9 | 1.4 | 1.3 | .2 | .3 | .2 | | | | | | | | 70 | 70 | 60 | 39 |
| 56/ 55 | .2 | .6 | .5 | 1.8 | 1.0 | 1.2 | .6 | .3 | .2 | | | | | | | | | 57 | 57 | 79 | 50 |
| 54/ 53 | .3 | .8 | .9 | 1.8 | .8 | .2 | .9 | .1 | .1 | | | | | | | | | 54 | 54 | 78 | 52 |
| 52/ 51 | | .9 | 1.3 | .4 | .9 | .8 | .4 | | | | | | | | | | | 43 | 43 | 74 | 34 |
| 50/ 49 | | .9 | .5 | .5 | .5 | .4 | .1 | .1 | | | | | | | | | | 29 | 29 | 85 | 30 |
| 48/ 47 | | .9 | .4 | .6 | .3 | .3 | .1 | | | | | | | | | | | 25 | 25 | 89 | 29 |
| 46/ 45 | | | .4 | .5 | .5 | .1 | | | | | | | | | | | | 15 | 15 | 71 | 60 |
| 44/ 43 | | | .2 | .1 | .4 | .2 | | | | | | | | | | | | 9 | 9 | 41 | 59 |
| 42/ 41 | | | .2 | .3 | .2 | | | | | | | | | | | | | 7 | 7 | 32 | 39 |
| 40/ 39 | | .1 | | .2 | .2 | .1 | | | | | | | | | | | | 6 | 6 | 20 | 41 |
| 38/ 37 | | .1 | | | | .2 | | | | | | | | | | | | 3 | 3 | 11 | 36 |
| 36/ 35 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | 11 | 52 |
| 34/ 33 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 3 | 40 |
| 32/ 31 | | | | | .3 | | | | | | | | | | | | | 3 | 3 | 3 | 30 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 22 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 4 | 32 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 28 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 11 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 14 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 7 |

| 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. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (MONTH)

 0900-1100 (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 | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 8 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .8 | 13.9 | 18.3 | 13.9 | 12.9 | 10.7 | 8.5 | 5.7 | 6.9 | 3.6 | 2.1 | 1.6 | .5 | .2 | .3 | | | 925 | 925 | 925 | 925 |

| 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 | ≤ 72 F | ≤ 80 F | ≤ 92 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3791890 | 55300 | 59.8 | 12.978 | 925 | | | | | | | |
| Dry Bulb | 3522477 | 54553 | 41.1 | 8.395 | 925 | | .1 | 25.9 | 5.9 | 1.0 | | 93 |
| Wet Bulb | 2674586 | 50128 | 53.1 | 8.536 | 925 | | 1.1 | 8.9 | | | | 93 |
| Dew Point | 2036572 | 41892 | 48.9 | 13.778 | 925 | | 17.9 | 1.7 | | | | 93 |

USAFETAC FORM AWS 7 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (MONTH)

 1200-1800 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 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 92/ 91 | | | | | | | | | | | | | | | | .2 | .3 | 5 | 5 | | |
| 90/ 89 | | | | | | | | | | | | | .1 | .2 | | .3 | | 6 | 6 | | |
| 88/ 87 | | | | | | | | | | .1 | | .1 | .1 | .2 | .1 | .2 | | 8 | 8 | | |
| 86/ 85 | | | | | | | | | .2 | .1 | | | .1 | .2 | .4 | .3 | | 13 | 13 | | |
| 84/ 83 | | | | | | | | .2 | .2 | .2 | .1 | | | .1 | | | | 8 | 8 | | |
| 82/ 81 | | | | .1 | | | .2 | .5 | .6 | .3 | .1 | .2 | .5 | .2 | .3 | | | 30 | 30 | | |
| 80/ 79 | | | | .1 | | .2 | .9 | .3 | .1 | .5 | .6 | .5 | .4 | .4 | | | | 39 | 39 | | |
| 78/ 77 | | | | .1 | .5 | .6 | 1.1 | .9 | .8 | .3 | 1.3 | .4 | .4 | .3 | | | | 63 | 63 | | |
| 76/ 75 | | | .1 | .2 | 1.2 | 1.4 | 1.1 | .5 | 1.0 | .5 | 1.0 | .8 | 1.3 | .4 | | | | 88 | 88 | 1 | |
| 74/ 73 | | | | 1.1 | .8 | 1.3 | .8 | .3 | .8 | .9 | 1.1 | 1.2 | .4 | | | | | 79 | 79 | 2 | 1 |
| 72/ 71 | | .1 | 1.1 | 1.3 | .5 | .8 | .8 | 1.2 | .8 | .8 | 1.0 | 1.3 | .8 | | | | | 95 | 95 | 3 | 2 |
| 70/ 69 | | | 1.5 | .5 | 1.5 | .8 | 1.2 | .8 | .9 | 1.3 | 1.6 | .9 | .1 | | | | | 102 | 102 | 21 | 2 |
| 68/ 67 | | .3 | .4 | .4 | .8 | .8 | 1.2 | .5 | 1.5 | 1.0 | .5 | .3 | | | | | | 72 | 72 | 63 | 5 |
| 66/ 65 | | .6 | .4 | .3 | .8 | .5 | 1.0 | 1.2 | .5 | .6 | .6 | .1 | | | | | | 63 | 63 | 74 | 32 |
| 64/ 63 | | .6 | .2 | .6 | .3 | 1.0 | .6 | .8 | .8 | .2 | .2 | | | | | | | 47 | 47 | 56 | 39 |
| 62/ 61 | | .4 | .3 | .3 | .4 | .8 | 1.0 | 1.1 | .6 | .3 | .2 | | | | | | | 51 | 51 | 64 | 48 |
| 60/ 59 | | .4 | .4 | .2 | .8 | .2 | .5 | .5 | .1 | .2 | | | | | | | | 32 | 32 | 71 | 41 |
| 58/ 57 | .2 | .2 | .1 | .2 | .5 | .3 | 1.2 | .4 | .1 | | | | | | | | | 31 | 31 | 89 | 45 |
| 56/ 55 | | .1 | | .5 | .3 | .2 | .2 | .5 | | | | | | | | | | 18 | 18 | 70 | 36 |
| 54/ 53 | | .4 | .1 | .3 | .3 | .3 | .3 | .1 | | | | | | | | | | 18 | 18 | 79 | 40 |
| 52/ 51 | | .4 | 1.0 | .3 | .1 | | .1 | .1 | | | | | | | | | | 19 | 19 | 97 | 36 |
| 50/ 49 | | .9 | .2 | .1 | .1 | .3 | .2 | | | | | | | | | | | 17 | 17 | 78 | 30 |
| 48/ 47 | | | | .1 | .1 | .4 | .2 | | | | | | | | | | | 8 | 8 | 70 | 45 |
| 46/ 45 | | | .1 | | .3 | | .1 | | | | | | | | | | | 5 | 5 | 32 | 56 |
| 44/ 43 | | .1 | .2 | | | .1 | .1 | | | | | | | | | | | 5 | 5 | 18 | 49 |
| 42/ 41 | | | .1 | | | .1 | | | | | | | | | | | | 2 | 2 | 16 | 35 |
| 40/ 39 | | | | | | .1 | .2 | | | | | | | | | | | 3 | 3 | 10 | 32 |
| 38/ 37 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 6 | 46 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 53 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 2 | 42 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 2 | 39 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 3 | 30 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 30 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 90 F | ≤ 92 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70-73-A1 (YEARS) MAR (MONTH)

 1200-1800 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 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 34 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 22 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 16 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 14 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 10 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .2 | 4.7 | 6.3 | 7.0 | 9.4 | 10.3 | 12.9 | 10.0 | 8.6 | 7.4 | 8.4 | 5.8 | 4.3 | 2.2 | .9 | 1.1 | .5 | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\bar{X}_T$ | $S_T$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Sol. Rad. | 23612869 | 621555 | 65.3 | 2.069 | 930 | | | | | | | |
| Dry Bulb | 8895168 | 620070 | 68.9 | 9.351 | 930 | | | 61.0 | 34.1 | 9.2 | .2 | 93 |
| Wet Bulb | 2965332 | 520000 | 55.9 | 7.888 | 930 | | .6 | 9.0 | .3 | | | 93 |
| Dew Point | 1950253 | 505591 | 53.6 | 5.866 | 930 | | 21.5 | 1.0 | .1 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (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 |
| 96/ 95 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .4 | 4 | 4 | | |
| 92/ 91 | | | | | | | | | | | | | | | .1 | .2 | .5 | 8 | 8 | | |
| 90/ 89 | | | | | | | | | | | | .1 | | | .3 | | .6 | 10 | 10 | | |
| 88/ 87 | | | | | | | | | | | .9 | .2 | | .3 | .4 | .4 | .2 | 23 | 23 | | |
| 86/ 85 | | | | | | | | | .4 | 1.1 | .1 | .1 | .2 | .1 | .9 | .1 | | 28 | 28 | | |
| 84/ 83 | | | | .1 | | | | .2 | .4 | .6 | .4 | .4 | .4 | 1.3 | .8 | | | 44 | 44 | | |
| 82/ 81 | | | | .1 | | | .6 | 1.2 | .3 | 1.2 | 1.4 | .5 | .6 | .4 | .2 | | | 62 | 62 | | |
| 80/ 79 | | | .1 | .1 | .2 | .6 | .5 | 1.4 | 1.1 | 1.0 | .3 | 1.5 | 1.3 | 1.0 | .1 | | | 86 | 86 | | |
| 78/ 77 | | | | | .5 | .6 | 1.3 | .8 | .8 | 1.2 | .8 | 1.2 | 1.7 | 1.2 | | | | 93 | 93 | 1 | |
| 76/ 75 | | | | .2 | .8 | .5 | .6 | 1.1 | .6 | .8 | .4 | 1.3 | 1.9 | 1.3 | | | | 89 | 89 | 2 | 1 |
| 74/ 73 | | | | 1.2 | .8 | .4 | .3 | .8 | .4 | .9 | .8 | 1.1 | .9 | | | | | 69 | 69 | 1 | 1 |
| 72/ 71 | | | .3 | .6 | .4 | .6 | 1.1 | .6 | .9 | .8 | 1.4 | 1.0 | | | | | | 72 | 72 | 7 | 2 |
| 70/ 69 | | .1 | .2 | .1 | .3 | 1.1 | .6 | .6 | 1.0 | 2.3 | .8 | 1.1 | .1 | | | | | 77 | 77 | 32 | 1 |
| 68/ 67 | | .2 | | .4 | .8 | .2 | 1.0 | .3 | 1.1 | .5 | .9 | .5 | | | | | | 55 | 55 | 66 | 7 |
| 66/ 65 | | .2 | .3 | .2 | | .1 | .9 | 1.1 | .8 | .6 | .4 | .2 | | | | | | 45 | 45 | 62 | 24 |
| 64/ 63 | | .1 | .3 | .1 | .3 | .5 | .5 | .3 | .5 | .3 | .1 | | | | | | | 30 | 30 | 58 | 29 |
| 62/ 61 | | .6 | .1 | | .3 | .3 | .5 | .8 | .3 | | | | | | | | | 28 | 28 | 81 | 31 |
| 60/ 59 | | .2 | | .1 | .2 | .1 | .8 | .3 | .8 | | | | | | | | | 23 | 23 | 77 | 36 |
| 58/ 57 | | .2 | | | | .1 | .2 | .2 | | | | | | | | | | 7 | 7 | 92 | 47 |
| 56/ 55 | | .1 | | .2 | .1 | | .4 | .3 | | | | | | | | | | 11 | 11 | 82 | 36 |
| 54/ 53 | | .3 | .6 | .8 | .4 | | .2 | .1 | | | | | | | | | | 23 | 23 | 81 | 41 |
| 52/ 51 | | .3 | .1 | .4 | .3 | | .3 | | | | | | | | | | | 14 | 14 | 104 | 33 |
| 50/ 49 | | .3 | | | .2 | .1 | .1 | | .2 | | | | | | | | | 9 | 9 | 66 | 47 |
| 48/ 47 | | | .3 | | | .2 | .1 | .1 | | | | | | | | | | 7 | 7 | 48 | 36 |
| 46/ 45 | | | | | | | | .2 | | | | | | | | | | 2 | 2 | 23 | 40 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 21 | 25 |
| 42/ 41 | | .1 | .2 | | | | .1 | | | | | | | | | | | 4 | 4 | 6 | 53 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 6 | 41 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 4 | 37 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 54 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 4 | 54 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 45 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 36 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (MONTH)

 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29/ 27 | | | | | | | | | | | | | | | | | | | | | 37 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 44 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 18 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 33 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 16 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 8 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 4 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | 2.9 | 2.7 | 4.8 | 5.7 | 5.7 | 10.4 | 10.5 | 9.6 | 11.2 | 8.6 | 9.3 | 7.2 | 5.6 | 2.8 | .8 | 2.2 | | 926 | | 926 |
| | | | | | | | | | | | | | | | | | | 926 | | 926 | |

| 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. | 1730225 | 35263 | 38.1 | 20.464 | 926 | | | | | | | |
| Dry Bulb | 4994172 | 67430 | 72.8 | 9.530 | 926 | | | 72.6 | 52.1 | 22.7 | .7 | 93 |
| Wet Bulb | 3048499 | 52681 | 56.9 | 7.456 | 926 | | .1 | 10.9 | .4 | | | 93 |
| Dew Point | 1820912 | 39072 | 42.2 | 13.688 | 926 | | 25.1 | 1.2 | .2 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) (JUN 77) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70.73-81 (YEARS) MAR (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 |
| 94/ 93 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 92/ 89 | | | | | | | | | | | | | | .1 | | | .1 | 2 | 2 | | |
| 88/ 87 | | | | | | | | | | | | .2 | | | | .1 | | 3 | 3 | | |
| 86/ 85 | | | | | | | | | | | .2 | | .1 | | .2 | .4 | | 8 | 8 | | |
| 84/ 83 | | | | | | | | | .4 | | .5 | | .2 | .5 | .2 | | | 15 | 15 | | |
| 82/ 81 | | | | | | | | .2 | .2 | .6 | .5 | .2 | .2 | .1 | .1 | | | 19 | 19 | | |
| 80/ 79 | | | | | .1 | .4 | .5 | .2 | .2 | 1.1 | .4 | .5 | .5 | .6 | .2 | | | 39 | 39 | | |
| 78/ 77 | | | | | .2 | .2 | .8 | .9 | .9 | .5 | .5 | .7 | 1.1 | .8 | | | | 57 | 57 | | |
| 76/ 75 | | | .1 | .1 | .4 | 1.1 | .2 | 1.1 | .7 | .4 | .7 | .7 | .9 | .4 | | | | 57 | 57 | | |
| 74/ 73 | | | | .7 | .6 | .8 | 1.1 | .5 | .7 | .1 | .8 | 1.1 | .7 | .1 | | | | 61 | 61 | 1 | |
| 72/ 71 | | | .7 | .8 | .6 | .7 | 1.4 | .5 | 1.1 | 1.4 | 1.2 | 1.8 | .2 | | | | | 88 | 88 | 1 | 1 |
| 70/ 69 | | .4 | .2 | .9 | .6 | .6 | .9 | .2 | 1.1 | 1.1 | 1.4 | .7 | .1 | | | | | 70 | 70 | 11 | |
| 68/ 67 | | .2 | .5 | .4 | .8 | .7 | .8 | 1.1 | 1.1 | 1.4 | 1.1 | .6 | | | | | | 73 | 73 | 33 | 4 |
| 66/ 65 | | .5 | .2 | .4 | .5 | .9 | 1.7 | 1.2 | 1.5 | 1.2 | 1.2 | .2 | | | | | | 80 | 80 | 39 | 15 |
| 64/ 63 | | .5 | .5 | .5 | .5 | .7 | .9 | .5 | 1.1 | .7 | | | | | | | | 49 | 49 | 61 | 20 |
| 62/ 61 | | .4 | .4 | .4 | .7 | .7 | .9 | 1.3 | .8 | .5 | .1 | | | | | | | 52 | 52 | 57 | 25 |
| 60/ 59 | | .8 | .4 | .4 | .7 | .8 | .7 | .6 | .6 | .1 | | | | | | | | 43 | 43 | 59 | 29 |
| 58/ 57 | | | .2 | .4 | .4 | .7 | .8 | .7 | .6 | .1 | | | | | | | | 33 | 33 | 52 | 32 |
| 56/ 55 | | .8 | .4 | .6 | .2 | .5 | .8 | .5 | .1 | | | | | | | | | 33 | 33 | 75 | 37 |
| 54/ 53 | | | .5 | .4 | .5 | .2 | .2 | .1 | .1 | | | | | | | | | 17 | 17 | 95 | 39 |
| 52/ 51 | | .4 | .1 | .6 | | | .1 | | | | | | | | | | | 10 | 10 | 99 | 43 |
| 50/ 49 | .2 | .1 | .4 | | .1 | .1 | .1 | | | | | | | | | | | 9 | 9 | 88 | 50 |
| 48/ 47 | | | .1 | | | .2 | .1 | | .1 | | | | | | | | | 5 | 5 | 62 | 35 |
| 46/ 45 | | | .1 | | .1 | .2 | .1 | | | | | | | | | | | 5 | 5 | 47 | 28 |
| 44/ 43 | | | .4 | | .1 | .1 | | .2 | | | | | | | | | | 7 | 7 | 26 | 32 |
| 42/ 41 | | | .5 | | .1 | | .2 | | | | | | | | | | | 7 | 7 | 9 | 44 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 12 | 35 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 6 | 36 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 3 | 43 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 3 | 41 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 2 | 50 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 2 | 39 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 34 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 44 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (MONTH)

 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 14 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 19 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 23 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 13 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 9 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .2 | 4.0 | 5.6 | 6.4 | 7.2 | 9.8 | 12.7 | 9.8 | 11.4 | 9.1 | 8.5 | 6.8 | 4.2 | 2.6 | .8 | .5 | .2 | | 843 | | 843 |
| | | | | | | | | | | | | | | | | | | 843 | | 843 | |

| 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. | 1926128 | 36046 | 42.8 | 21.379 | 843 | | | | | | | |
| Dry Bulb | 3947380 | 57190 | 67.8 | 8.957 | 843 | | | 54.8 | 28.9 | 7.6 | .1 | 93 |
| Wet Bulb | 2542567 | 45869 | 54.4 | 7.452 | 843 | | .4 | 5.1 | .1 | | | 93 |
| Dew Point | 1581526 | 34696 | 41.2 | 13.503 | 843 | .3 | 28.0 | .6 | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) MAR (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 |
| 80/ 79 | | | | | | .1 | | | | .1 | | | .1 | .1 | | | | 4 | 4 | | |
| 78/ 77 | | | | | .1 | | .2 | .1 | .1 | .2 | .1 | | | | | | | 8 | 8 | | |
| 76/ 75 | | | | .2 | | .4 | .2 | .4 | .1 | | | .1 | | | | | | 12 | 12 | | |
| 74/ 73 | | | | .2 | .1 | .6 | .7 | .1 | .1 | | .1 | .1 | .2 | | | | | 20 | 20 | | |
| 72/ 71 | | | .6 | 1.4 | .5 | .4 | .7 | .2 | .4 | .4 | .2 | .2 | | | | | | 42 | 42 | | |
| 70/ 69 | | .2 | 1.1 | .5 | .2 | 1.2 | .5 | .1 | .2 | | .8 | .1 | .4 | | | | | 45 | 45 | 4 | |
| 68/ 67 | .1 | .4 | 1.3 | 1.0 | 1.2 | 1.3 | .5 | .5 | .4 | .4 | .5 | .4 | | | | | | 65 | 65 | 19 | 3 |
| 66/ 65 | | .7 | 1.0 | 1.0 | 2.2 | .6 | .6 | .5 | .8 | 1.3 | .1 | | | | | | | 73 | 73 | 25 | 16 |
| 64/ 63 | | .7 | .5 | 1.0 | .7 | 1.3 | 1.2 | 1.3 | 1.6 | 1.1 | .4 | | | | | | | 81 | 81 | 36 | 17 |
| 62/ 61 | .1 | 1.1 | .5 | 1.3 | 1.1 | 1.7 | 1.4 | .7 | 1.2 | 1.0 | | | | | | | | 84 | 84 | 43 | 26 |
| 60/ 59 | | 1.1 | .7 | 1.7 | 1.1 | 1.9 | 1.1 | 2.3 | .5 | .4 | | | | | | | | 89 | 89 | 63 | 28 |
| 58/ 57 | .1 | .8 | 1.1 | 1.6 | .7 | 1.3 | 1.7 | .6 | .2 | | | | | | | | | 68 | 68 | 51 | 35 |
| 56/ 55 | | .7 | .7 | 1.4 | 1.0 | 1.7 | 1.0 | .7 | .1 | | | | | | | | | 61 | 61 | 41 | 31 |
| 54/ 53 | | .1 | .7 | 1.1 | 1.1 | 1.6 | 2.0 | .4 | .1 | | | | | | | | | 59 | 59 | 76 | 47 |
| 52/ 51 | | .7 | .6 | .8 | .2 | 1.1 | .7 | | | | | | | | | | | 35 | 35 | 59 | 49 |
| 50/ 49 | .2 | .6 | .8 | 1.2 | .6 | .6 | .1 | .2 | | | | | | | | | | 37 | 37 | 96 | 34 |
| 48/ 47 | | .2 | .4 | .4 | .2 | .1 | .4 | | | | | | | | | | | 14 | 14 | 83 | 46 |
| 46/ 45 | | .1 | .2 | .2 | .1 | | .1 | | | | | | | | | | | 7 | 7 | 94 | 36 |
| 44/ 43 | | .2 | .4 | | | .4 | | | | | | | | | | | | 8 | 8 | 52 | 41 |
| 42/ 41 | | .1 | .5 | 1.1 | .2 | | | .4 | | | | | | | | | | 19 | 19 | 42 | 45 |
| 40/ 39 | | | .1 | | .2 | | .1 | | | | | | | | | | | 4 | 4 | 20 | 47 |
| 38/ 37 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 6 | 34 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 13 | 40 |
| 34/ 33 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 7 | 35 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 41 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 2 | 45 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 | 35 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 35 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 14 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 10 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 18 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 7 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 11 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |

| 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 | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) MAR (MONTH)

PAGE 2 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 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| -2/ -7 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .6 | 7.9 | 11.1 | 16.0 | 11.7 | 16.2 | 13.3 | 8.5 | 5.9 | 4.8 | 2.3 | 1.0 | .7 | .1 | | | | 837 | 837 | 837 | 837 |

| 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. | 2813809 | 45239 | 54.0 | 20.989 | 837 | | | | | | | |
| Dry Bulb | 3121192 | 50680 | 60.5 | 7.928 | 837 | | | 21.8 | 4.9 | .1 | | 93 |
| Wet Bulb | 2270266 | 43080 | 51.5 | 7.959 | 837 | | .8 | 2.6 | | | | 93 |
| Dew Point | 1605853 | 34955 | 41.8 | 13.218 | 837 | .3 | 25.2 | .3 | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70,73-81 MAR
STATION STATION NAME YEARS 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 |
| 96/ 95 | | | | | | | | | | | | | | | | | .0 | 3 | 3 | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .1 | 7 | 7 | | |
| 92/ 91 | | | | | | | | | | | | | | | .0 | .1 | .1 | 13 | 13 | | |
| 90/ 89 | | | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .1 | 18 | 18 | | |
| 88/ 87 | | | | | | | | | | .0 | .1 | .1 | .0 | .1 | .1 | .1 | .0 | 34 | 34 | | |
| 86/ 85 | | | | | | | | | .1 | .2 | .0 | .0 | .1 | .0 | .2 | .1 | | 50 | 50 | | |
| 84/ 83 | | | | .0 | | | | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | | | 69 | 69 | | |
| 82/ 81 | | | | .0 | | .0 | .1 | .3 | .2 | .3 | .3 | .1 | .2 | .1 | .1 | | | 114 | 114 | | |
| 80/ 79 | | | .0 | .0 | .0 | .2 | .3 | .3 | .2 | .4 | .2 | .4 | .3 | .3 | .0 | | | 174 | 174 | | |
| 78/ 77 | | | | .0 | .2 | .2 | .5 | .4 | .4 | .3 | .4 | .4 | .5 | .3 | | | | 231 | 231 | 1 | |
| 76/ 75 | | | .0 | .2 | .4 | .5 | .3 | .4 | .3 | .3 | .3 | .4 | .6 | .3 | | | | 262 | 262 | 3 | 1 |
| 74/ 73 | | | .0 | .5 | .4 | .5 | .8 | .2 | .3 | .3 | .4 | .5 | .3 | .0 | | | | 257 | 257 | 4 | 2 |
| 72/ 71 | | .0 | .6 | .8 | .4 | .4 | .6 | .4 | .5 | .5 | .6 | .6 | .2 | | | | | 366 | 366 | 13 | 5 |
| 70/ 69 | | .4 | 1.1 | .5 | .5 | .6 | .5 | .3 | .5 | .7 | .7 | .4 | .1 | | | | | 424 | 424 | 83 | 4 |
| 68/ 67 | .0 | 1.0 | 1.0 | .6 | .8 | .5 | .5 | .4 | .7 | .5 | .4 | .5 | | | | | | 474 | 474 | 248 | 47 |
| 66/ 65 | .1 | 1.3 | .6 | .5 | .7 | .5 | .7 | .7 | .7 | .6 | .4 | .1 | | | | | | 474 | 474 | 368 | 185 |
| 64/ 63 | .0 | 1.5 | .7 | .7 | .5 | .7 | .6 | .6 | .7 | .4 | .2 | | | | | | | 442 | 442 | 349 | 243 |
| 62/ 61 | .2 | 1.4 | .8 | .7 | .8 | .8 | .7 | .7 | .6 | .4 | .1 | | | | | | | 487 | 487 | 411 | 277 |
| 60/ 59 | .1 | 1.3 | .9 | .6 | .7 | .8 | .6 | .9 | .6 | .2 | | | | | | | | 449 | 449 | 435 | 262 |
| 58/ 57 | .1 | 1.1 | 1.1 | .8 | .7 | .9 | .9 | .5 | .3 | .1 | | | | | | | | 434 | 434 | 480 | 305 |
| 56/ 55 | .1 | 1.0 | .6 | .9 | .7 | .7 | .6 | .5 | .1 | | | | | | | | | 353 | 353 | 466 | 290 |
| 54/ 53 | .1 | .7 | .7 | 1.1 | .8 | .5 | .8 | .2 | .1 | | | | | | | | | 335 | 335 | 551 | 325 |
| 52/ 51 | .1 | 1.0 | 1.0 | .7 | .7 | .7 | .4 | .0 | | | | | | | | | | 310 | 310 | 569 | 315 |
| 50/ 49 | .1 | 1.0 | .7 | .7 | .7 | .7 | .2 | .0 | .0 | | | | | | | | | 293 | 293 | 597 | 284 |
| 48/ 47 | .0 | .4 | .5 | .7 | .6 | .4 | .1 | .0 | .0 | | | | | | | | | 194 | 194 | 555 | 311 |
| 46/ 45 | | .3 | .5 | .5 | .4 | .1 | .1 | .0 | | | | | | | | | | 135 | 135 | 437 | 320 |
| 44/ 43 | | .2 | .4 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | | 100 | 100 | 347 | 317 |
| 42/ 41 | | .3 | .6 | .6 | .1 | .1 | .0 | .0 | | | | | | | | | | 119 | 119 | 289 | 297 |
| 40/ 39 | .0 | .2 | .3 | .2 | .1 | .0 | .1 | | | | | | | | | | | 63 | 63 | 212 | 321 |
| 38/ 37 | | .2 | .2 | .1 | .0 | .1 | .0 | | | | | | | | | | | 47 | 47 | 141 | 310 |
| 36/ 35 | .0 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 27 | 27 | 85 | 356 |
| 34/ 33 | | .1 | .1 | .0 | .0 | | | | | | | | | | | | | 20 | 20 | 54 | 330 |
| 32/ 31 | | | .0 | .0 | .1 | | | | | | | | | | | | | 11 | 11 | 32 | 328 |
| 30/ 29 | | .0 | .0 | | .0 | | | | | | | | | | | | | 4 | 4 | 29 | 271 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 88 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAR (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 |
| 28/ 27 | | | .0 | .0 | | | | | | | | | | | | | | 4 | 4 | 18 | 270 |
| 26/ 25 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 10 | 249 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 5 | 118 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 5 | 131 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 101 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 64 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 54 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 23 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 26 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 15 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 4 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 17 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | 1.2 | 13.7 | 12.6 | 12.1 | 10.6 | 9.8 | 9.1 | 6.9 | 6.3 | 5.1 | 4.1 | 3.5 | 2.3 | 1.4 | .6 | .3 | .4 | 6798 | 6798 | 6798 | 6798 |

| 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. | 288805400 | 3728434 | 54.8 | 28.358 | 6798 | | | | | | | |
| Dry Bulb | 27285723 | 626041 | 62.4 | 11.085 | 6798 | | 2.2 | 273.2 | 139.8 | 93.6 | 1.1 | 744 |
| Wet Bulb | 19387996 | 357980 | 52.7 | 8.888 | 6798 | | 10.9 | 38.8 | .9 | | | 744 |
| Dew Point | 13786213 | 291287 | 42.8 | 13.642 | 6798 | 1.3 | 185.1 | 6.8 | .3 | | | 744 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) APR (MONTH)

 0000-0200 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 | | | | | |
| 80/ 79 | | | | | | .1 | .3 | .1 | .1 | .3 | .1 | | | | .1 | | | 9 | 9 | | | |
| 78/ 77 | | | | | .1 | .1 | .1 | .1 | | .1 | | | | .1 | | | | 6 | 6 | | | |
| 76/ 75 | | | .9 | .6 | .6 | .3 | .4 | | | | | | | .1 | | | | 20 | 20 | | | |
| 74/ 73 | | .1 | 1.8 | 1.3 | | .4 | .1 | | .3 | | .1 | | | | | | | 29 | 29 | | | |
| 72/ 71 | | .4 | 3.7 | .9 | 1.0 | .3 | .3 | .1 | .1 | .6 | | .3 | | | | | | 53 | 53 | 9 | | |
| 70/ 69 | | 2.0 | 5.1 | 1.3 | .4 | | .6 | .3 | .4 | .3 | .4 | | | | | | | 75 | 75 | 35 | 15 | |
| 68/ 67 | | 4.4 | 3.8 | 2.2 | 1.6 | .7 | .3 | .1 | .7 | .1 | | .1 | | | | | | 97 | 97 | 55 | 39 | |
| 66/ 65 | .1 | 4.0 | 1.2 | 1.6 | 1.5 | .6 | | .4 | .7 | .6 | .1 | .1 | | | | | | 75 | 75 | 90 | 63 | |
| 64/ 63 | .4 | 4.0 | 1.3 | 1.2 | .9 | 1.2 | .4 | .4 | 1.0 | .1 | | | | | | | | 75 | 75 | 66 | 70 | |
| 62/ 61 | | 3.8 | 1.5 | 1.9 | 1.5 | .1 | 1.2 | 1.0 | .1 | .6 | | | | | | | | 80 | 80 | 55 | 51 | |
| 60/ 59 | | 1.9 | 1.5 | .7 | .4 | .4 | .7 | .3 | .4 | | | | | | | | | 44 | 44 | 64 | 47 | |
| 58/ 57 | .1 | 1.3 | .7 | .6 | .9 | .6 | .1 | .3 | .3 | .1 | | | | | | | | 35 | 35 | 48 | 54 | |
| 56/ 55 | .3 | .4 | .6 | .1 | .1 | .6 | .3 | .1 | .4 | | | | | | | | | 21 | 21 | 53 | 42 | |
| 54/ 53 | .3 | .4 | .4 | .6 | .4 | | | .4 | | | | | | | | | | 18 | 18 | 36 | 29 | |
| 52/ 51 | .1 | .4 | 1.3 | | .6 | .4 | .3 | | | | | | | | | | | 22 | 22 | 35 | 37 | |
| 50/ 49 | | .3 | .3 | .1 | .6 | .3 | .3 | | | | | | | | | | | 13 | 13 | 35 | 26 | |
| 48/ 47 | | | | .3 | .1 | .1 | .1 | | | | | | | | | | | 5 | 5 | 38 | 24 | |
| 46/ 45 | | | | .1 | .1 | .1 | .1 | | | | | | | | | | | 4 | 4 | 18 | 22 | |
| 44/ 43 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 17 | 16 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 12 | 14 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 11 | 9 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 3 | 12 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 23 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 17 | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 18 | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 8 | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 9 | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 10 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 7 | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 3 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 5 | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 4 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 4 | |

| Rel. cost (X) | $\bar{x}_{wb}$ | $s_{wb}$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (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 |
| TOTAL | 1.5 | 23.6 | 24.0 | 13.8 | 11.1 | 6.6 | 5.9 | 4.0 | 4.8 | 2.9 | .9 | .6 | | .3 | .1 | | | 683 | 683 | 683 | 683 |

| 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 | ≤ 72 F | ≤ 80 F | ≤ 92 F | Total |
| Rel. Hum. | 3588656 | 47189 | 69.0 | 22.148 | 683 | | | | | | | |
| Dry Bulb | 2867531 | 44015 | 64.4 | 6.747 | 683 | | | 38.1 | 8.4 | .4 | | 90 |
| Wet Bulb | 2356177 | 39733 | 58.2 | 8.099 | 683 | | | 13.0 | | | | 90 |
| Dew Point | 1996870 | 35806 | 52.4 | 13.251 | 683 | | 9.6 | 7.1 | | | | 90 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) APR (MONTH)

 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 |
| 80/ 79 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 76/ 77 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | .6 | .4 | | .1 | | | | | | | .1 | | | | | 9 | 9 | | |
| 74/ 73 | | .1 | 1.3 | | .3 | | | | .1 | | | | | | | | | 13 | 13 | 1 | |
| 72/ 71 | | 1.1 | 2.2 | .3 | .3 | .1 | | .3 | | | | | | | | | | 30 | 30 | 9 | 1 |
| 70/ 69 | | 3.9 | 3.3 | .3 | .1 | .1 | .1 | | | | .1 | .3 | | | | | | 58 | 58 | 27 | 17 |
| 68/ 67 | .4 | 7.2 | 3.0 | .9 | .1 | .4 | .1 | .3 | .1 | .3 | | | | | | | | 90 | 90 | 69 | 43 |
| 66/ 65 | .9 | 4.6 | 1.7 | 1.0 | 1.0 | .3 | .1 | .6 | .4 | | .3 | | | | | | | 76 | 76 | 78 | 81 |
| 64/ 63 | 1.0 | 5.7 | 1.7 | .7 | 1.6 | .1 | .1 | .4 | .3 | | | | | | | | | 82 | 82 | 46 | 60 |
| 62/ 61 | .4 | 4.6 | 1.0 | 1.0 | .6 | .4 | .1 | .6 | .3 | | | | | | | | | 63 | 63 | 62 | 41 |
| 60/ 59 | .3 | 3.6 | 1.4 | .9 | .1 | .6 | 1.1 | .4 | .3 | .1 | | | | | | | | 62 | 62 | 65 | 58 |
| 58/ 57 | .6 | 3.3 | 1.6 | .6 | .6 | .1 | .6 | .4 | .3 | | | | | | | | | 56 | 56 | 58 | 56 |
| 56/ 55 | .1 | 1.4 | .9 | 1.0 | 1.0 | .1 | .3 | .3 | | | | | | | | | | 36 | 36 | 44 | 36 |
| 54/ 53 | .7 | .7 | 1.4 | .3 | .4 | .6 | .4 | | .3 | | | | | | | | | 34 | 34 | 40 | 38 |
| 52/ 51 | | 1.3 | 1.7 | .3 | 1.1 | .1 | .1 | .1 | | | | | | | | | | 34 | 34 | 25 | 30 |
| 50/ 49 | | .6 | .4 | .7 | .4 | .3 | .3 | | | | | | | | | | | 19 | 19 | 46 | 31 |
| 48/ 47 | | .3 | | .6 | .3 | | | | | | | | | | | | | 8 | 8 | 35 | 20 |
| 46/ 45 | | | | .3 | .7 | .1 | | | | | | | | | | | | 8 | 8 | 20 | 24 |
| 44/ 43 | | .1 | | .1 | .6 | .1 | | | | | | | | | | | | 7 | 7 | 25 | 17 |
| 42/ 41 | | | .1 | .1 | | .3 | | | | | | | | | | | | 4 | 4 | 13 | 16 |
| 40/ 39 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 14 | 9 |
| 38/ 37 | | | .3 | | .1 | | | | | | | | | | | | | 3 | 3 | 8 | 11 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 4 | 26 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 5 | 15 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 12 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 12 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 9 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 7 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 8 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 2 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 4 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma_{B}^{2}$ | $\Sigma_{X}$ | $\bar{X}$ | $\sigma_{X}$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) APR (MONTH)

PAGE 2 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 |
| TOTAL | 4.5 | 38.6 | 22.7 | 9.6 | 9.6 | 4.2 | 3.7 | 3.4 | 2.2 | .6 | .4 | .3 | .1 | | | | | 696 | 696 | 696 | 696 |

| 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. | 8315637 | 52925 | 76.0 | 20.967 | 696 | | | | | | | |
| Dry Bulb | 2686549 | 42945 | 61.7 | 7.270 | 696 | | | 26.1 | 3.1 | .1 | | 90 |
| Wet Bulb | 2333521 | 39837 | 57.2 | 8.763 | 696 | | .3 | 13.7 | .1 | | | 90 |
| Dew Point | 2071599 | 36895 | 53.0 | 12.908 | 696 | | 8.5 | 7.9 | | | | 90 |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) APR (MONTH)

 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 |
| 76/ 75 | | | .5 | .2 | | | | | | | | | | | | | | 6 | 6 | | |
| 74/ 73 | | .8 | 1.6 | .2 | .5 | | | | .2 | | .1 | .1 | | | | | | 31 | 31 | | |
| 72/ 71 | | 1.7 | 2.1 | .3 | | .2 | .2 | .1 | | | | | | | | | | 41 | 41 | 20 | 1 |
| 70/ 69 | | 3.6 | 3.2 | .3 | .2 | .2 | .3 | .3 | | .2 | .1 | | | | | | | 75 | 75 | 34 | 31 |
| 68/ 67 | .7 | 4.9 | 3.2 | .7 | .6 | | .2 | .1 | .3 | .2 | .1 | | | | | | | 97 | 97 | 73 | 53 |
| 66/ 65 | 1.3 | 5.4 | 3.6 | 1.0 | .7 | .5 | | .1 | .3 | .1 | | | | | | | | 113 | 113 | 100 | 86 |
| 64/ 63 | .3 | 4.0 | 2.2 | 1.0 | .2 | | 1.0 | .2 | .1 | .1 | .1 | | | | | | | 82 | 82 | 64 | 80 |
| 62/ 61 | .5 | 3.2 | 2.2 | 1.7 | .3 | .3 | .8 | .6 | .1 | .2 | | | | | | | | 87 | 87 | 71 | 48 |
| 60/ 59 | .3 | 4.0 | 1.7 | .9 | | .2 | .5 | .8 | | | | | | | | | | 74 | 74 | 73 | 68 |
| 58/ 57 | .2 | 2.2 | 1.6 | .8 | .2 | 1.3 | 1.0 | .7 | .2 | | | | | | | | | 72 | 72 | 78 | 66 |
| 56/ 55 | .2 | 1.3 | 1.8 | .6 | .7 | .5 | .5 | .5 | | | | | | | | | | 52 | 52 | 54 | 54 |
| 54/ 53 | .5 | .9 | 1.3 | .3 | .3 | .9 | .2 | .1 | | | | | | | | | | 40 | 40 | 45 | 46 |
| 52/ 51 | .1 | .9 | .7 | .1 | .9 | .7 | | .1 | | | | | | | | | | 31 | 31 | 45 | 42 |
| 50/ 49 | | .7 | .3 | .2 | .3 | .8 | .1 | | | | | | | | | | | 22 | 22 | 51 | 32 |
| 48/ 47 | | | .2 | | .5 | .1 | | | | | | | | | | | | 7 | 7 | 36 | 31 |
| 46/ 45 | | | .2 | .5 | .7 | .3 | | | | | | | | | | | | 15 | 15 | 29 | 25 |
| 44/ 43 | | | .6 | .7 | .1 | | | | | | | | | | | | | 12 | 12 | 30 | 9 |
| 42/ 41 | | | .1 | .3 | | | | | | | | | | | | | | 4 | 4 | 20 | 13 |
| 40/ 39 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 19 | 24 |
| 38/ 37 | | | .5 | .1 | .1 | | | | | | | | | | | | | 6 | 6 | 12 | 17 |
| 36/ 35 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 9 | 22 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 3 | 27 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 3 | 22 |
| 30/ 29 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 23 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 19 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 12 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 6 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 8 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 4.1 | 33.7 | 27.8 | 10.3 | 6.4 | 6.1 | 4.9 | 3.7 | 1.4 | .9 | .5 | .1 | | | | | | 870 | | 870 | | 870 |
| | | | | | | | | | | | | | | | | | | | 870 | | 870 | |

| 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. | 5277128 | 65866 | 75.2 | 20.095 | 870 | | | | | | | |
| Dry Bulb | 3362042 | 53690 | 61.7 | 7.485 | 870 | | .1 | 25.9 | 3.8 | | | 90 |
| Wet Bulb | 2908038 | 49686 | 57.1 | 8.004 | 870 | | .8 | 13.1 | | | | 90 |
| Dew Point | 2570621 | 45929 | 52.8 | 12.959 | 870 | | 9.8 | 8.8 | | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 |
| 88/ 87 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | | | | | | | .1 | .1 | .1 | | | | | 3 | 3 | | |
| 84/ 83 | | | | | | | | | .2 | | | | | .1 | .2 | .2 | | 7 | 7 | | |
| 82/ 81 | | | | | .1 | .4 | .2 | | | | .2 | .1 | .1 | | | | | 11 | 11 | | |
| 80/ 79 | | | | | .3 | .7 | .7 | .2 | .2 | .1 | .2 | .3 | .4 | .2 | .1 | | | 32 | 32 | | |
| 78/ 77 | | | | .9 | .8 | .4 | .4 | .4 | .2 | .3 | .3 | .4 | .2 | .1 | | | | 42 | 42 | | |
| 76/ 75 | | | .8 | 1.6 | 2.2 | .4 | .4 | .6 | .1 | .3 | .2 | .3 | .3 | .1 | | | | 67 | 67 | | |
| 74/ 73 | | .6 | 2.7 | 2.6 | .8 | .9 | 1.1 | .7 | .3 | .6 | .2 | .6 | | .1 | | | | 99 | 99 | 4 | |
| 72/ 71 | | 1.3 | 2.2 | 3.0 | 1.5 | .9 | .9 | .7 | .6 | .6 | .6 | .1 | .1 | | | | | 111 | 111 | 44 | 2 |
| 70/ 69 | .1 | 1.8 | 4.5 | 1.7 | 1.9 | .7 | .4 | .3 | .4 | .2 | .7 | .2 | | | | | | 116 | 116 | 73 | 41 |
| 68/ 67 | .3 | 3.1 | 3.0 | 1.5 | 1.9 | 1.0 | .7 | .6 | 1.0 | .4 | .8 | .1 | | | | | | 129 | 129 | 116 | 67 |
| 66/ 65 | .2 | 2.2 | 1.7 | 2.2 | .7 | .3 | .6 | .8 | .9 | .1 | .2 | | | | | | | 89 | 89 | 95 | 95 |
| 64/ 63 | | 1.2 | 1.1 | 1.1 | .7 | .3 | .1 | .6 | .7 | .3 | | | | | | | | 55 | 55 | 83 | 89 |
| 62/ 61 | .1 | .8 | .8 | .7 | .1 | .2 | .6 | .3 | .4 | | | | | | | | | 36 | 36 | 92 | 67 |
| 60/ 59 | .2 | .6 | .4 | .7 | .3 | .1 | .7 | .4 | | | | | | | | | | 31 | 31 | 75 | 58 |
| 58/ 57 | .1 | .4 | .6 | .3 | .2 | .1 | .7 | .4 | .1 | | | | | | | | | 27 | 27 | 64 | 59 |
| 56/ 55 | .1 | .2 | .2 | | | .4 | .3 | .1 | | | | | | | | | | 13 | 13 | 52 | 54 |
| 54/ 53 | .2 | .1 | .3 | | .2 | .2 | .1 | .1 | | | | | | | | | | 12 | 12 | 51 | 44 |
| 52/ 51 | | .1 | | | .2 | .2 | .2 | .1 | | | | | | | | | | 8 | 8 | 36 | 30 |
| 50/ 49 | | | | | .1 | .2 | | | | | | | | | | | | 3 | 3 | 46 | 37 |
| 48/ 47 | | | | .1 | .1 | | .1 | | | | | | | | | | | 3 | 3 | 20 | 20 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 18 | 19 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 12 | 14 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 9 | 21 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 4 | 17 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 18 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 28 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 16 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 19 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 18 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 12 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 5 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 6 |

| 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. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 5 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 4 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.5 | 12.5 | 18.3 | 16.3 | 12.2 | 7.7 | 8.3 | 6.4 | 5.4 | 3.0 | 3.6 | 2.3 | 1.3 | .7 | .3 | .2 | | | 895 | | 895 |
| | | | | | | | | | | | | | | | | | | 895 | | 895 | |

| Element (X) | $\Sigma_n X'$ | $\Sigma_n X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3998209 | 56201 | 62.8 | 22.907 | 895 | | | | | | | |
| Dry Bulb | 4290483 | 61693 | 68.9 | 6.514 | 895 | | | 62.1 | 26.3 | 3.8 | | 90 |
| Wet Bulb | 3339726 | 54222 | 60.6 | 7.962 | 895 | | | 23.8 | .4 | | | 90 |
| Dew Point | 2724480 | 47966 | 53.6 | 13.117 | 895 | | 8.6 | 11.1 | | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) APR (MONTH)

 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 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 94/ 93 | | | | | | | | | | | | | | .2 | .2 | .2 | .1 | 7 | 7 | | |
| 92/ 91 | | | | | | | | | | | | | .3 | .2 | .3 | | .2 | 10 | 10 | | |
| 90/ 89 | | | | | | | | .1 | .1 | | .4 | .2 | .1 | .2 | .2 | .1 | .3 | 17 | 17 | | |
| 88/ 87 | | | | | | | .1 | | .4 | .7 | .3 | .2 | .1 | .4 | .3 | .1 | .2 | 27 | 27 | | |
| 86/ 85 | | | | | | | .3 | .7 | .7 | .3 | .2 | .1 | .3 | .7 | | .4 | .1 | 35 | 35 | | |
| 84/ 83 | | | | | | .7 | 1.0 | 1.0 | .7 | 1.0 | .4 | .1 | .3 | .4 | .2 | .1 | | 54 | 54 | | |
| 82/ 81 | | | | | .2 | 1.4 | 1.7 | 1.3 | .7 | .3 | .8 | .3 | .8 | 1.1 | .2 | | | 80 | 80 | | |
| 80/ 79 | | | | .4 | 1.0 | 1.7 | .8 | .4 | 1.2 | .9 | .2 | .6 | 1.1 | .7 | .1 | | | 82 | 82 | | |
| 78/ 77 | | | | .8 | 2.1 | 2.6 | 1.3 | .9 | 1.2 | .6 | .4 | .6 | .8 | .4 | | | | 105 | 105 | | |
| 76/ 75 | | | 1.3 | 2.2 | 2.9 | 1.2 | .8 | 1.4 | .6 | .6 | .8 | .7 | .3 | .1 | | | | 116 | 116 | 4 | |
| 74/ 73 | | .1 | 1.0 | 1.9 | 1.4 | 1.0 | .9 | .4 | .4 | .7 | 1.4 | .3 | .6 | | | | | 92 | 92 | 27 | |
| 72/ 71 | | .2 | 1.1 | 1.9 | 1.1 | 1.6 | .4 | .4 | .7 | .8 | .7 | .2 | | | | | | 82 | 82 | 74 | 3 |
| 70/ 69 | | .6 | .9 | 1.0 | 1.3 | .4 | | .3 | .2 | .4 | .6 | .3 | | | | | | 55 | 55 | 112 | 43 |
| 68/ 67 | .1 | .8 | .9 | .6 | .4 | .2 | .4 | .2 | .7 | .3 | .1 | | | | | | | 43 | 43 | 118 | 53 |
| 66/ 65 | .1 | .6 | .3 | .2 | .6 | | .1 | .2 | .2 | .3 | .1 | | | | | | | 25 | 25 | 81 | 95 |
| 64/ 63 | | .3 | .3 | .2 | .1 | | .2 | .1 | .7 | .2 | .2 | | | | | | | 22 | 22 | 91 | 86 |
| 62/ 61 | .1 | .2 | .1 | .7 | .2 | | .1 | .1 | .3 | .2 | | | | | | | | 19 | 19 | 92 | 62 |
| 60/ 59 | | | .2 | | .1 | | .3 | .1 | .1 | .2 | | | | | | | | 10 | 10 | 52 | 46 |
| 58/ 57 | .1 | .2 | .2 | | | | .1 | .1 | .1 | | | | | | | | | 8 | 8 | 57 | 63 |
| 56/ 55 | | | | .1 | | | .2 | | | | | | | | | | | 3 | 3 | 57 | 45 |
| 54/ 53 | | .1 | .3 | | | | .1 | | | | | | | | | | | 5 | 5 | 46 | 49 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 36 | 37 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 17 | 24 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 17 | 18 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 10 | 27 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 7 | 20 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 2 | 20 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 22 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 26 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 29 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 20 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 27 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) APR (MONTH)

 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 26 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 11 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 21 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 8 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 9 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 5 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .4 | 3.1 | 6.8 | 10.0 | 11.6 | 10.8 | 9.0 | 8.0 | 9.0 | 7.6 | 6.8 | 3.7 | 4.8 | 4.6 | 1.7 | 1.0 | 1.3 | 900 | 900 | 900 | 900 |

| 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. | 2645951 | 44487 | 49.4 | 22.297 | 900 | | | | | | | |
| Dry Bulb | 5223667 | 68241 | 75.8 | 7.413 | 900 | | | 80.8 | 62.8 | 28.0 | 1.0 | 90 |
| Wet Bulb | 3580704 | 56416 | 62.7 | 7.020 | 900 | | | 33.5 | 3.1 | | | 90 |
| Dew Point | 2[illegible]383 | 47191 | 52.4 | 13.668 | 900 | | 11.2 | 9.9 | | | | 90 |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) APR (MONTH)

 1500-1700 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 | | | | |
| 102/101 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 100/ 99 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 98/ 97 | | | | | | | | | | | | | | | | .1 | 1.2 | 12 | 12 | | |
| 96/ 95 | | | | | | | | | | | | | | | .1 | .3 | .7 | 10 | 10 | | |
| 94/ 93 | | | | | | | | | | | | | .1 | .1 | .1 | .3 | .6 | 11 | 11 | | |
| 92/ 91 | | | | | | | | | .1 | .3 | .2 | .2 | .3 | | .2 | .3 | .9 | 24 | 24 | | |
| 90/ 89 | | | | | | | | .1 | .9 | | .9 | .4 | .1 | .2 | .8 | 1.0 | .4 | 44 | 44 | | |
| 88/ 87 | | | | | | | | .2 | 1.7 | 1.0 | .7 | .6 | .2 | .3 | .7 | .4 | | 52 | 52 | | |
| 86/ 85 | | | | | | .1 | .7 | 1.7 | 1.5 | .8 | 1.2 | 1.2 | .1 | .7 | .6 | .4 | .2 | 82 | 82 | | |
| 84/ 83 | | | | | | .4 | .7 | 2.2 | 2.0 | 1.0 | .8 | .8 | .1 | 1.6 | .7 | .1 | | 93 | 93 | | |
| 82/ 81 | | | | | .1 | .6 | 1.6 | .9 | .8 | 1.1 | .6 | .6 | .1 | 1.6 | .7 | | | 76 | 76 | | |
| 80/ 79 | | | | .2 | 1.3 | 2.2 | .7 | .8 | .8 | 1.1 | .9 | 1.0 | .6 | .3 | .3 | | | 92 | 92 | | |
| 78/ 77 | | | .1 | 1.5 | 1.3 | 2.1 | 1.0 | 1.7 | 1.2 | .6 | 1.0 | 1.2 | .3 | .4 | | | | 112 | 112 | 1 | |
| 76/ 75 | | | .9 | .8 | 1.2 | 1.0 | .7 | .7 | .4 | | .7 | .1 | .2 | | | | | 60 | 60 | 4 | |
| 74/ 73 | | | .6 | .4 | .3 | 1.9 | .7 | 1.0 | .4 | .6 | .7 | .9 | .3 | | | | | 70 | 70 | 36 | |
| 72/ 71 | | .3 | .2 | .6 | .7 | .4 | .1 | .2 | .2 | .6 | .6 | .4 | | | | | | 39 | 39 | 88 | 3 |
| 70/ 69 | | .8 | .8 | .3 | .2 | .2 | .4 | .3 | .2 | .7 | .1 | .2 | | | | | | 39 | 39 | 124 | 41 |
| 68/ 67 | | .1 | .7 | .2 | .1 | .4 | .2 | | .1 | .4 | .4 | .2 | | | | | | 27 | 27 | 94 | 44 |
| 66/ 65 | | .1 | .3 | | .1 | | .1 | .1 | .3 | .3 | .1 | .1 | | | | | | 15 | 15 | 82 | 68 |
| 64/ 63 | .1 | .3 | .2 | .2 | | | | | | .3 | .2 | | | | | | | 13 | 13 | 104 | 72 |
| 62/ 61 | .1 | | .1 | .4 | .1 | .1 | | | | | | | | | | | | 8 | 8 | 74 | 71 |
| 60/ 59 | | | .3 | | | | | .1 | .1 | | | | | | | | | 5 | 5 | 68 | 46 |
| 58/ 57 | .1 | .3 | | | | | .1 | .1 | .1 | | | | | | | | | 7 | 7 | 74 | 58 |
| 56/ 55 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 57 | 51 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 29 | 43 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 25 | 37 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 12 | 35 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 10 | 24 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 9 | 26 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 3 | 22 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 14 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 25 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 27 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 31 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) APR (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 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 29 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 32 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 27 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 25 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 16 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 5 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 8 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 8 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 3 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .3 | 2.0 | 4.2 | 4.7 | 5.6 | 9.6 | 7.0 | 10.2 | 10.9 | 8.8 | 9.1 | 8.0 | 2.6 | 5.3 | 4.1 | 3.1 | 4.4 | 895 | 895 | 895 | 895 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2009262 | 37904 | 42.4 | 21.258 | 895 | | | | | | | |
| Dry Bulb | 5711926 | 71156 | 79.5 | 7.825 | 895 | | | 85.1 | 74.5 | 45.1 | 3.6 | 90 |
| Wet Bulb | 3636064 | 56732 | 63.4 | 6.685 | 895 | | | 38.9 | 9.1 | | | 90 |
| Dew Point | 2500978 | 45662 | 51.0 | 13.844 | 895 | | 12.9 | 8.8 | | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) APR (MONTH)

 1800-2000 (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 | | | | | |
| 100/ 99 | | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | | | | | | | .4 | .4 | | 6 | 6 | | |
| 94/ 93 | | | | | | | | | | | | | | .1 | .1 | | .2 | | 4 | 4 | | |
| 92/ 91 | | | | | | | | | | | | .1 | | | .1 | .1 | .2 | | 5 | 5 | | |
| 90/ 89 | | | | | | | | .1 | | .1 | .2 | .2 | | .2 | .1 | .5 | .2 | | 15 | 15 | | |
| 88/ 87 | | | | | | | | .4 | .6 | | .2 | .1 | .1 | .4 | .5 | .4 | | | 22 | 22 | | |
| 86/ 85 | | | | | | .1 | .5 | .6 | 1.1 | .4 | .9 | .6 | .5 | .1 | .5 | .2 | | | 45 | 45 | | |
| 84/ 83 | | | | | | .5 | .4 | 1.1 | 1.0 | 1.1 | .2 | | .2 | .9 | .2 | .1 | | | 47 | 47 | | |
| 82/ 81 | | | | | .1 | .7 | 1.4 | .9 | 1.2 | .7 | .2 | .6 | .2 | 1.4 | .5 | | | | 65 | 65 | | |
| 80/ 79 | | | | .2 | .9 | 1.0 | .9 | .7 | .6 | .4 | .4 | .6 | .6 | .6 | .1 | | | | 57 | 57 | | |
| 78/ 77 | | | | .9 | 1.9 | 1.5 | 1.2 | 1.0 | .9 | .6 | .6 | .9 | .5 | .6 | | | | | 85 | 85 | | |
| 76/ 75 | | | .6 | 1.9 | 1.7 | 1.7 | .7 | 1.9 | 1.4 | .9 | .4 | .9 | .4 | .2 | | | | | 102 | 102 | 4 | |
| 74/ 73 | | | 1.1 | 1.4 | .9 | 1.2 | 1.1 | .9 | 1.0 | .2 | .2 | .5 | .2 | | | | | | 71 | 71 | 18 | |
| 72/ 71 | | .2 | 1.1 | 1.1 | .5 | 1.2 | 1.4 | 1.0 | .5 | .5 | .4 | .4 | | | | | | | 67 | 67 | 47 | 2 |
| 70/ 69 | | .6 | 2.8 | .7 | 1.5 | .9 | .4 | .7 | .4 | .6 | .4 | .4 | | | | | | | 76 | 76 | 83 | 37 |
| 68/ 67 | | .5 | 1.2 | .5 | .6 | .7 | 1.0 | .2 | .2 | .4 | .4 | | | | | | | | 47 | 47 | 97 | 38 |
| 66/ 65 | | .2 | .2 | .1 | .2 | .4 | .2 | .2 | .5 | .2 | .4 | | | | | | | | 23 | 23 | 88 | 60 |
| 64/ 63 | | .9 | .5 | .2 | | .2 | .1 | .2 | .1 | .5 | .2 | | | | | | | | 25 | 25 | 85 | 59 |
| 62/ 61 | | | .2 | .5 | | .1 | | .4 | .2 | .2 | .1 | | | | | | | | 15 | 15 | 72 | 77 |
| 60/ 59 | | .1 | .9 | | | | .1 | .2 | .2 | | | | | | | | | | 13 | 13 | 66 | 45 |
| 58/ 57 | | .5 | .1 | | | .1 | | | .2 | | | | | | | | | | 8 | 8 | 78 | 39 |
| 56/ 55 | | | .1 | | | | .2 | .2 | .1 | | | | | | | | | | 6 | 6 | 61 | 53 |
| 54/ 53 | | .1 | | | | .1 | | | .1 | | | | | | | | | | 3 | 3 | 29 | 51 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 28 | 38 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 16 | 24 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 12 | 34 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 13 | 31 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 7 | 18 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 | 12 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 2 | 15 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 21 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 33 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 16 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 28 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 19 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 15 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 12 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 6 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 13 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 4 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 3 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 4 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | 3.2 | 9.0 | 7.5 | 8.3 | 10.6 | 9.6 | 10.9 | 10.5 | 6.9 | 5.3 | 5.3 | 2.8 | 4.6 | 2.2 | 1.7 | 1.4 | 809 | 809 | 809 | 809 |

| 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. | 2306515 | 39247 | 48.5 | 22.320 | 809 | | | | | | | |
| Dry Bulb | 9642502 | 60969 | 75.4 | 7.741 | 809 | | | 79.7 | 58.5 | 27.0 | 1.3 | 90 |
| Wet Bulb | 3147473 | 50147 | 62.0 | 6.951 | 809 | | | 27.7 | 2.8 | | | 90 |
| Dew Point | 2287678 | 41604 | 51.4 | 13.540 | 809 | | 11.8 | 8.6 | | | | 90 |

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) APR (MONTH)

 2100-2300 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 | | | | |
| 86/ 85 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 84/ 83 | | | | | | .1 | | .1 | | .3 | .1 | | .1 | | | | | 6 | 6 | | |
| 82/ 81 | | | | | .3 | | .3 | | .4 | | .5 | | | .1 | | | | 12 | 12 | | |
| 80/ 79 | | | | .1 | .8 | .8 | .1 | .4 | 1.0 | .3 | | | .4 | | | | | 30 | 30 | | |
| 78/ 77 | | | | 1.0 | .5 | 1.0 | 1.0 | .1 | | | .4 | .4 | .1 | | | | | 36 | 36 | | |
| 76/ 75 | | | .5 | 1.9 | 1.5 | 1.5 | .4 | .1 | .5 | .3 | .8 | .5 | .1 | .1 | | | | 65 | 65 | 1 | |
| 74/ 73 | | | 1.8 | 1.6 | .6 | 1.6 | .5 | .6 | 1.1 | .5 | .9 | .1 | .4 | .3 | | | | 80 | 80 | 7 | |
| 72/ 71 | | 1.0 | 2.9 | 2.3 | .9 | .9 | .3 | .9 | .8 | | .8 | .5 | .1 | | | | | 86 | 86 | 28 | 3 |
| 70/ 69 | | 1.1 | 2.9 | 1.8 | 1.0 | .9 | 1.0 | .9 | .6 | .4 | .5 | .4 | | | | | | 91 | 91 | 55 | 29 |
| 68/ 67 | | 2.1 | 2.4 | 1.9 | 1.8 | .9 | .8 | .8 | .4 | .5 | .4 | .4 | | | | | | 97 | 97 | 73 | 45 |
| 66/ 65 | | 2.1 | 1.6 | 1.6 | .4 | .9 | 1.0 | .5 | .5 | .4 | .3 | | | | | | | 74 | 74 | 91 | 68 |
| 64/ 63 | .1 | 2.9 | 1.8 | .9 | .8 | 1.1 | .3 | .5 | .3 | .4 | .1 | | | | | | | 72 | 72 | 85 | 62 |
| 62/ 61 | .1 | 1.1 | .5 | 1.0 | .6 | .8 | .5 | .6 | .4 | .1 | | | | | | | | 46 | 46 | 68 | 72 |
| 60/ 59 | | .1 | .9 | .5 | .8 | .1 | .5 | .4 | .1 | .3 | | | | | | | | 29 | 29 | 65 | 57 |
| 58/ 57 | | .9 | .8 | .8 | .1 | .1 | 1.0 | .4 | .1 | | | | | | | | | 33 | 33 | 57 | 42 |
| 56/ 55 | .1 | | .1 | .1 | .1 | .1 | .3 | .3 | .3 | | | | | | | | | 11 | 11 | 68 | 54 |
| 54/ 53 | | .3 | | | .1 | .4 | .8 | | | | | | | | | | | 12 | 12 | 51 | 40 |
| 52/ 51 | | .1 | | | .1 | .1 | .4 | .3 | | | | | | | | | | 8 | 8 | 40 | 28 |
| 50/ 49 | .1 | | | .3 | .1 | .3 | | | | | | | | | | | | 6 | 6 | 29 | 31 |
| 48/ 47 | | | | | | .1 | .1 | | | | | | | | | | | 2 | 2 | 28 | 27 |
| 46/ 45 | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | 16 | 38 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 15 | 17 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 10 | 18 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 6 | 13 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 5 | 13 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 10 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 22 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 15 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 16 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 7 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 17 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 9 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 9 |
| 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 | | | | | | | | | | | | |

FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (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 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 6 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 8 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .5 | 11.8 | 16.0 | 15.6 | 8 | 0.5 | 11.8 | 9.0 | 6.8 | 6.0 | 3.3 | 4.6 | 2.3 | 1.3 | .5 | .1 | | | 799 | | 799 |
| | | | | | | | | | | | | | | | | | | 799 | | 799 | |

| 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. | 3339956 | 88370 | 60.5 | 22.718 | 799 | | | | | | | |
| Dry Bulb | 3768370 | 58592 | 48.3 | 6.932 | 799 | | | 56.8 | 25.9 | 3.7 | | 90 |
| Wet Bulb | 2883211 | 47591 | 59.6 | 7.799 | 799 | | | 18.5 | .9 | | | 90 |
| Dew Point | 2307205 | 41581 | 52.0 | 13.593 | 799 | | 10.1 | 8.7 | | | | 90 |

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54331

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 70,73-81 YEARS | APR MONTH



ALL 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 | | | | | |
| 102/101 | | | | | | | | | | | | | | | | | .0 | | 1 | 1 | | |
| 100/ 99 | | | | | | | | | | | | | | | | | .1 | | 4 | 4 | | |
| 98/ 97 | | | | | | | | | | | | | | | | .0 | .2 | | 13 | 13 | | |
| 96/ 95 | | | | | | | | | | | | | | | .0 | .1 | .2 | | 18 | 18 | | |
| 94/ 93 | | | | | | | | | | | | | .0 | .1 | .1 | .1 | .1 | | 22 | 22 | | |
| 92/ 91 | | | | | | | | | .0 | .0 | .0 | .0 | .1 | .0 | .1 | .1 | .2 | | 39 | 39 | | |
| 90/ 89 | | | | | | | | .0 | .1 | .0 | .2 | .1 | .0 | .1 | .2 | .2 | .1 | | 76 | 76 | | |
| 88/ 87 | | | | | | | .0 | .1 | .4 | .2 | .2 | .1 | .1 | .2 | .2 | .1 | .0 | | 102 | 102 | | |
| 86/ 85 | | | | | | .0 | .2 | .4 | .4 | .2 | .3 | .3 | .1 | .2 | .2 | .2 | .0 | | 166 | 166 | | |
| 84/ 83 | | | | | | .2 | .3 | .6 | .5 | .4 | .2 | .1 | .1 | .4 | .2 | .1 | | | 207 | 207 | | |
| 82/ 81 | | | | | .1 | .4 | .7 | .4 | .4 | .3 | .3 | .2 | .2 | .5 | .2 | | | | 244 | 244 | | |
| 80/ 79 | | | | .1 | .6 | .9 | .5 | .4 | .5 | .4 | .2 | .3 | .4 | .2 | .1 | | | | 303 | 303 | | |
| 78/ 77 | | | .0 | .7 | .9 | 1.0 | .7 | .6 | .5 | .3 | .4 | .5 | .3 | .2 | | | | | 387 | 387 | 1 | |
| 76/ 75 | | | .8 | 1.2 | 1.3 | .8 | .4 | .6 | .4 | .3 | .4 | .3 | .2 | .1 | | | | | 445 | 445 | 13 | |
| 74/ 73 | | .2 | 1.5 | 1.2 | .6 | .9 | .6 | .5 | .5 | .3 | .5 | .3 | .2 | .0 | | | | | 485 | 485 | 93 | |
| 72/ 71 | | .8 | 1.9 | 1.3 | .7 | .7 | .5 | .5 | .3 | .4 | .4 | .2 | .0 | | | | | | 509 | 509 | 319 | 15 |
| 70/ 69 | .0 | 1.7 | 2.9 | .9 | .9 | .4 | .4 | .4 | .3 | .4 | .4 | .2 | | | | | | | 585 | 585 | 543 | 254 |
| 68/ 67 | .2 | 2.7 | 2.2 | 1.0 | .9 | .5 | .5 | .3 | .5 | .4 | .3 | .1 | | | | | | | 627 | 627 | 695 | 382 |
| 66/ 65 | .3 | 2.3 | 1.3 | 1.0 | .6 | .4 | .3 | .4 | .5 | .3 | .2 | .0 | | | | | | | 490 | 490 | 705 | 616 |
| 64/ 63 | .2 | 2.3 | 1.1 | .7 | .5 | .4 | .3 | .3 | .4 | .3 | .1 | | | | | | | | 426 | 426 | 624 | 578 |
| 62/ 61 | .2 | 1.6 | .8 | 1.0 | .4 | .3 | .4 | .4 | .2 | .2 | .0 | | | | | | | | 354 | 354 | 586 | 489 |
| 60/ 59 | .1 | 1.2 | .9 | .4 | .2 | .2 | .5 | .4 | .2 | .1 | | | | | | | | | 268 | 268 | 528 | 425 |
| 58/ 57 | .2 | 1.1 | .7 | .4 | .2 | .3 | .5 | .3 | .2 | .0 | | | | | | | | | 246 | 246 | 514 | 437 |
| 56/ 55 | .1 | .4 | .5 | .2 | .2 | .2 | .3 | .2 | .1 | | | | | | | | | | 143 | 143 | 446 | 389 |
| 54/ 53 | .2 | .3 | .5 | .1 | .2 | .3 | .2 | .1 | .0 | | | | | | | | | | 124 | 124 | 327 | 340 |
| 52/ 51 | .0 | .3 | .4 | .0 | .4 | .2 | .1 | .1 | | | | | | | | | | | 103 | 103 | 270 | 279 |
| 50/ 49 | .0 | .2 | .1 | .2 | .2 | .2 | .1 | | | | | | | | | | | | 63 | 63 | 252 | 240 |
| 48/ 47 | | .0 | .0 | .1 | .1 | .0 | .0 | | | | | | | | | | | | 25 | 25 | 196 | 198 |
| 46/ 45 | | | .0 | .1 | .2 | .1 | .0 | | | | | | | | | | | | 29 | 29 | 133 | 212 |
| 44/ 43 | | .0 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | 21 | 21 | 116 | 133 |
| 42/ 41 | | | .0 | .1 | | .0 | | | | | | | | | | | | | 8 | 8 | 70 | 128 |
| 40/ 39 | | | .0 | .0 | .0 | | | | | | | | | | | | | | 3 | 3 | 56 | 134 |
| 38/ 37 | | | .1 | .0 | .0 | | | | | | | | | | | | | | 9 | 9 | 28 | 145 |
| 36/ 35 | | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 17 | 223 |

| 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. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 9 | 174 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 4 | 170 |
| 30/ 29 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 1 | 146 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 116 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 109 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 53 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 58 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 38 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 29 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 26 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 11 |
| TOTAL | 1.5 | 15.3 | 15.7 | 10.9 | 9.4 | 8.5 | 7.3 | 6.8 | 6.4 | 4.4 | 4.1 | 3.0 | 1.7 | 2.1 | 1.1 | .8 | .9 | | 6547 | | 6547 |
| | | | | | | | | | | | | | | | | | | 6547 | | 6547 | |

| 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. | 27881310 | 3917844 | 59.8 | 28.886 | 6547 | | | | | | | |
| Dry Bulb | 32553070 | 457296 | 69.8 | 9.667 | 6547 | | .1 | 645.3 | 276.3 | 115.0 | 6.4 | 720 |
| Wet Bulb | 28179918 | 394368 | 60.2 | 8.058 | 6547 | | .7 | 183.0 | 11.8 | | | 720 |
| Dew Point | 19101814 | 342598 | 52.3 | 13.398 | 6547 | | 83.1 | 71.6 | | | | 720 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,75-81 (YEARS) MAY (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 |
| 88/ 87 | | | | | | | .2 | | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | | | .3 | | | | | | | | | | | 2 | 2 | | |
| 84/ 83 | | | | | | .2 | .5 | | | | | | | | | | | 4 | 4 | | |
| 82/ 81 | | | | | | .8 | .8 | .5 | .6 | | | | | | | | | 17 | 17 | | |
| 80/ 79 | | | .6 | .6 | 1.1 | .9 | .8 | 1.1 | .3 | | | | | | | | | 35 | 35 | | |
| 78/ 77 | | .2 | 1.2 | 2.1 | 1.7 | .9 | 1.4 | .8 | | | | | | | | | | 54 | 54 | | |
| 76/ 75 | | | 2.4 | 1.7 | .9 | .9 | .5 | .6 | | | | | | | | | | 46 | 46 | 7 | 3 |
| 74/ 73 | | 1.8 | 3.7 | 2.9 | 1.1 | .8 | .9 | .3 | | | | | | | | | | 75 | 75 | 26 | 5 |
| 72/ 71 | .5 | 3.2 | 4.0 | 2.0 | 1.4 | 1.7 | 1.1 | | | | | | | | | | | 90 | 90 | 79 | 32 |
| 70/ 69 | .5 | 3.1 | 5.0 | 1.4 | 1.7 | .6 | .5 | .3 | | | | | | | | | | 85 | 85 | 77 | 66 |
| 68/ 67 | .5 | 5.2 | 6.9 | 1.2 | 1.5 | .2 | .5 | | | | | | | | | | | 104 | 104 | 86 | 76 |
| 66/ 65 | .2 | 2.3 | .8 | 1.8 | 1.1 | .6 | .3 | | | | | | | | | | | 46 | 46 | 111 | 78 |
| 64/ 63 | | 3.5 | .8 | 1.2 | .5 | .3 | | .2 | | | | | | | | | | 42 | 42 | 87 | 83 |
| 62/ 61 | | .6 | | .8 | .6 | | .3 | | | | | | | | | | | 15 | 15 | 64 | 69 |
| 60/ 59 | | .5 | .6 | .8 | .3 | .2 | | | | | | | | | | | | 15 | 15 | 42 | 51 |
| 58/ 57 | | | .3 | .9 | .3 | | | | | | | | | | | | | 10 | 10 | 17 | 43 |
| 56/ 55 | | | .5 | .5 | .2 | | | | | | | | | | | | | 7 | 7 | 22 | 36 |
| 54/ 53 | | | .9 | .2 | | | | | | | | | | | | | | 7 | 7 | 11 | 35 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 11 | 21 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 14 | 18 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | 12 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 16 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.5 | 20.3 | 27.6 | 18.0 | 12.2 | 7.9 | 7.8 | 3.7 | .9 | | | | | | | | | 655 | 655 | | 655 |
| | | | | | | | | | | | | | | | | | | 655 | | 655 | |

| 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. | 3794027 | 48945 | 74.7 | 4.452 | 655 | | | | | | | |
| Dry Bulb | 3270601 | 46117 | 70.4 | 6.009 | 655 | | | 72.8 | 33.2 | 5.7 | | 93 |
| Wet Bulb | 2784863 | 42553 | 65.0 | 5.578 | 655 | | | 39.0 | 4.7 | | | 93 |
| Dew Point | 2514230 | 40316 | 61.6 | 7.075 | 655 | | | 25.8 | 1.1 | | | 93 |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 70-75-81 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 |
| 84/ 83 | | | | | | .4 | | | | | | | | | | | | 3 | 3 | | |
| 82/ 81 | | | | | | .6 | | | | | | | | | | | | 4 | 4 | | |
| 80/ 79 | | | .4 | .1 | | 1.4 | .3 | | | | | | | | | | | 16 | 16 | | |
| 78/ 77 | | | .9 | .7 | .7 | .3 | .4 | | .1 | | | | | | | | | 22 | 22 | | |
| 76/ 75 | | .4 | 2.3 | 2.7 | .3 | .3 | .6 | .7 | | | | | | | | | | 51 | 51 | 3 | 3 |
| 74/ 73 | | 1.6 | 4.1 | 2.1 | .1 | .6 | 1.0 | | | | | | | | | | | 67 | 67 | 15 | 5 |
| 72/ 71 | .6 | 3.6 | 4.1 | 1.4 | .3 | .7 | .6 | .1 | | | | | | | | | | 80 | 80 | 56 | 21 |
| 70/ 69 | 1.3 | 5.1 | 4.6 | 1.4 | 1.1 | 1.0 | | | | | | | | | | | | 102 | 102 | 99 | 69 |
| 68/ 67 | .1 | 6.1 | 7.7 | 1.6 | 1.9 | .1 | .1 | .1 | | | | | | | | | | 125 | 125 | 93 | 87 |
| 66/ 65 | .7 | 4.1 | 3.6 | 1.4 | .1 | .7 | .1 | | | | | | | | | | | 76 | 76 | 101 | 99 |
| 64/ 63 | | 3.0 | 1.1 | 1.9 | | .3 | | | | | | | | | | | | 44 | 44 | 107 | 84 |
| 62/ 61 | | 2.1 | 1.4 | 1.1 | .3 | | .1 | | | | | | | | | | | 36 | 36 | 67 | 82 |
| 60/ 59 | | 1.6 | .7 | .1 | .1 | | .1 | .1 | | | | | | | | | | 20 | 20 | 47 | 39 |
| 58/ 57 | | .6 | 1.1 | .4 | .1 | .1 | | | | | | | | | | | | 17 | 17 | 36 | 46 |
| 56/ 55 | | .1 | .9 | .7 | .1 | .1 | | | | | | | | | | | | 14 | 14 | 22 | 47 |
| 54/ 53 | | | 1.4 | .6 | | | | | | | | | | | | | | 14 | 14 | 11 | 46 |
| 52/ 51 | | | .3 | | .3 | | | | | | | | | | | | | 4 | 4 | 11 | 11 |
| 50/ 49 | | .3 | .4 | | | | | | | | | | | | | | | 5 | 5 | 18 | 7 |
| 48/ 47 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 19 |
| 46/ 45 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 5 | 16 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 11 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 4 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.7 | 28.8 | 35.0 | 16.5 | 5.6 | 6.7 | 3.4 | 1.1 | .1 | | | | | | | | | | 702 | | 702 |
| | | | | | | | | | | | | | | | | | | 702 | | 702 | |

| 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. | 4575207 | 55971 | 79.7 | 12.678 | 702 | | | | | | | |
| Dry Bulb | 3280878 | 47798 | 68.1 | 6.136 | 702 | | | 62.3 | 21.6 | 1.7 | | 93 |
| Wet Bulb | 2896159 | 44889 | 63.9 | 6.062 | 702 | | | 35.2 | 2.8 | | | 93 |
| Dew Point | 2677183 | 43045 | 61.3 | 7.340 | 702 | | .1 | 28.5 | 1.1 | | | 93 |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (MONTH)

 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 |
| 86/ 85 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | .1 | | | .2 | .2 | | | | | | | | | | | 5 | 5 | | |
| 80/ 79 | | | .3 | .2 | .1 | .6 | .2 | .1 | | | | | | | | | | 14 | 14 | | |
| 78/ 77 | | .1 | .9 | .8 | .5 | .5 | .1 | .2 | | | | | | | | | | 27 | 27 | 1 | |
| 76/ 75 | | .8 | 2.4 | 1.9 | .1 | .6 | .7 | .1 | .2 | | | | | | | | | 60 | 60 | 5 | 3 |
| 74/ 73 | | 2.5 | 5.0 | 1.8 | .7 | 1.0 | 1.0 | .2 | | .1 | | | | | | | | 109 | 109 | 25 | 10 |
| 72/ 71 | .2 | 4.2 | 6.1 | 1.7 | 1.0 | .7 | .5 | .2 | | | | | | | | | | 129 | 129 | 78 | 33 |
| 70/ 69 | .9 | 4.2 | 5.4 | 1.2 | 2.3 | .8 | | | | | | | | | | | | 131 | 131 | 121 | 95 |
| 68/ 67 | .2 | 4.9 | 6.1 | 1.4 | 1.5 | .3 | .1 | .2 | .1 | | | | | | | | | 131 | 131 | 131 | 111 |
| 66/ 65 | .3 | 4.2 | 2.9 | 1.2 | .7 | .5 | .1 | .1 | | | | | | | | | | 89 | 89 | 107 | 121 |
| 64/ 63 | | 2.4 | 1.6 | 1.5 | .5 | .5 | .3 | | | | | | | | | | | 59 | 59 | 131 | 98 |
| 62/ 61 | | 1.2 | 1.1 | .9 | .6 | .1 | .2 | | | | | | | | | | | 37 | 37 | 75 | 77 |
| 60/ 59 | | 1.0 | 1.2 | .5 | .2 | | | .1 | | | | | | | | | | 27 | 27 | 62 | 65 |
| 58/ 57 | | .8 | .6 | .1 | .6 | .3 | | | | | | | | | | | | 21 | 21 | 41 | 53 |
| 56/ 55 | | .1 | 1.0 | .5 | .2 | | | | | | | | | | | | | 16 | 16 | 27 | 63 |
| 54/ 53 | | .1 | .2 | .5 | .2 | | | | | | | | | | | | | 9 | 9 | 26 | 40 |
| 52/ 51 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 16 | 24 |
| 50/ 49 | | .2 | .5 | .2 | | | | | | | | | | | | | | 8 | 8 | 15 | 17 |
| 48/ 47 | | .2 | | | .1 | | | | | | | | | | | | | 3 | 3 | 11 | 18 |
| 46/ 45 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 17 |
| 44/ 43 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 15 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 7 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 7 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 6 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.7 | 27.3 | 35.9 | 14.4 | 9.2 | 6.2 | 3.6 | 1.4 | .3 | .1 | | | | | | | | 884 | 884 | 884 | 884 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 5643759 | 69641 | 78.8 | 13.355 | 884 |
| Dry Bulb | 4168365 | 60467 | 68.4 | 6.051 | 884 |
| Wet Bulb | 3661249 | 56621 | 64.1 | 6.262 | 884 |
| Dew Point | 3368564 | 54132 | 61.2 | 7.808 | 884 |

| Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|
| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | 64.1 | 22.9 | 1.4 | | 93 |
| Wet Bulb | | | 38.0 | 3.3 | | | 93 |
| Dew Point | | .1 | 26.5 | 1.8 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (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 | | | | | | .1 | | .2 | .1 | .2 | .1 | | | | | | | 7 | 7 | | |
| 88/ 87 | | | | | | | .4 | | .2 | | .1 | .1 | .1 | .2 | | | | 11 | 11 | | |
| 86/ 85 | | | | | .1 | .2 | .2 | .9 | .4 | .1 | | .1 | .1 | | | | | 20 | 20 | | |
| 84/ 83 | | | | .1 | .4 | .9 | .8 | .8 | .4 | .3 | .3 | .2 | | | | | | 39 | 39 | | |
| 82/ 81 | | | | .8 | 1.1 | 2.2 | 1.4 | .5 | .3 | .7 | .4 | .1 | | | | | | 69 | 69 | | |
| 80/ 79 | | | .3 | 1.7 | 2.8 | 2.4 | .8 | 1.4 | .5 | .1 | .3 | .1 | | | | | | 97 | 97 | 1 | |
| 78/ 77 | | .1 | 1.1 | 3.9 | 2.4 | 2.0 | 1.1 | .9 | .3 | .2 | .2 | | | | | | | 112 | 112 | 2 | |
| 76/ 75 | | .4 | 3.3 | 3.9 | 3.2 | 1.2 | 1.0 | .9 | .2 | .3 | .2 | | | | | | | 134 | 134 | 23 | 4 |
| 74/ 73 | .1 | 1.2 | 2.0 | 4.2 | .9 | 1.3 | 1.0 | .9 | .2 | .2 | | | | | | | | 109 | 109 | 83 | 12 |
| 72/ 71 | .2 | 2.3 | 3.0 | 2.3 | .8 | 1.1 | 1.1 | .3 | .3 | .1 | | | | | | | | 105 | 105 | 159 | 53 |
| 70/ 69 | .4 | 1.5 | 3.3 | 1.3 | .7 | .8 | .7 | .7 | .4 | | | | | | | | | 89 | 89 | 144 | 127 |
| 68/ 67 | .5 | 1.3 | 1.9 | .5 | .5 | .3 | .8 | .3 | .1 | | | | | | | | | 58 | 58 | 136 | 128 |
| 66/ 65 | .2 | .4 | .8 | 1.0 | .1 | .1 | .1 | .3 | | | | | | | | | | 28 | 28 | 114 | 129 |
| 64/ 63 | | .1 | .1 | .5 | .1 | .5 | .2 | .1 | | | | | | | | | | 16 | 16 | 72 | 95 |
| 62/ 61 | | .2 | .1 | .2 | .3 | .2 | .4 | | | | | | | | | | | 14 | 14 | 65 | 72 |
| 60/ 59 | | | .1 | | .2 | | .1 | | | | | | | | | | | 4 | 4 | 35 | 50 |
| 58/ 57 | | | .2 | | .1 | | | | | | | | | | | | | 3 | 3 | 28 | 35 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 21 | 48 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 18 | 35 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 8 | 21 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 6 | 20 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 28 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 19 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 11 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 7 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 16 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 1.5 | 7.7 | 16.1 | 20.5 | 13.8 | 13.3 | 10.1 | 8.2 | 3.7 | 2.3 | 1.7 | .7 | .2 | .2 | | | | | 915 | | 915 |
| | | | | | | | | | | | | | | | | | | 915 | | 915 | |

| 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. | 4319724 | 60932 | 66.6 | 16.935 | 915 | | | | | | | |
| Dry Bulb | 5187545 | 68429 | 74.8 | 5.732 | 915 | | | 86.4 | 60.8 | 18.9 | | 93 |
| Wet Bulb | 4120839 | 61205 | 66.9 | 5.414 | 915 | | | 55.7 | 11.1 | | | 93 |
| Dew Point | 3580375 | 56759 | 62.0 | 8.070 | 915 | | | 32.9 | 1.6 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (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 |
| 102/101 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 100/ 99 | | | | | | | | | | | | | | .1 | | | .2 | 3 | 3 | | |
| 98/ 97 | | | | | | | | | | | | .1 | .4 | .1 | | .2 | | 8 | 8 | | |
| 96/ 95 | | | | | | | | | | .1 | .1 | .2 | | .2 | .1 | | | 7 | 7 | | |
| 94/ 93 | | | | | | | | | | .5 | .8 | .2 | .3 | .2 | | .1 | .2 | 22 | 22 | | |
| 92/ 91 | | | | | | | | .4 | .7 | 1.2 | .3 | .7 | .5 | .3 | .3 | .4 | | 45 | 45 | | |
| 90/ 89 | | | | | | | .2 | 1.6 | 1.3 | 1.2 | .7 | .9 | .1 | .2 | .3 | .2 | | 62 | 62 | | |
| 88/ 87 | | | | | | .1 | 1.7 | 1.6 | 1.5 | 1.1 | .5 | .4 | .5 | .1 | .1 | | | 72 | 72 | | |
| 86/ 85 | | | | | .1 | 1.4 | 2.9 | 2.0 | 1.5 | .7 | .7 | .4 | .1 | | | | | 90 | 90 | | |
| 84/ 83 | | | | .1 | .4 | 2.1 | 2.4 | 2.4 | 1.0 | .7 | .2 | .4 | .2 | | | | | 91 | 91 | | |
| 82/ 81 | | | | .2 | 2.3 | 1.8 | 3.4 | .5 | 1.7 | .4 | .2 | .5 | .1 | | | | | 104 | 104 | | |
| 80/ 79 | | | | 2.1 | 2.5 | 2.4 | 1.7 | 1.3 | .8 | .9 | .7 | .4 | | | | | | 117 | 117 | | |
| 78/ 77 | | | .2 | 1.3 | 2.4 | 1.3 | .2 | .8 | .9 | .5 | .5 | .1 | | | | | | 76 | 77 | 21 | |
| 76/ 75 | | .1 | 1.7 | 2.1 | 1.6 | .5 | .7 | .5 | .8 | .3 | .5 | | | | | | | 82 | 82 | 77 | 1 |
| 74/ 73 | | .8 | 1.0 | 1.7 | .7 | .5 | .4 | .2 | .1 | .7 | .1 | | | | | | | 57 | 57 | 166 | 7 |
| 72/ 71 | | .4 | .8 | .5 | .3 | .1 | .2 | .3 | .3 | .2 | | | | | | | | 30 | 30 | 143 | 62 |
| 70/ 69 | | .7 | .8 | .4 | .4 | .1 | | .3 | .1 | | | | | | | | | 26 | 26 | 153 | 131 |
| 68/ 67 | .1 | | .3 | | .2 | .2 | .5 | .1 | .1 | | | | | | | | | 15 | 15 | 109 | 129 |
| 66/ 65 | | .2 | | .2 | | | .1 | | | | | | | | | | | 5 | 5 | 66 | 104 |
| 64/ 63 | | .4 | .1 | | | .2 | | .2 | | | | | | | | | | 9 | 9 | 61 | 110 |
| 62/ 61 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 49 | 66 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 31 | 48 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 14 | 37 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 25 | 48 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 5 | 24 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 2 | 26 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 1 | 22 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 24 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 20 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 15 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 21 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 12 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 10 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 6 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (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 |
| TOTAL | .1 | 2.6 | 4.9 | 8.7 | 10.9 | 10.9 | 14.5 | 12.4 | 10.7 | 8.5 | 5.3 | 4.4 | 2.4 | 1.3 | .9 | 1.0 | .5 | 923 | 924 | 923 | 923 |

| 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. | 2924704 | 49418 | 53.5 | 17.390 | 923 | | | | | | | |
| Dry Bulb | 6168884 | 75234 | 81.4 | 6.839 | 924 | | | 91.5 | 84.3 | 57.4 | 4.1 | 93 |
| Wet Bulb | 4395342 | 63508 | 68.8 | 5.270 | 923 | | | 67.4 | 26.6 | | | 93 |
| Dew Point | 3553763 | 56693 | 61.4 | 8.808 | 923 | | | 33.3 | .8 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70,73-81 MAY
STATION STATION NAME YEARS 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 |
| 104/103 | | | | | | | | | | | | | | | | | .7 | 6 | 6 | | |
| 102/101 | | | | | | | | | | | | | | .1 | .2 | .3 | .3 | 9 | 9 | | |
| 100/ 99 | | | | | | | | | | | | .3 | | .4 | .1 | .1 | | 9 | 9 | | |
| 98/ 97 | | | | | | | | | | | | | .1 | .5 | | .1 | .1 | 8 | 8 | | |
| 96/ 95 | | | | | | | | | | .2 | .5 | 1.3 | .5 | .4 | .5 | .4 | .9 | 45 | 45 | | |
| 94/ 93 | | | | | | | | | .3 | .5 | 1.4 | 1.5 | .2 | .2 | 1.2 | .4 | .5 | 59 | 59 | | |
| 92/ 91 | | | | | | | | .3 | 1.4 | 1.4 | 1.1 | 1.4 | 1.1 | .1 | .5 | .5 | | 73 | 73 | | |
| 90/ 89 | | | | | | .1 | .2 | 1.9 | 2.5 | 1.0 | 1.4 | .7 | .4 | .5 | .3 | .1 | | 84 | 84 | | |
| 88/ 87 | | | | | | .2 | 1.0 | 3.0 | 2.1 | 2.0 | .5 | .7 | .5 | .2 | .1 | | | 94 | 94 | | |
| 86/ 85 | | | | | | .4 | 1.9 | 1.8 | 1.1 | 1.1 | .3 | .7 | .7 | .2 | | | | 74 | 74 | | |
| 84/ 83 | | | | .2 | | 1.3 | 1.8 | 1.8 | 1.1 | 1.1 | .3 | 1.1 | .4 | .1 | | | | 84 | 84 | | |
| 82/ 81 | | | | | 1.2 | 1.9 | 2.1 | 1.1 | .5 | .7 | .7 | 1.0 | 1.0 | .1 | .1 | | | 94 | 94 | | |
| 80/ 79 | | | | 1.2 | 1.2 | 2.2 | .5 | .4 | .5 | .4 | .7 | .5 | .4 | | | | | 75 | 75 | 4 | |
| 78/ 77 | | .1 | .5 | 2.0 | 2.6 | 1.6 | .2 | .3 | .4 | .2 | .5 | | | | | | | 79 | 79 | 19 | 1 |
| 76/ 75 | | .1 | 1.4 | 1.0 | 1.1 | .4 | .4 | .2 | .1 | .4 | .3 | .1 | | | | | | 52 | 52 | 76 | 3 |
| 74/ 73 | | | .3 | .2 | .2 | .2 | | .1 | .4 | .1 | | | | | | | | 15 | 15 | 180 | 6 |
| 72/ 71 | | .1 | .3 | .5 | .2 | | | .2 | .5 | | | | | | | | | 18 | 18 | 147 | 30 |
| 70/ 69 | | | .5 | .4 | .3 | .1 | | .2 | | | | | | | | | | 15 | 15 | 141 | 117 |
| 68/ 67 | | .1 | .2 | .1 | | | | | .1 | | | | | | | | | 5 | 5 | 88 | 112 |
| 66/ 65 | | .3 | .4 | .1 | | | | | .2 | | | | | | | | | 10 | 10 | 70 | 110 |
| 64/ 63 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 61 | 90 |
| 62/ 61 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 48 | 83 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 40 | 52 |
| 58/ 57 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 22 | 44 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 11 | 40 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | 25 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 13 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | 27 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 25 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 30 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 31 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 26 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 14 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 13 |

| 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 | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (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 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 13 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 6 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 1.1 | 3.9 | 5.8 | 6.9 | 8.6 | 8.1 | 11.3 | 11.5 | 9.2 | 7.9 | 9.3 | 5.5 | 3.1 | 3.2 | 2.1 | 2.5 | | | 912 | | 912 |
| | | | | | | | | | | | | | | | | | | | 912 | | 912 | |

| 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. | 2296229 | 42581 | 46.7 | 18.391 | 912 | | | | | | | |
| Dry Bulb | 6573530 | 77128 | 84.6 | 7.468 | 912 | | | 91.6 | 87.7 | 68.7 | 13.9 | 93 |
| Wet Bulb | 4365294 | 62914 | 69.0 | 5.259 | 912 | | | 66.8 | 28.5 | | | 93 |
| Dew Point | 3341665 | 54483 | 59.7 | 9.764 | 912 | | .1 | 27.9 | 1.0 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (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 |
| 104/103 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 102/101 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 100/ 99 | | | | | | | | | | | | | | | .1 | | .1 | 2 | 2 | | |
| 98/ 97 | | | | | | | | | | | | .1 | .1 | .1 | | .2 | | 5 | 5 | | |
| 96/ 95 | | | | | | | | | | | .1 | .1 | .1 | .2 | .2 | .4 | | 10 | 10 | | |
| 94/ 93 | | | | | | | | | | .4 | .4 | .1 | .1 | | .4 | .2 | .2 | 15 | 15 | | |
| 92/ 91 | | | | | | | | | .2 | 1.0 | 1.0 | .6 | .2 | .2 | .5 | .5 | | 35 | 35 | | |
| 90/ 89 | | | | | | | | .5 | .9 | 1.0 | 1.0 | 1.1 | .5 | .7 | .2 | .2 | | 50 | 50 | | |
| 88/ 87 | | | | | | .1 | 1.1 | 2.0 | 1.5 | 1.2 | .4 | .2 | .5 | .4 | | | | 60 | 60 | | |
| 86/ 85 | | | | | .1 | .2 | 1.4 | 1.4 | 1.4 | .4 | 1.0 | .4 | .9 | .1 | | | | 58 | 58 | | |
| 84/ 83 | | | | | .4 | 1.6 | 1.5 | 1.9 | 1.5 | .6 | .9 | .2 | .4 | .4 | | | | 75 | 75 | | |
| 82/ 81 | | | | .5 | 1.2 | 2.6 | 1.6 | .9 | 1.2 | .4 | .6 | .6 | .4 | | | | | 81 | 81 | | |
| 80/ 79 | | | | .7 | 2.2 | 1.6 | 1.0 | 1.1 | .9 | .4 | .6 | .5 | .2 | | .1 | | | 76 | 76 | | |
| 78/ 77 | | .1 | .7 | 2.5 | 2.1 | 1.9 | .5 | .9 | .5 | .5 | .9 | | .1 | .1 | | | | 87 | 87 | 8 | |
| 76/ 75 | | .4 | 1.7 | 2.5 | 2.6 | .7 | .6 | 1.1 | .5 | .4 | .2 | .2 | | | | | | 89 | 89 | 35 | 2 |
| 74/ 73 | | .6 | 1.9 | 2.3 | .6 | .7 | .5 | .4 | .7 | .5 | .4 | | | | | | | 70 | 70 | 110 | 10 |
| 72/ 71 | | .2 | 1.2 | 1.0 | .5 | | .1 | .2 | .5 | .1 | | | | | | | | 32 | 32 | 138 | 26 |
| 70/ 69 | | .1 | 1.4 | .6 | .6 | | .2 | .6 | | .1 | | | | | | | | 30 | 30 | 129 | 94 |
| 68/ 67 | | .4 | .6 | .6 | .1 | .1 | .4 | .2 | .1 | | | | | | | | | 21 | 21 | 99 | 99 |
| 66/ 65 | | | | .1 | | | .1 | .1 | .2 | | | | | | | | | 5 | 5 | 84 | 97 |
| 64/ 63 | | | .4 | .1 | | .1 | | | | | | | | | | | | 5 | 5 | 56 | 89 |
| 62/ 61 | | .1 | | | .1 | | | | | | | | | | | | | 2 | 2 | 57 | 56 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 38 | 55 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 22 | 40 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 23 | 31 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 5 | 33 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 4 | 25 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | 14 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 33 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 24 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 26 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 16 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 12 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 7 |

| 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 | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) MAY (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 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 10 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 9 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 2.0 | 7.9 | 11.0 | 10.6 | 9.8 | 9.0 | 11.2 | 10.1 | 6.9 | 7.4 | 4.3 | 3.6 | 2.3 | 1.7 | 1.6 | .5 | 810 | 810 | 810 | 810 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2566678 | 42786 | 52.8 | 19.468 | 810 | | | | | | | |
| Dry Bulb | 5294534 | 65234 | 80.5 | 7.107 | 810 | | | 91.6 | 82.1 | 50.1 | 3.9 | 93 |
| Wet Bulb | 3731873 | 54809 | 67.7 | 5.355 | 810 | | | 59.6 | 17.6 | | | 93 |
| Dew Point | 2962100 | 48350 | 59.7 | 9.694 | 810 | | .2 | 26.5 | 1.4 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) MAY (MONTH)

 2100-2300 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 | | | | |
| 92/ 91 | | | | | | | | | | .3 | | | | | | | | 2 | 2 | | |
| 90/ 89 | | | | | | | | | .1 | .3 | | .1 | | | | | | 4 | 4 | | |
| 88/ 87 | | | | | | | .1 | .7 | .3 | .4 | | | | | | | | 11 | 11 | | |
| 86/ 85 | | | | | | .3 | .4 | 1.0 | 1.2 | | .1 | .1 | | | | | | 24 | 24 | | |
| 84/ 83 | | | | .1 | .1 | .5 | 2.1 | .9 | .5 | .9 | .1 | .1 | | | | | | 42 | 42 | | |
| 82/ 81 | | | | .5 | .7 | .8 | 1.0 | 1.2 | .1 | .4 | | .1 | | | | | | 37 | 37 | | |
| 80/ 79 | | | .1 | 1.3 | 2.0 | 1.4 | .9 | .9 | .8 | .3 | .1 | .1 | | | | | | 61 | 61 | | |
| 78/ 77 | | | .7 | 2.0 | 1.6 | 1.3 | 1.6 | .7 | .7 | .4 | | | | | | | | 67 | 67 | 1 | |
| 76/ 75 | | .1 | 2.2 | 2.1 | 2.3 | 1.8 | .8 | .9 | .4 | .4 | | | | | | | | 85 | 85 | 14 | |
| 74/ 73 | | 1.4 | 3.4 | 3.9 | 1.3 | 1.2 | .9 | .7 | | .1 | | | | | | | | 99 | 99 | 56 | 6 |
| 72/ 71 | | 2.2 | 5.9 | 2.3 | 1.4 | .5 | 1.4 | .5 | .1 | | | | | | | | | 111 | 111 | 110 | 36 |
| 70/ 69 | | 1.2 | 4.0 | 1.3 | .9 | 1.3 | 1.2 | .1 | .7 | .1 | | | | | | | | 83 | 83 | 99 | 81 |
| 68/ 67 | .3 | .8 | 2.6 | .8 | .8 | 1.0 | .8 | .4 | .4 | | | | | | | | | 60 | 60 | 140 | 94 |
| 66/ 65 | | .8 | 1.2 | .1 | .7 | .8 | .7 | .1 | | | | | | | | | | 33 | 33 | 95 | 104 |
| 64/ 63 | | .8 | .4 | .7 | .3 | .5 | .4 | .3 | | | | | | | | | | 25 | 25 | 69 | 91 |
| 62/ 61 | | .4 | | .1 | .5 | .3 | .1 | .1 | | | | | | | | | | 12 | 12 | 57 | 76 |
| 60/ 59 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 39 | 50 |
| 58/ 57 | | | | .3 | .1 | | | | | | | | | | | | | 3 | 3 | 29 | 37 |
| 56/ 55 | | | .1 | .4 | | .1 | .1 | | | | | | | | | | | 6 | 6 | 15 | 27 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 27 | 42 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 9 | 28 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 5 | 20 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 23 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 2 | 16 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 11 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 8 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 6 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 6 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .3 | 7.8 | 20.6 | 16.0 | 12.6 | 11.9 | 12.5 | 8.5 | 5.2 | 3.5 | .4 | .7 | | | | | | 767 | 767 | | 767 |
| | | | | | | | | | | | | | | | | | | 767 | | 767 | |

| 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. | 3556581 | 50609 | 66.0 | 16.841 | 767 | | | | | | | |
| Dry Bulb | 4223986 | 56714 | 73.9 | 6.300 | 767 | | | 83.2 | 52.4 | 17.8 | | 93 |
| Wet Bulb | 3362788 | 50602 | 66.0 | 5.641 | 767 | | | 50.9 | 8.6 | | | 93 |
| Dew Point | 2903052 | 46778 | 61.0 | 8.091 | 767 | | | 26.3 | .7 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 |
| 104/103 | | | | | | | | | | | | | | | | | .1 | 7 | 7 | | |
| 102/101 | | | | | | | | | | | | | | .0 | .0 | .0 | .1 | 11 | 11 | | |
| 100/ 99 | | | | | | | | | | | | .0 | | .1 | .0 | .0 | .0 | 14 | 14 | | |
| 98/ 97 | | | | | | | | | | | | .0 | .1 | .1 | | .1 | .0 | 21 | 21 | | |
| 96/ 95 | | | | | | | | | | .0 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | 62 | 62 | | |
| 94/ 93 | | | | | | | | | .0 | .2 | .4 | .3 | .1 | .1 | .2 | .1 | .1 | 96 | 96 | | |
| 92/ 91 | | | | | | | | .1 | .3 | .5 | .3 | .4 | .3 | .1 | .2 | .2 | | 155 | 155 | | |
| 90/ 89 | | | | | | .0 | .1 | .6 | .7 | .5 | .4 | .4 | .1 | .2 | .1 | .1 | | 207 | 207 | | |
| 88/ 87 | | | | | | .1 | .6 | 1.0 | .7 | .6 | .2 | .2 | .2 | .1 | .0 | | | 249 | 249 | | |
| 86/ 85 | | | | | .0 | .4 | 1.0 | .9 | .7 | .3 | .3 | .2 | .2 | .0 | | | | 269 | 269 | | |
| 84/ 83 | | | | .1 | .2 | .9 | 1.2 | 1.0 | .6 | .5 | .2 | .3 | .1 | .1 | | | | 340 | 340 | | |
| 82/ 81 | | | .0 | .3 | .9 | 1.4 | 1.4 | .6 | .6 | .3 | .3 | .3 | .2 | .0 | .0 | | | 411 | 411 | | |
| 80/ 79 | | | .2 | 1.1 | 1.5 | 1.7 | .8 | .8 | .5 | .3 | .3 | .2 | .1 | | .0 | | | 491 | 491 | 5 | |
| 78/ 77 | | .1 | .8 | 1.9 | 1.8 | 1.2 | .7 | .6 | .4 | .2 | .3 | .0 | .0 | .0 | | | | 524 | 525 | 52 | 1 |
| 76/ 75 | | .3 | 2.2 | 2.2 | 1.6 | .8 | .7 | .6 | .3 | .2 | .2 | .0 | | | | | | 599 | 599 | 240 | 19 |
| 74/ 73 | .0 | 1.2 | 2.6 | 2.4 | .7 | .8 | .7 | .4 | .2 | .2 | .1 | | | | | | | 601 | 601 | 661 | 61 |
| 72/ 71 | .2 | 1.9 | 3.1 | 1.4 | .7 | .6 | .6 | .3 | .2 | .1 | | | | | | | | 595 | 595 | 910 | 293 |
| 70/ 69 | .4 | 1.9 | 3.0 | 1.0 | 1.0 | .6 | .3 | .3 | .2 | .0 | | | | | | | | 561 | 561 | 963 | 780 |
| 68/ 67 | .2 | 2.2 | 3.0 | .7 | .8 | .3 | .4 | .2 | .1 | | | | | | | | | 519 | 519 | 882 | 836 |
| 66/ 65 | .2 | 1.5 | 1.2 | .7 | .3 | .3 | .2 | .1 | .1 | | | | | | | | | 292 | 292 | 748 | 842 |
| 64/ 63 | | 1.2 | .5 | .7 | .2 | .3 | .1 | .1 | | | | | | | | | | 202 | 202 | 644 | 740 |
| 62/ 61 | | .6 | .3 | .4 | .3 | .1 | .2 | .0 | | | | | | | | | | 118 | 118 | 482 | 581 |
| 60/ 59 | | .4 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | | | | | 68 | 68 | 334 | 410 |
| 58/ 57 | | .2 | .3 | .2 | .2 | .1 | | | | | | | | | | | | 55 | 55 | 209 | 335 |
| 56/ 55 | | .0 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | | | 43 | 43 | 166 | 340 |
| 54/ 53 | | .0 | .3 | .1 | .0 | | | | | | | | | | | | | 30 | 30 | 105 | 280 |
| 52/ 51 | | .0 | .1 | | .0 | | | | | | | | | | | | | 8 | 8 | 62 | 169 |
| 50/ 49 | | .1 | .1 | .0 | | | | | | | | | | | | | | 13 | 13 | 63 | 145 |
| 48/ 47 | | .0 | | | .0 | | | | | | | | | | | | | 4 | 4 | 22 | 182 |
| 46/ 45 | | .0 | | .0 | | | | | | | | | | | | | | 2 | 2 | 14 | 158 |
| 44/ 43 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 3 | 126 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 87 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 2 | 70 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 50 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 39 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 19 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .9 | 11.5 | 18.2 | 13.6 | 10.2 | 9.5 | 8.8 | 7.5 | 5.6 | 4.1 | 3.0 | 2.6 | 1.6 | .9 | .8 | .6 | .5 | | 6569 | | 6568 |
| | | | | | | | | | | | | | | | | | | 6568 | | 6568 | |

| 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. | 29676909 | 420883 | 64.1 | 20.301 | 6568 | | | | | | | |
| Dry Bulb | 38128323 | 497121 | 75.7 | 8.793 | 6569 | | | 649.3 | 459.6 | 235.5 | 23.9 | 744 |
| Wet Bulb | 29318407 | 437101 | 66.6 | 5.909 | 6568 | | | 420.6 | 108.5 | | | 744 |
| Dew Point | 24900932 | 400556 | 61.0 | 8.484 | 6568 | | .6 | 225.9 | 9.2 | | | 744 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (MONTH)

 0000-0200 (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 | | | | | |
| 96/ 95 | | | | | | | | | | | .3 | | .3 | | | | | | 2 | 2 | | |
| 94/ 93 | | | | | | | | | | | .3 | .3 | | | | | | | 4 | 4 | | |
| 92/ 91 | | | | | | | | | | .5 | .6 | .5 | | | | | | | 10 | 10 | | |
| 90/ 89 | | | | | | | | | .2 | 1.1 | .5 | | .2 | | | | | | 12 | 12 | | |
| 88/ 87 | | | | | | | .2 | .3 | .8 | .3 | .2 | | | | | | | | 11 | 11 | | |
| 86/ 85 | | | | | | .9 | .6 | .9 | .8 | .2 | .2 | | | | | | | | 23 | 23 | | |
| 84/ 83 | | | | .5 | .8 | .6 | 1.4 | 1.9 | .3 | .2 | .2 | | | | | | | | 37 | 37 | | |
| 82/ 81 | | | .3 | 1.1 | 3.1 | 2.2 | 1.9 | .8 | .3 | .2 | | | | | | | | | 63 | 63 | | |
| 80/ 79 | | .2 | 1.9 | 3.3 | 3.3 | 2.8 | .6 | .3 | | | | | | | | | | | 79 | 79 | | |
| 78/ 77 | | .6 | 2.2 | 3.9 | 3.9 | 2.7 | | | | | | | | | | | | | 85 | 85 | 9 | |
| 76/ 75 | | .9 | 4.2 | 3.1 | 6.0 | 1.6 | .5 | | | | | | | | | | | | 104 | 104 | 41 | 12 |
| 74/ 73 | .3 | 2.2 | .9 | 3.4 | 1.9 | .6 | | | | | | | | | | | | | 60 | 60 | 115 | 32 |
| 72/ 71 | .5 | 1.1 | 2.8 | 1.9 | 1.4 | .5 | | .2 | | | | | | | | | | | 53 | 53 | 131 | 81 |
| 70/ 69 | | 1.6 | 1.9 | 1.9 | .5 | .5 | | | | | | | | | | | | | 40 | 40 | 112 | 82 |
| 68/ 67 | .9 | 1.1 | 1.7 | 1.4 | .3 | | | | | | | | | | | | | | 35 | 35 | 104 | 88 |
| 66/ 65 | | .2 | .8 | | .3 | | | | | | | | | | | | | | 8 | 8 | 59 | 101 |
| 64/ 63 | | | .3 | .3 | | | | | | | | | | | | | | | 4 | 4 | 36 | 93 |
| 62/ 61 | | .2 | .6 | | | | | | | | | | | | | | | | 5 | 5 | 14 | 53 |
| 60/ 59 | | .2 | .2 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 55 |
| 58/ 57 | | .2 | | | | | | | | | | | | | | | | | 1 | 1 | 11 | 15 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 | 13 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 10 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.7 | 8.3 | 17.9 | 20.8 | 21.5 | 12.4 | 5.2 | 4.4 | 2.4 | 2.4 | 1.9 | .8 | .5 | | | | | | 638 | 638 | 638 | 638 |

| 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. | 3288537 | 44823 | 70.3 | 18.583 | 638 | | | | | | | |
| Dry Bulb | 3793421 | 49041 | 76.9 | 6.112 | 638 | | | 87.2 | 69.1 | 29.1 | .8 | 90 |
| Wet Bulb | 3102644 | 44920 | 69.6 | 3.953 | 638 | | | 72.2 | 23.3 | | | 90 |
| Dew Point | 2778986 | 41992 | 65.8 | 8.877 | 638 | | | 81.6 | 6.2 | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73,75-81 (YEARS) JUN (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 | | | | | |
| 92/ 91 | | | | | | | | | | .1 | .1 | | | | | | | | 2 | 2 | | |
| 90/ 89 | | | | | | | | | .1 | .3 | .4 | | | | | | | | 6 | 6 | | |
| 88/ 87 | | | | | | | | | .6 | .1 | | | | | | | | | 5 | 5 | | |
| 86/ 85 | | | | | | | .4 | .3 | .4 | | | | | | | | | | 8 | 8 | | |
| 84/ 83 | | | | | .1 | .4 | .4 | .9 | | .3 | | | | | | | | | 15 | 15 | | |
| 82/ 81 | | | | .4 | .7 | .7 | 1.5 | .3 | | .1 | | | | | | | | | 26 | 26 | | |
| 80/ 79 | | .1 | 2.0 | 2.6 | 1.9 | 1.5 | .6 | .1 | | | | | | | .1 | | | | 62 | 62 | | |
| 78/ 77 | | .9 | 3.1 | 6.0 | 2.8 | 1.0 | .4 | .7 | | | | | | | | | | | 102 | 102 | 3 | |
| 76/ 75 | | 1.9 | 6.6 | 5.4 | 2.5 | .3 | .1 | | | | | | | | | | | | 115 | 115 | 27 | 4 |
| 74/ 73 | .3 | 3.9 | 3.8 | 6.1 | 1.2 | .4 | | | | | | | | | | | | | 108 | 108 | 107 | 45 |
| 72/ 71 | 1.7 | 2.0 | 4.9 | 3.2 | .9 | | | | | | | | | | | | | | 88 | 88 | 154 | 94 |
| 70/ 69 | .1 | 2.3 | 3.1 | 2.5 | | | | | | | | | | | | | | | 55 | 55 | 116 | 106 |
| 68/ 67 | 1.0 | 1.6 | 2.2 | .9 | | | | | | | | | | | | | | | 39 | 39 | 122 | 109 |
| 66/ 65 | | .4 | 1.3 | .4 | | | | | | | | | | | | | | | 15 | 15 | 59 | 110 |
| 64/ 63 | | .4 | 1.5 | .1 | .1 | | | | | | | | | | | | | | 15 | 15 | 44 | 68 |
| 62/ 61 | .1 | .1 | .3 | .4 | | | | | | | | | | | | | | | 7 | 7 | 16 | 67 |
| 60/ 59 | | .4 | .6 | .1 | | | | | | | | | | | | | | | 8 | 8 | 12 | 29 |
| 58/ 57 | | .6 | | .3 | | | | | | | | | | | | | | | 6 | 6 | 9 | 21 |
| 56/ 55 | | .4 | | .1 | | | | | | | | | | | | | | | 4 | 4 | 10 | 13 |
| 54/ 53 | | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 12 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 3 | 2 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.3 | 15.3 | 29.3 | 28.8 | 10.2 | 4.4 | 3.5 | 2.3 | 1.2 | 1.0 | .6 | | | | .1 | | | | | 687 | | 687 |
| | | | | | | | | | | | | | | | | | | | 687 | | 687 | |

| 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. | 4216072 | 53090 | 77.3 | 12.856 | 687 | | | | | | | |
| Dry Bulb | 1789439 | 50873 | 74.1 | 5.695 | 687 | | | 82.7 | 58.8 | 12.1 | | 90 |
| Wet Bulb | 3271913 | 47311 | 68.9 | 8.483 | 687 | | | 69.3 | 17.9 | | | 90 |
| Dew Point | 3021848 | 45810 | 66.1 | 5.385 | 687 | | .1 | 46.9 | 6.4 | | | 90 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (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 |
| 90/ 89 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | .1 | | | .5 | .5 | | | | | | | | 9 | 9 | | |
| 86/ 85 | | | | | | .1 | | | .6 | | | | | | | | | 6 | 6 | | |
| 84/ 83 | | | | | | | | 1.1 | .1 | | | | | | | | | 10 | 10 | | |
| 82/ 81 | | | .1 | .5 | 1.1 | .5 | 1.2 | .1 | .4 | | | | | | | | | 32 | 32 | | |
| 80/ 79 | | .1 | .9 | 2.9 | 3.0 | 1.5 | .4 | .1 | | | | | | | .4 | | | 80 | 80 | | |
| 78/ 77 | | .9 | 3.6 | 7.0 | 3.3 | .8 | .7 | | | | | | | | | | | 140 | 140 | 4 | 1 |
| 76/ 75 | .1 | 1.5 | 6.3 | 5.4 | 2.1 | .6 | .1 | | .1 | | | | | | | | | 139 | 139 | 28 | 9 |
| 74/ 73 | .2 | 3.6 | 6.9 | 6.3 | 1.1 | .6 | .1 | .1 | | | | | | | | | | 162 | 162 | 131 | 35 |
| 72/ 71 | 1.1 | 3.3 | 3.6 | 2.6 | 1.2 | .4 | .1 | .1 | | | | | | | | | | 105 | 105 | 195 | 131 |
| 70/ 69 | .9 | 2.2 | 3.8 | .6 | .4 | | .1 | | | | | | | | | | | 68 | 68 | 189 | 167 |
| 68/ 67 | .2 | 1.8 | 2.1 | .6 | .4 | .1 | .5 | | | | | | | | | | | 48 | 48 | 123 | 135 |
| 66/ 65 | .1 | .4 | .9 | .2 | .4 | .1 | | | | | | | | | | | | 18 | 18 | 80 | 122 |
| 64/ 63 | .1 | .6 | .5 | .2 | .2 | .1 | | | | | | | | | | | | 15 | 15 | 37 | 99 |
| 62/ 61 | .1 | .4 | .2 | .4 | .1 | | | | | | | | | | | | | 10 | 10 | 18 | 54 |
| 60/ 59 | | | .2 | .2 | | | | | | | | | | | | | | 4 | 4 | 17 | 29 |
| 58/ 57 | | .1 | .1 | .2 | | | | | | | | | | | | | | 4 | 4 | 11 | 24 |
| 56/ 55 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 9 | 13 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 5 | 9 |
| 52/ 51 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 5 | 7 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 4 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 2.9 | 15.0 | 29.5 | 27.2 | 13.1 | 4.9 | 3.2 | 1.5 | 1.6 | .6 | | | | | .4 | | | 853 | 853 | | 853 |
| | | | | | | | | | | | | | | | | | | | | 853 | |

| 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. | 5229473 | 65677 | 77.2 | 12.901 | 853 | | | | | | | |
| Dry Bulb | 4709136 | 63238 | 74.1 | 8.956 | 853 | | | 84.4 | 61.1 | 8.9 | | 90 |
| Wet Bulb | 4076243 | 58849 | 69.0 | 6.362 | 853 | | | 70.7 | 17.2 | | | 90 |
| Dew Point | 3764526 | 56444 | 66.2 | 5.890 | 853 | | .3 | 50.8 | 8.7 | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (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 |
| 98/ 97 | | | | | | | | | | | | .2 | .1 | | | | | 3 | 3 | | |
| 96/ 95 | | | | | | | | | | .1 | .2 | .2 | | | | | | 5 | 5 | | |
| 94/ 93 | | | | | | | | .1 | | .2 | .4 | .1 | | | | | | 8 | 8 | | |
| 92/ 91 | | | | | | | | | .2 | .9 | .1 | | | .1 | | | | 12 | 12 | | |
| 90/ 89 | | | | | | | .1 | .7 | .7 | 1.0 | | | | | | | | 22 | 22 | | |
| 88/ 87 | | | | | | .9 | 1.0 | 2.4 | 1.6 | .1 | .2 | .1 | | | | | | 56 | 56 | | |
| 86/ 85 | | | | .1 | .4 | 3.1 | 2.2 | 2.8 | .9 | .4 | | | | | | | | 90 | 90 | | |
| 84/ 83 | | | .1 | .3 | 2.6 | 4.3 | 2.5 | 2.5 | .8 | .2 | .1 | | | | | | | 119 | 119 | | |
| 82/ 81 | | | .3 | 2.6 | 5.7 | 4.4 | 3.0 | .4 | .8 | .1 | .2 | | | | | | | 157 | 157 | | |
| 80/ 79 | | | 1.0 | 4.4 | 4.7 | 3.3 | 1.1 | 1.0 | .2 | .2 | | | | | .1 | | | 143 | 143 | 5 | |
| 78/ 77 | | .1 | 1.6 | 3.8 | 3.4 | 1.6 | .9 | .3 | .1 | .3 | | | | | | | | 108 | 108 | 30 | 2 |
| 76/ 75 | | .7 | 1.9 | 2.2 | 1.5 | 1.5 | .3 | | | .1 | | | | | | | | 73 | 73 | 120 | 15 |
| 74/ 73 | | 1.0 | 1.0 | 1.3 | .3 | .4 | .2 | .1 | .1 | .1 | | | | | | | | 42 | 42 | 265 | 63 |
| 72/ 71 | .2 | 1.7 | .7 | .3 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | 31 | 31 | 197 | 136 |
| 70/ 69 | .1 | .1 | .4 | .1 | .1 | .2 | | | | | | | | | | | | 10 | 10 | 118 | 181 |
| 68/ 67 | | .3 | .1 | .1 | | | | | | | | | | | | | | 5 | 5 | 75 | 133 |
| 66/ 65 | .1 | .2 | .1 | .1 | | | | | | | | | | | | | | 5 | 5 | 42 | 148 |
| 64/ 63 | .1 | | .1 | | | | | | | | | | | | | | | 2 | 2 | 15 | 86 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 13 | 34 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 6 | 30 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 2 | 31 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 2 | 8 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 7 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 2 |
| 46/ 47 | | | | | | | | | | | | | | | | | | | | | 9 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .6 | 4.2 | 7.4 | 15.5 | 18.9 | 19.8 | 11.6 | 10.4 | 5.5 | 3.9 | 1.3 | .7 | .1 | .1 | .1 | | | | 891 | | 891 |
| | | | | | | | | | | | | | | | | | | 891 | | 891 | |

| 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. | 3846971 | 57209 | 64.2 | 13.971 | 891 | | | | | | | |
| Dry Bulb | 5835511 | 71959 | 80.8 | 5.188 | 891 | | | 89.3 | 84.6 | 55.9 | 1.6 | 90 |
| Wet Bulb | 4572616 | 63748 | 71.5 | 3.620 | 891 | | | 81.8 | 42.4 | | | 90 |
| Dew Point | 4014623 | 59619 | 66.9 | 5.339 | 891 | | .1 | 53.5 | 8.1 | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70, 73-81 (YEARS) JUN (MONTH)

 1200-1800 (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 |
| 108/107 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 106/105 | | | | | | | | | | | | | | .1 | .2 | .1 | .1 | 5 | 5 | | |
| 104/103 | | | | | | | | | | | | | | .2 | .2 | .1 | | 5 | 5 | | |
| 102/101 | | | | | | | | | | | | .2 | .1 | .6 | | | | 8 | 8 | | |
| 100/ 99 | | | | | | | | | | .2 | .2 | .4 | .6 | .3 | | .2 | | 18 | 18 | | |
| 98/ 97 | | | | | | | | | .2 | .3 | .2 | .8 | .1 | .3 | | | | 18 | 18 | | |
| 96/ 95 | | | | | | | | .1 | .2 | .8 | 1.3 | 1.3 | .9 | .3 | | | | 45 | 45 | | |
| 94/ 93 | | | | | | | | .4 | .8 | 2.2 | 3.7 | 1.0 | .3 | .1 | | | | 77 | 77 | | |
| 92/ 91 | | | | | | .2 | .4 | 1.2 | 2.0 | 3.8 | 2.4 | .9 | .4 | | | | | 103 | 103 | | |
| 90/ 89 | | | | | | .1 | 1.1 | 3.6 | 6.0 | 2.8 | 1.0 | .6 | | | | | | 136 | 136 | | |
| 88/ 87 | | | | | .2 | 1.6 | 3.3 | 3.7 | 1.8 | 1.6 | .7 | .4 | .2 | .3 | .1 | | | 125 | 125 | | |
| 86/ 85 | | | | | .8 | 2.9 | 2.2 | 3.2 | 1.7 | .9 | .8 | .2 | | | | | | 114 | 114 | | |
| 84/ 83 | | | .1 | .3 | 1.7 | 3.6 | 2.3 | 1.2 | .6 | .2 | .1 | .2 | .1 | | | | | 94 | 94 | 1 | |
| 82/ 81 | | | .1 | .4 | 1.3 | 1.1 | 1.0 | .3 | .7 | .1 | .2 | .1 | | | | | | 49 | 49 | 8 | |
| 80/ 79 | | | .3 | .9 | .3 | .8 | .2 | .3 | .1 | | .1 | .1 | | | | | | 29 | 29 | 28 | 2 |
| 78/ 77 | | | .3 | .6 | .7 | .7 | .2 | .2 | .1 | | .1 | | | | | | | 26 | 26 | 95 | 3 |
| 76/ 75 | .1 | .2 | .7 | .4 | .7 | | | .2 | | | | | | | | | | 21 | 21 | 194 | 26 |
| 74/ 73 | | .2 | .4 | | | .1 | .1 | | | | | | | | | | | 8 | 8 | 263 | 56 |
| 72/ 71 | | .3 | .1 | .4 | .3 | | | | | | | | | | | | | 11 | 11 | 138 | 102 |
| 70/ 69 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 82 | 124 |
| 68/ 67 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 40 | 170 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 24 | 139 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 12 | 92 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 11 | 61 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 4 | 31 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 40 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 15 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 12 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 9 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 4 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 6 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 4 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 3 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (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 |
| TOTAL | .1 | 1.2 | 2.3 | 3.1 | 6.0 | 11.0 | 11.0 | 14.6 | 14.1 | 12.9 | 10.9 | 6.3 | 2.8 | 2.3 | .6 | .4 | .3 | 900 | 900 | 900 | 900 |

| 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. | 2474514 | 45418 | 50.5 | 14.249 | 900 | | | | | | | |
| Dry Bulb | 6956723 | 78929 | 87.7 | 6.216 | 900 | | | 90.0 | 88.3 | 81.3 | 17.8 | 90 |
| Wet Bulb | 4825556 | 65818 | 73.1 | 3.686 | 900 | | | 84.9 | 58.9 | 2.0 | | 90 |
| Dew Point | 3957913 | 59849 | 66.1 | 5.876 | 900 | | | 48.3 | 8.7 | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (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 |
| 11 /109 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | |
| 1 /107 | | | | | | | | | | | | | | | .1 | .3 | 1.0 | 13 | 13 | | |
| 1 /105 | | | | | | | | | | | | | | .1 | .6 | .5 | .1 | 11 | 11 | | |
| 104/103 | | | | | | | | | | | | | .1 | .2 | .6 | .7 | .3 | 17 | 17 | | |
| 1 /101 | | | | | | | | | | | .1 | .2 | .2 | .8 | .3 | .6 | | 20 | 20 | | |
| 100/ 99 | | | | | | | | | | .3 | | .2 | .9 | .8 | .3 | .1 | | 24 | 24 | | |
| 98/ 97 | | | | | | | | | | .5 | 1.0 | 1.6 | 1.8 | 1.2 | .9 | .1 | | 63 | 63 | | |
| 96/ 95 | | | | | | | | | .6 | 1.8 | 2.4 | 4.5 | 2.4 | 1.2 | .6 | .1 | | 120 | 120 | | |
| 94/ 93 | | | | | | | | .2 | .6 | 1.2 | 5.0 | 3.0 | 1.0 | .3 | .1 | | | 102 | 102 | | |
| 92/ 91 | | | | | | | .2 | 2.7 | 1.9 | 3.7 | 2.9 | 1.5 | .2 | .7 | .1 | | | 124 | 124 | | |
| 90/ 89 | | | | | | .2 | .8 | 2.1 | 4.2 | 2.1 | 1.5 | .9 | .9 | .5 | .1 | .5 | | 122 | 122 | | |
| 88/ 87 | | | | | | .6 | .8 | 3.4 | 1.7 | .9 | .9 | .5 | | .2 | .1 | | | 60 | 80 | | |
| 86/ 85 | | | | | .2 | 1.5 | 2.6 | 1.7 | .7 | .6 | | .1 | | | | | | 65 | 65 | | |
| 84/ 83 | | | | .1 | .9 | .9 | 1.4 | .9 | .3 | | | .2 | .3 | | | | | 45 | 45 | 1 | |
| 82/ 81 | | | | .5 | .7 | .3 | .1 | .1 | .3 | | | | | | | | | 18 | 18 | 5 | |
| 80/ 79 | | | | .5 | .5 | .5 | | .3 | .3 | .2 | | | | | | | | 20 | 20 | 29 | |
| 78/ 77 | | .1 | .1 | .3 | .1 | .2 | .1 | | .1 | | | | | | | | | 10 | 10 | 98 | |
| 76/ 75 | | | .7 | .3 | .1 | | .2 | | | | | | | | | | | 12 | 12 | 171 | 10 |
| 74/ 73 | | .1 | .2 | .1 | .2 | | | | | | | | | | | | | 6 | 6 | 267 | 40 |
| 72/ 71 | | .3 | .2 | .1 | | | | | | | | | | | | | | 6 | 6 | 149 | 75 |
| 70/ 69 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 76 | 88 |
| 68/ 67 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 37 | 131 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 30 | 146 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 10 | 111 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 10 | 74 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 3 | 68 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 47 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 30 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 20 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 7 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 11 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 12 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 5 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 4 |

| 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 | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (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 |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | | 4 |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | .9 | 1.5 | 1.9 | 2.7 | 4.2 | 6.2 | 11.5 | 10.7 | 11.4 | 13.8 | 12.8 | 7.9 | 6.1 | 3.8 | 2.8 | 1.8 | | 886 | | 886 |
| | | | | | | | | | | | | | | | | | | 886 | | 886 | |

| 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. | 1818483 | 38037 | 42.9 | 14.478 | 886 | | | | | | | |
| Dry Bulb | 7399074 | 80746 | 91.1 | 6.744 | 886 | | | 90.0 | 88.9 | 85.4 | 37.9 | 90 |
| Wet Bulb | 4746096 | 64768 | 73.1 | 3.597 | 886 | | | 84.6 | 58.0 | 1.6 | | 90 |
| Dew Point | 3679820 | 56810 | 64.1 | 6.482 | 886 | | | 34.9 | 5.1 | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (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 |
| 11 /109 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 1 /107 | | | | | | | | | | | | | | | | | .4 | 3 | 3 | | |
| 1 /105 | | | | | | | | | | | | | | | | .5 | .7 | 10 | 10 | | |
| 104/103 | | | | | | | | | | | | | | | .2 | .2 | .2 | 6 | 6 | | |
| 1 2/101 | | | | | | | | | | | | .2 | | .5 | 1.1 | .2 | .1 | 18 | 18 | | |
| 1 0/ 99 | | | | | | | | | | | .1 | .2 | | .7 | .4 | .4 | | 15 | 15 | | |
| 8/ 97 | | | | | | | | | | .1 | .5 | .2 | 1.0 | 1.0 | .5 | .1 | | 28 | 28 | | |
| 96/ 95 | | | | | | | | | .1 | .2 | .7 | 1.5 | 2.4 | .9 | | | | 48 | 48 | | |
| 94/ 93 | | | | | | | | | .2 | .6 | 2.9 | 2.9 | 1.3 | .1 | | | | 67 | 67 | | |
| 92/ 91 | | | | | | | .1 | .6 | 1.2 | 2.1 | 3.7 | 1.7 | .2 | .2 | | | | 81 | 81 | | |
| 90/ 89 | | | | | | | .1 | 1.5 | 4.7 | 3.7 | 2.1 | 1.0 | .1 | .5 | | .1 | | 112 | 112 | | |
| 88/ 87 | | | | | | .5 | 1.1 | 2.8 | 2.4 | 2.0 | 1.7 | .1 | .6 | .1 | .2 | | | 95 | 95 | | |
| 86/ 85 | | | | | .2 | 1.0 | 1.7 | 2.6 | 2.8 | .7 | .4 | .1 | .4 | | .1 | | | 82 | 82 | | |
| 84/ 83 | | | | .2 | .9 | 1.6 | 2.0 | 1.8 | 1.8 | .4 | .2 | .1 | .2 | | | | | 76 | 76 | | |
| 82/ 81 | | | .2 | .4 | 1.1 | .7 | 1.0 | .9 | .4 | | | .4 | | | | | | 41 | 41 | | |
| 80/ 79 | | | .2 | .6 | 2.0 | 1.3 | .7 | .5 | .2 | .2 | .1 | | | | | | | 49 | 49 | 7 | |
| 78/ 77 | | | 1.0 | .9 | .6 | .4 | .4 | .5 | | | .1 | | | | | | | 31 | 31 | 35 | |
| 76/ 75 | | | .7 | .5 | .4 | .4 | .1 | .1 | | .1 | | | | | | | | 19 | 19 | 99 | 7 |
| 74/ 73 | .1 | .4 | 1.0 | .5 | .1 | | .1 | | | | | | | | | | | 18 | 18 | 230 | 21 |
| 72/ 71 | | | .6 | .2 | .1 | | | | | | | | | | | | | 8 | 8 | 199 | 42 |
| 70/ 69 | | .1 | .4 | | .1 | | | | | | | | | | | | | 5 | 5 | 120 | 92 |
| 68/ 67 | | .4 | .1 | | | | | | | | | | | | | | | 4 | 4 | 60 | 105 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 29 | 97 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 21 | 116 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 8 | 121 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 7 | 69 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 2 | 55 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 38 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 16 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 4 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 8 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 8 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 5 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 5 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (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 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 4 |
| 3c/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 3c/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .1 | .9 | 4.3 | 3.3 | 5.5 | 5.9 | 7.3 | 11.3 | 14.0 | 10.2 | 12.6 | 8.6 | 6.4 | 4.0 | 2.6 | 1.6 | 1.6 | | 817 | | 817 |
| | | | | | | | | | | | | | | | | | | 817 | | 817 | |

| 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. | 1985399 | 38055 | 46.6 | 16.150 | 817 | | | | | | | |
| Dry Bulb | 6337308 | 71714 | 87.8 | 7.213 | 817 | | | 90.0 | 88.1 | 78.4 | 21.6 | 90 |
| Wet Bulb | 4202204 | 58524 | 71.6 | 3.495 | 817 | | | 82.6 | 40.9 | .4 | | 90 |
| Dew Point | 3300279 | 51679 | 63.3 | 6.198 | 817 | | | 29.4 | 3.1 | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 70,73-81 YEARS | JUN 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 |
| 100/ 99 | | | | | | | | | | | | | | .3 | | | | 2 | 2 | | |
| 98/ 97 | | | | | | | | | | | | | .1 | .5 | .3 | | | 7 | 7 | | |
| 96/ 95 | | | | | | | | | | .1 | | | .8 | .5 | .4 | | | 14 | 14 | | |
| 94/ 93 | | | | | | | | | | | | 1.2 | .4 | .1 | .1 | | | 14 | 14 | | |
| 92/ 91 | | | | | | | | .1 | .1 | .3 | .7 | .8 | | .3 | | | | 17 | 17 | | |
| 90/ 89 | | | | | | | .1 | .3 | .5 | 1.7 | .7 | .5 | | | | | | 29 | 29 | | |
| 88/ 87 | | | | | | .1 | .7 | 1.6 | 2.2 | 1.7 | .5 | | | | | | | 52 | 52 | | |
| 86/ 85 | | | | | .5 | 1.2 | 2.1 | 2.8 | 3.0 | .7 | .4 | | | | | | | 81 | 81 | | |
| 84/ 83 | | | | .4 | .9 | 2.2 | 2.1 | 4.2 | 1.0 | | | | | | | | | 83 | 83 | | |
| 82/ 81 | | | .1 | .7 | 2.1 | 3.3 | 3.1 | 1.7 | .7 | | .1 | .1 | | | | | | 91 | 91 | | |
| 80/ 79 | | .1 | .5 | .8 | 2.6 | 3.5 | 2.5 | 1.3 | | .3 | .3 | .1 | | | | | | 92 | 92 | 1 | |
| 78/ 77 | | .3 | 1.7 | 2.6 | 3.0 | 2.2 | 1.0 | .1 | | .1 | .1 | | | | | | | 86 | 86 | 22 | |
| 76/ 75 | | .5 | 1.2 | 2.1 | 2.8 | .7 | .9 | .4 | .1 | | | | | | | | | 66 | 66 | 38 | 14 |
| 74/ 73 | .3 | 1.6 | 1.3 | .8 | .8 | .8 | .4 | | .1 | .1 | | | | | | | | 47 | 47 | 131 | 24 |
| 72/ 71 | .1 | .7 | .9 | .8 | .8 | .5 | | .1 | .1 | | | | | | | | | 31 | 31 | 186 | 54 |
| 70/ 69 | .4 | .8 | .7 | 1.0 | .5 | .3 | .1 | | .3 | | | | | | | | | 31 | 31 | 172 | 90 |
| 68/ 67 | .1 | .4 | .8 | .4 | .1 | | | | | | | | | | | | | 14 | 14 | 98 | 103 |
| 66/ 65 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 53 | 96 |
| 64/ 63 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | 26 | 118 |
| 62/ 61 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 20 | 95 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 8 | 72 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 4 | 42 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 3 | 20 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 9 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 7 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 5 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 4 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .9 | 4.6 | 7.6 | 9.6 | 14.2 | 14.8 | 13.1 | 12.6 | 8.3 | 5.0 | 2.8 | 2.8 | 1.3 | 1.7 | .8 | | | 762 | 762 | | 762 |
| | | | | | | | | | | | | | | | | | | 762 | | 762 | |

| 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. | 2909312 | 45366 | 59.5 | 16.550 | 762 | | | | | | | |
| Dry Bulb | 5006153 | 61561 | 80.8 | 6.557 | 762 | | | 89.4 | 80.4 | 51.4 | 4.4 | 90 |
| Wet Bulb | 3747626 | 53362 | 70.0 | 3.758 | 762 | | | 76.5 | 22.7 | | | 90 |
| Dew Point | 3174235 | 48991 | 64.3 | 5.671 | 762 | | | 33.7 | 4.5 | | | 90 |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (MONTH)

 ALL (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 | | | | | |
| 110/109 | | | | | | | | | | | | | | | | | .1 | | 4 | 4 | | |
| 108/107 | | | | | | | | | | | | | | | .0 | .0 | .2 | | 18 | 18 | | |
| 106/105 | | | | | | | | | | | | | | .0 | .1 | .1 | .1 | | 26 | 26 | | |
| 104/103 | | | | | | | | | | | | | .0 | .1 | .1 | .1 | .1 | | 28 | 28 | | |
| 102/101 | | | | | | | | | | | .0 | .1 | .0 | .2 | .2 | .1 | .0 | | 46 | 46 | | |
| 100/ 99 | | | | | | | | | | .1 | .0 | .1 | .2 | .3 | .1 | .1 | | | 59 | 59 | | |
| 98/ 97 | | | | | | | | | .0 | .1 | .2 | .4 | .4 | .4 | .2 | .0 | | | 119 | 119 | | |
| 96/ 95 | | | | | | | | .0 | .1 | .4 | .6 | 1.0 | .9 | .4 | .1 | .0 | | | 234 | 234 | | |
| 94/ 93 | | | | | | | | .1 | .2 | .6 | 1.7 | 1.1 | .4 | .1 | .0 | | | | 272 | 272 | | |
| 92/ 91 | | | | | | .0 | .1 | .6 | .7 | 1.5 | 1.4 | .7 | .1 | .2 | .0 | | | | 349 | 349 | | |
| 90/ 89 | | | | | | .0 | .3 | 1.1 | 2.2 | 1.6 | .8 | .4 | .2 | .1 | .0 | .1 | | | 440 | 440 | | |
| 88/ 87 | | | | | .0 | .5 | .9 | 1.9 | 1.5 | .9 | .5 | .2 | .1 | .1 | .1 | | | | 433 | 433 | | |
| 86/ 85 | | | | .0 | .3 | 1.4 | 1.6 | 1.8 | 1.4 | .5 | .2 | .1 | .0 | | .0 | | | | 469 | 469 | | |
| 84/ 83 | | | .0 | .2 | 1.0 | 1.8 | 1.5 | 1.8 | .6 | .2 | .1 | .1 | .1 | | | | | | 479 | 479 | 2 | |
| 82/ 81 | | | .2 | .8 | 2.0 | 1.6 | 1.6 | .6 | .5 | .1 | .1 | .1 | | | | | | | 477 | 477 | 13 | |
| 80/ 79 | | .1 | .8 | 2.0 | 2.3 | 1.8 | .7 | .5 | .1 | .1 | .1 | .0 | | | .1 | | | | 554 | 554 | 70 | 2 |
| 78/ 77 | | .3 | 1.6 | 3.0 | 2.1 | 1.1 | .5 | .2 | .0 | .1 | .0 | | | | | | | | 588 | 588 | 296 | 6 |
| 76/ 75 | .0 | .7 | 2.6 | 2.3 | 1.8 | .6 | .3 | .1 | .0 | .0 | | | | | | | | | 549 | 549 | 718 | 97 |
| 74/ 73 | .1 | 1.5 | 1.9 | 2.2 | .6 | .4 | .1 | .0 | .0 | .0 | | | | | | | | | 451 | 451 | 1509 | 316 |
| 72/ 71 | .4 | 1.2 | 1.6 | 1.1 | .6 | .2 | .0 | .1 | .0 | | | | | | | | | | 333 | 333 | 1349 | 715 |
| 70/ 69 | .2 | .9 | 1.3 | .7 | .2 | .1 | .0 | | .0 | | | | | | | | | | 216 | 216 | 985 | 930 |
| 68/ 67 | .2 | .7 | .8 | .4 | .1 | .0 | .1 | | | | | | | | | | | | 149 | 149 | 659 | 974 |
| 66/ 65 | .0 | .2 | .4 | .1 | .1 | .0 | | | | | | | | | | | | | 48 | 48 | 376 | 959 |
| 64/ 63 | .0 | .1 | .3 | .1 | .0 | .0 | | | | | | | | | | | | | 38 | 38 | 201 | 783 |
| 62/ 61 | .0 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | 23 | 23 | 110 | 559 |
| 60/ 59 | | .1 | .1 | .0 | | | | | | | | | | | | | | | 14 | 14 | 62 | 383 |
| 58/ 57 | | .1 | .0 | .1 | | | | | | | | | | | | | | | 11 | 11 | 39 | 275 |
| 56/ 55 | | .1 | | .0 | | | | | | | | | | | | | | | 5 | 5 | 25 | 150 |
| 54/ 53 | | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 8 | 95 |
| 52/ 51 | | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 9 | 90 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 | 33 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 | 51 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 17 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 14 |

| 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 | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUN (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 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 16 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 4 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 6 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 4 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 1.1 | 6.0 | 11.8 | 13.1 | 11.2 | 9.7 | 7.8 | 8.9 | 7.5 | 6.2 | 5.8 | 4.2 | 2.5 | 1.9 | 1.1 | .7 | .5 | | 6434 | | 6434 |
| | | | | | | | | | | | | | | | | | | 6434 | | 6434 | |

| 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. | 25764761 | 387875 | 60.3 | 19.241 | 6434 | | | | | | | |
| Dry Bulb | 43826765 | 528061 | 82.1 | 8.700 | 6434 | | | 704.2 | 626.1 | 418.1 | 90.2 | 720 |
| Wet Bulb | 32544898 | 456800 | 71.0 | 4.193 | 6434 | | | 626.8 | 291.8 | 4.5 | | 720 |
| Dew Point | 27691830 | 420398 | 65.3 | 5.895 | 6434 | | .6 | 380.2 | 47.1 | | | 720 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUL (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 |
| 96/ 95 | | | | | | | | | | | | | | | .2 | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | .5 | .2 | | | | 4 | 4 | | |
| 92/ 91 | | | | | | | | | | .2 | | 1.1 | .8 | | | | | 13 | 13 | | |
| 90/ 89 | | | | | | | | .2 | .3 | .8 | 1.1 | 1.1 | .2 | | | | | 23 | 23 | | |
| 88/ 87 | | | | | | | .5 | 1.4 | 1.4 | 1.5 | 1.1 | .2 | .3 | | | | | 41 | 41 | | |
| 86/ 85 | | | | | | 1.2 | 2.7 | 2.4 | 1.7 | 1.2 | | .3 | | | | | | 63 | 63 | | |
| 84/ 83 | | | | | 1.4 | 2.4 | 4.4 | 1.7 | 1.2 | .2 | .2 | | | | | | | 75 | 75 | | |
| 82/ 81 | | | | .9 | 3.9 | 3.5 | 3.3 | .6 | .5 | | | | | | | | | 84 | 84 | | |
| 80/ 79 | | | 1.1 | 3.6 | 4.4 | 2.9 | 1.5 | .5 | | | | | | | | | | 92 | 92 | | |
| 78/ 77 | | | 3.0 | 5.3 | 3.2 | 1.5 | .3 | | | | | | | | | | | 88 | 88 | 1 | |
| 76/ 75 | | 1.2 | 4.5 | 3.2 | 2.1 | .8 | | | | | | | | | | | | 78 | 78 | 35 | |
| 74/ 73 | | 3.3 | 4.7 | 1.2 | .5 | | | | | | | | | | | | | 64 | 64 | 187 | 27 |
| 72/ 71 | .2 | 1.8 | .6 | .8 | | | | | | | | | | | | | | 22 | 22 | 195 | 94 |
| 70/ 69 | .5 | .8 | 1.1 | | | | | | | | | | | | | | | 15 | 15 | 158 | 148 |
| 68/ 67 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | 64 | 129 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 22 | 88 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 3 | 69 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 36 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 25 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 25 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 14 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 3 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 3 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .6 | 7.1 | 15.2 | 14.9 | 15.3 | 12.2 | 12.6 | 6.6 | 5.0 | 3.8 | 2.3 | 2.6 | 1.7 | .2 | .2 | | | 665 | 665 | 665 | 665 |

| Element (X) | $\Sigma x^1$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3050253 | 43653 | 65.6 | 16.679 | 665 | | | | | | | |
| Dry Bulb | 4286489 | 53277 | 80.1 | 5.230 | 665 | | | 93.0 | 87.5 | 49.2 | .7 | 93 |
| Wet Bulb | 3372127 | 47329 | 71.2 | 2.346 | 665 | | | 89.5 | 31.2 | | | 93 |
| Dew Point | 2962193 | 44279 | 66.6 | 4.572 | 665 | | | 55.7 | 3.8 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70.75-81 JUL
STATION STATION NAME YEARS 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 |
| 90/ 89 | | | | | | | | | | | | .6 | | | | | | 4 | 4 | | |
| 88/ 87 | | | | | | | | | .3 | | .3 | .4 | | | | | | 7 | 7 | | |
| 86/ 85 | | | | | | .3 | .1 | .1 | .4 | .3 | .7 | | | | | | | 14 | 14 | | |
| 84/ 83 | | | | | .7 | .9 | .9 | .9 | .7 | .9 | .1 | | | | | | | 35 | 35 | | |
| 82/ 81 | | | | .4 | 2.0 | 4.1 | 2.7 | .7 | .6 | .4 | .1 | | | | | | | 78 | 78 | | |
| 80/ 79 | | | 1.1 | 2.4 | 4.4 | 4.4 | .6 | .6 | .3 | .1 | | | | | | | | 98 | 98 | | |
| 78/ 77 | | | 4.5 | 7.0 | 5.8 | 1.8 | .4 | .2 | | | | | | | | | | 139 | 139 | | |
| 76/ 75 | | 2.1 | 11.5 | 4.5 | 1.7 | .1 | | | | | | | | | | | | 141 | 141 | 28 | |
| 74/ 73 | .4 | 4.0 | 6.1 | 2.8 | .4 | | | | | | | | | | | | | 97 | 97 | 144 | 33 |
| 72/ 71 | 1.0 | 3.3 | 1.6 | 1.6 | | | | | | | | | | | | | | 52 | 52 | 237 | 135 |
| 70/ 69 | .3 | 1.6 | 1.3 | .1 | | | | | | | | | | | | | | 23 | 23 | 163 | 175 |
| 68/ 67 | .1 | 1.3 | .6 | | | | | | | | | | | | | | | 14 | 14 | 78 | 140 |
| 66/ 65 | .3 | | | | | | | | | | | | | | | | | 2 | 2 | 44 | 82 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 9 | 62 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 1 | 28 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 9 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 10 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 14 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 13 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 1 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.1 | 12.2 | 26.7 | 18.9 | 15.1 | 11.6 | 4.7 | 2.4 | 2.3 | 1.7 | 1.3 | 1.0 | | | | | | 704 | 704 | 704 | 704 |

| 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. | 3994374 | 51996 | 73.9 | 4.803 | 704 | | | | | | | |
| Dry Bulb | 4181518 | 54180 | 77.0 | 4.099 | 704 | | | 92.7 | 81.0 | 24.7 | | 93 |
| Wet Bulb | 3521290 | 49758 | 70.7 | 2.515 | 704 | | | 85.9 | 22.7 | | | 93 |
| Dew Point | 3210623 | 47845 | 67.8 | 4.323 | 704 | | | 63.8 | 4.4 | | | 93 |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC
9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUL (MONTH)

 0600-0800 (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 | | | | |
| 88/ 87 | | | | | | | .1 | | | | | .1 | | | | | | 2 | 2 | | |
| 86/ 85 | | | | | | .3 | .1 | .3 | .2 | | .5 | | | | | | | 13 | 13 | | |
| 84/ 83 | | | | .1 | .5 | .8 | .8 | .3 | .6 | .3 | .1 | | | | | | | 31 | 31 | | |
| 82/ 81 | | | | .3 | 2.6 | 2.2 | 1.0 | .9 | 1.0 | .5 | | | | | | | | 75 | 75 | | |
| 80/ 79 | | | .5 | 4.0 | 4.5 | 3.9 | 1.1 | .2 | .3 | | | | | | | | | 128 | 128 | | |
| 78/ 77 | | | 5.1 | 7.5 | 4.9 | 1.1 | .2 | | | | | | | | | | | 166 | 166 | 2 | |
| 76/ 75 | | 1.4 | 11.9 | 6.8 | 3.3 | .6 | | .1 | | | | | | | | | | 212 | 212 | 21 | |
| 74/ 73 | .2 | 5.0 | 8.4 | 1.9 | .2 | .1 | | | | | | | | | | | | 140 | 140 | 198 | 32 |
| 72/ 71 | .9 | 3.4 | 3.2 | .8 | | .1 | | | | | | | | | | | | 74 | 74 | 314 | 201 |
| 70/ 69 | .3 | 1.0 | 1.0 | | .1 | | | | | | | | | | | | | 22 | 22 | 200 | 232 |
| 68/ 67 | .5 | .8 | .6 | | | | | | | | | | | | | | | 16 | 16 | 91 | 191 |
| 66/ 65 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 45 | 106 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 10 | 47 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 29 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 9 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 12 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 9 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 11 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.0 | 11.7 | 30.6 | 21.5 | 16.1 | 9.1 | 3.4 | 1.9 | 2.2 | .8 | .6 | .1 | | | | | | | 881 | | 881 |
| | | | | | | | | | | | | | | | | | | 881 | | 881 | |

| 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. | 5240057 | 66959 | 76.0 | 3.097 | 881 | | | | | | | |
| Dry Bulb | 5162954 | 67366 | 76.5 | 3.660 | 881 | | | 92.8 | 81.0 | 20.3 | | 93 |
| Wet Bulb | 4423066 | 62388 | 70.8 | 2.398 | 881 | | | 87.2 | 23.3 | | | 93 |
| Dew Point | 4079885 | 59859 | 67.9 | 3.814 | 881 | | | 69.2 | 3.4 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUL (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 |
| 100/ 99 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | .2 | | .1 | | | | | | 3 | 3 | | |
| 96/ 95 | | | | | | | | | | .3 | .1 | .2 | .5 | .1 | | | | 12 | 12 | | |
| 94/ 93 | | | | | | | | | .4 | .7 | .4 | .4 | .3 | | | | | 21 | 21 | | |
| 92/ 91 | | | | | | | | .1 | 1.0 | 1.2 | 1.5 | .4 | .2 | | | | | 41 | 41 | | |
| 90/ 89 | | | | | | | .5 | 3.5 | 2.6 | 1.6 | .5 | .5 | | | | | | 86 | 86 | | |
| 88/ 87 | | | | | | .4 | 2.9 | 3.6 | 1.4 | .7 | .4 | | | | | | | 87 | 87 | | |
| 86/ 85 | | | | | | 4.7 | 3.7 | 2.5 | 1.3 | .4 | .1 | | | | | | | 117 | 117 | | |
| 84/ 83 | | | | .2 | 3.4 | 6.6 | 3.2 | 1.0 | | | | | | | | | | 131 | 131 | | |
| 82/ 81 | | | .1 | 2.2 | 6.1 | 4.1 | 1.3 | .2 | | | | | | | | | | 129 | 129 | | |
| 80/ 79 | | .1 | .5 | 5.8 | 4.5 | 2.0 | | | | | | | | | | | | 118 | 118 | 2 | |
| 78/ 77 | | | 3.3 | 2.9 | 1.9 | .1 | | | | | | | | | | | | 75 | 75 | 29 | |
| 76/ 75 | | .8 | 3.6 | 1.1 | .5 | | | | | | | | | | | | | 55 | 55 | 216 | 4 |
| 74/ 73 | .4 | 1.2 | 1.0 | | | | | | | | | | | | | | | 24 | 24 | 376 | 52 |
| 72/ 71 | .2 | .4 | .2 | | | | | | | | | | | | | | | 8 | 8 | 200 | 256 |
| 70/ 69 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 69 | 218 |
| 68/ 67 | .1 | .3 | .1 | | | | | | | | | | | | | | | 5 | 5 | 21 | 185 |
| 66/ 65 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 93 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 1 | 43 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 31 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 14 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 10 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 8 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .8 | 3.2 | 8.8 | 12.2 | 16.4 | 17.9 | 11.7 | 10.9 | 6.8 | 5.1 | 3.2 | 1.7 | 1.1 | .1 | .1 | | | 916 | 916 | 916 | 916 |

| 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. | 3815443 | 57563 | 62.8 | 18.718 | 916 | | | | | | | |
| Dry Bulb | 6372274 | 76242 | 83.2 | 5.369 | 916 | | | 92.9 | 91.4 | 70.6 | 3.8 | 93 |
| Wet Bulb | 4913150 | 67058 | 73.2 | 2.093 | 916 | | | 92.7 | 63.3 | | | 93 |
| Dew Point | 4308201 | 62735 | 68.5 | 3.562 | 916 | | | 72.6 | 5.7 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 70.73-81 YEARS | JUL MONTH

 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 |
| 110/105 | | | | | | | | | | | | | | | .1 | .1 | .1 | 3 | 3 | | |
| 104/103 | | | | | | | | | | | | .1 | | .1 | .1 | .5 | .1 | 9 | 9 | | |
| 102/101 | | | | | | | | | | | | .2 | .2 | .4 | 1.1 | .4 | | 22 | 22 | | |
| 100/ 99 | | | | | | | | | | | .1 | 1.0 | 1.1 | 2.1 | 1.2 | .1 | | 51 | 51 | | |
| 98/ 97 | | | | | | | | | | | .5 | 1.5 | 2.8 | 1.7 | .5 | .1 | | 67 | 67 | | |
| 96/ 95 | | | | | | | | | | 1.1 | 3.1 | 4.5 | 1.9 | .6 | | | | 105 | 105 | | |
| 94/ 93 | | | | | | | | .2 | 1.5 | 2.4 | 4.7 | 2.5 | .2 | .1 | | | | 107 | 107 | | |
| 92/ 91 | | | | | | | .1 | 1.3 | 3.9 | 5.0 | 1.8 | .9 | | | | | | 120 | 120 | | |
| 90/ 89 | | | | | | | 1.4 | 4.9 | 4.4 | 1.6 | .6 | | | | | | | 120 | 120 | | |
| 88/ 87 | | | | | | .5 | 4.5 | 3.4 | 1.3 | .6 | | | | | | | | 96 | 96 | | |
| 86/ 85 | | | | | .2 | 2.5 | 2.5 | 1.9 | .2 | | | | | | | | | 68 | 68 | | |
| 84/ 83 | | | | | 2.1 | 2.1 | .9 | .1 | | | | | | | | | | 47 | 47 | | |
| 82/ 81 | | | | 1.2 | 2.5 | .9 | .2 | | | | | | | | | | | 44 | 44 | 1 | |
| 80/ 79 | | | .3 | .5 | .2 | .4 | .1 | | | | | | | | | | | 15 | 15 | 9 | |
| 78/ 77 | | .1 | .1 | .8 | .1 | .1 | | | | | | | | | | | | 11 | 11 | 113 | |
| 76/ 75 | | .9 | .3 | .2 | | | | | | | | | | | | | | 13 | 13 | 312 | 7 |
| 74/ 73 | .2 | .3 | .8 | .1 | | | | | | | | | | | | | | 13 | 13 | 321 | 49 |
| 72/ 71 | | .1 | .3 | .1 | | | | | | | | | | | | | | 5 | 5 | 129 | 131 |
| 70/ 69 | .1 | .2 | .2 | | | | | | | | | | | | | | | 5 | 5 | 29 | 182 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 4 | 157 |
| 66/ 65 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 5 | 138 |
| 64/ 63 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 100 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 62 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 53 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 28 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 12 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | .6 | 1.6 | 2.1 | 2.9 | 5.1 | 6.5 | 9.7 | 11.8 | 11.4 | 10.7 | 10.9 | 10.7 | 6.3 | 5.1 | 3.0 | 1.3 | .2 | | 924 | | 924 |
| | | | | | | | | | | | | | | | | | | 924 | | 924 | |

| 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. | 2361765 | 44425 | 48.1 | 15.643 | 924 | | | | | | | |
| Dry Bulb | 7577917 | 83455 | 90.3 | 6.610 | 924 | | | 92.7 | 91.7 | 87.2 | 36.6 | 93 |
| Wet Bulb | 5096118 | 68592 | 74.2 | 2.152 | 924 | | | 92.4 | 76.1 | .5 | | 93 |
| Dew Point | 4129373 | 61639 | 66.7 | 4.355 | 924 | | | 52.9 | 5.6 | | | 93 |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 70,73-81 YEARS | JUL 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 |
| 110/105 | | | | | | | | | | | | | | | .2 | .8 | 1.2 | 20 | 20 | | |
| 104/103 | | | | | | | | | | | | | | .1 | .7 | 1.4 | 1.0 | 29 | 29 | | |
| 102/101 | | | | | | | | | | | | | .2 | .9 | 3.9 | 1.8 | .8 | 69 | 69 | | |
| 100/ 99 | | | | | | | | | | | | .1 | 2.2 | 6.9 | 3.2 | .5 | .2 | 120 | 120 | | |
| 98/ 97 | | | | | | | | | | | .4 | 1.6 | 4.9 | 1.9 | 1.0 | .1 | | 91 | 91 | | |
| 96/ 95 | | | | | | | | | | 1.6 | 4.4 | 4.7 | 4.2 | 1.4 | .1 | | | 150 | 150 | | |
| 94/ 93 | | | | | | | | .1 | 1.0 | 2.4 | 4.2 | 1.6 | .7 | | | | | 91 | 91 | | |
| 92/ 91 | | | | | | | | .4 | 2.3 | 3.9 | 1.9 | .4 | .1 | | | | | 83 | 83 | | |
| 90/ 89 | | | | | | | .2 | 3.3 | 3.5 | 1.8 | .3 | .1 | | | | | | 84 | 84 | | |
| 88/ 87 | | | | | .1 | .4 | 1.1 | 2.4 | 1.0 | .1 | | | | | | | | 47 | 47 | | |
| 86/ 85 | | | | | | 1.6 | 2.0 | .5 | .1 | | | | | | | | | 39 | 39 | | |
| 84/ 83 | | | | .1 | .7 | .5 | .1 | .2 | | | | | | | | | | 15 | 15 | | |
| 82/ 81 | | | | .4 | .4 | .4 | .4 | | | | | | | | | | | 16 | 16 | | |
| 80/ 79 | | | .1 | .9 | .5 | | | | | | | | | | | | | 14 | 14 | 3 | |
| 78/ 77 | | | .5 | .3 | .2 | | | | | | | | | | | | | 10 | 10 | 62 | |
| 76/ 75 | | .8 | .5 | .2 | | | | | | | | | | | | | | 14 | 14 | 290 | 5 |
| 74/ 73 | | .2 | .7 | .1 | | | | | | | | | | | | | | 9 | 9 | 362 | 28 |
| 72/ 71 | | .4 | .1 | .1 | | | | | | | | | | | | | | 6 | 6 | 139 | 46 |
| 70/ 69 | .1 | .1 | .1 | | | | | | | | | | | | | | | 3 | 3 | 48 | 121 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 6 | 137 |
| 66/ 65 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 123 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 122 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 117 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 86 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 68 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 35 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 12 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 7 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 2 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .3 | 1.5 | 2.1 | 2.2 | 2.0 | 3.1 | 3.8 | 7.0 | 7.9 | 9.9 | 11.2 | 8.7 | 12.3 | 11.2 | 9.1 | 4.6 | 3.2 | 912 | 912 | 912 | 912 |

| 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. | 1747531 | 37091 | 40.7 | 16.199 | 912 | | | | | | | |
| Dry Bulb | 8015055 | 85253 | 93.5 | 7.081 | 912 | | | 92.8 | 91.9 | 87.7 | 58.1 | 93 |
| Wet Bulb | 4975002 | 67334 | 73.8 | 2.003 | 912 | | | 92.8 | 73.1 | | | 93 |
| Dew Point | 3787417 | 58593 | 64.2 | 5.026 | 912 | | | 34.4 | 3.8 | | | 93 |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) JUL (MONTH)

 1800-2000 (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 | | | | |
| 106/105 | | | | | | | | | | | | | | | | .1 | .3 | 4 | 4 | | |
| 104/103 | | | | | | | | | | | | | | .1 | | .8 | .7 | 14 | 14 | | |
| 102/101 | | | | | | | | | | | | | | .1 | 1.6 | 1.3 | .6 | 31 | 31 | | |
| 100/ 99 | | | | | | | | | | | | | .3 | 2.2 | 3.4 | .6 | .1 | 57 | 57 | | |
| 98/ 97 | | | | | | | | | | | | .1 | 2.2 | 3.6 | 2.1 | .7 | | 75 | 75 | | |
| 96/ 95 | | | | | | | | | | | 1.2 | 3.3 | 5.1 | 2.0 | .3 | | | 102 | 102 | | |
| 94/ 93 | | | | | .1 | | | | .2 | .8 | 3.6 | 4.3 | 2.0 | .5 | .1 | | | 100 | 100 | | |
| 92/ 91 | | | | | | | | | .8 | 3.1 | 3.0 | 1.9 | .7 | .1 | | | | 83 | 83 | | |
| 90/ 89 | | | | | | | | 1.4 | 2.9 | 3.8 | 2.1 | .1 | .2 | | | | | 91 | 91 | | |
| 88/ 87 | | | | | | | 1.5 | 2.4 | 2.1 | .9 | .1 | .3 | .1 | | | | | 65 | 65 | | |
| 86/ 85 | | | | | .3 | 1.6 | 1.6 | 2.7 | 1.0 | .2 | | | | | | | | 65 | 65 | 1 | |
| 84/ 83 | | | | .1 | .2 | 1.9 | 1.7 | .9 | | | | .1 | | | | | | 43 | 43 | | |
| 82/ 81 | | | | .5 | 1.6 | 1.2 | .6 | | | | | | | | | | | 33 | 33 | | 1 |
| 80/ 79 | | | .1 | 1.2 | .9 | .6 | .2 | | | | | | | | | | | 26 | 26 | | |
| 78/ 77 | | .2 | .6 | .8 | .7 | .1 | | | | | | | | | | | | 21 | 21 | 10 | |
| 76/ 75 | | 1.0 | .8 | .2 | .1 | | | | | | | | | | | | | 19 | 19 | 110 | 5 |
| 74/ 73 | | .9 | .8 | .5 | | | | | | | | | | | | | | 19 | 19 | 320 | 21 |
| 72/ 71 | .1 | .3 | | .3 | | | | | | | | | | | | | | 7 | 7 | 273 | 47 |
| 70/ 69 | .1 | .3 | | | | | | | | | | | | | | | | 4 | 4 | 115 | 80 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 24 | 117 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 5 | 94 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 114 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 1 | 106 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 102 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 77 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 52 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 21 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 10 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 7 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | .2 | 2.9 | 2.3 | 3.6 | 4.1 | 5.4 | 5.7 | 7.5 | 7.1 | 9.0 | 10.0 | 10.1 | 10.7 | 8.6 | 7.6 | 3.5 | 1.7 | 859 | 859 | 859 | 859 |

| 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. | 1927498 | 37582 | 43.8 | 18.170 | 859 | | | | | | | |
| Dry Bulb | 7062991 | 77635 | 90.4 | 7.359 | 859 | | | 93.0 | 91.8 | 83.9 | 41.5 | 93 |
| Wet Bulb | 4507668 | 62200 | 72.4 | 2.099 | 859 | | | 92.4 | 47.7 | .1 | | 93 |
| Dew Point | 3463803 | 54347 | 63.3 | 5.440 | 859 | | | 29.3 | 2.9 | .1 | | 93 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72261S STATION | LAUGHLIN AFB TX STATION NAME | 70,73-81 YEARS | JUL MONTH

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

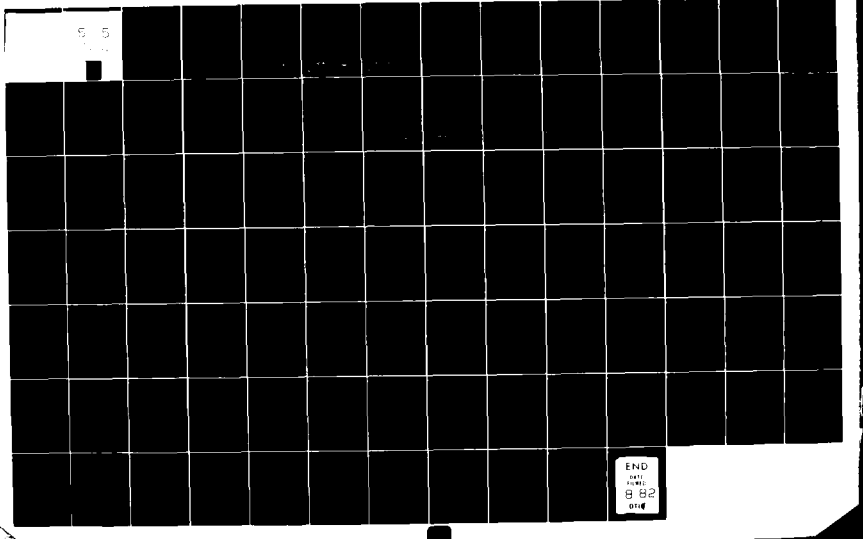
| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 100/ 99 | | | | | | | | | | | | | | | .1 | .2 | | 3 | 3 | | |
| 98/ 97 | | | | | | | | | | | | | | .4 | .5 | | | 7 | 7 | | |
| 96/ 95 | | | | | | | | | | | | .1 | .7 | 1.0 | .4 | .1 | | 19 | 19 | | |
| 94/ 93 | | | | | | | | | | | .4 | 1.6 | 1.6 | 1.0 | | .1 | | 38 | 38 | | |
| 92/ 91 | | | | | | | | | .1 | .6 | 3.1 | 2.4 | .7 | .2 | | | | 58 | 58 | | |
| 90/ 89 | | | | | | | | .4 | 1.0 | 4.0 | 2.7 | 1.5 | .2 | .4 | | | | 82 | 82 | | |
| 88/ 87 | | | | | | | .1 | 2.4 | 3.0 | 3.1 | 1.2 | .5 | .1 | | | | | 84 | 84 | | |
| 86/ 85 | | | | | | .4 | 1.7 | 3.7 | 3.4 | 1.9 | .9 | .1 | | | | | | 97 | 97 | | |
| 84/ 83 | | | | | 1.0 | 1.6 | 3.0 | 3.7 | 1.5 | .4 | | | | | | | | 90 | 90 | | |
| 82/ 81 | | | | .7 | 2.4 | 3.4 | 3.0 | .7 | .4 | .1 | | | | | | | | 86 | 86 | | |
| 80/ 79 | | | .4 | 2.0 | 3.6 | 2.1 | 1.0 | .1 | | | .1 | | | | | | | 75 | 75 | | |
| 78/ 77 | | .2 | .9 | 4.0 | 1.5 | .4 | .1 | | | | | | | | | | | 57 | 57 | | |
| 76/ 75 | | .6 | 3.7 | 1.9 | .6 | | | | | | | | | | | | | 55 | 55 | 36 | 2 |
| 74/ 73 | | 1.2 | 1.7 | 1.0 | | | | | | | | | | | | | | 32 | 32 | 166 | 18 |
| 72/ 71 | | .6 | .5 | .1 | | | | | | | | | | | | | | 10 | 10 | 300 | 56 |
| 70/ 69 | .2 | .9 | .4 | | | | | | | | | | | | | | | 12 | 12 | 201 | 121 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 78 | 118 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 20 | 106 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 3 | 98 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 1 | 107 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 53 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 52 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 33 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 23 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 7 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 5 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .2 | 3.6 | 7.6 | 9.7 | 9.1 | 7.8 | 8.9 | 11.1 | 9.3 | 10.1 | 8.4 | 6.2 | 3.5 | 3.0 | 1.0 | .5 | | 805 | | 805 | |
| | | | | | | | | | | | | | | | | | | 805 | | 805 | |

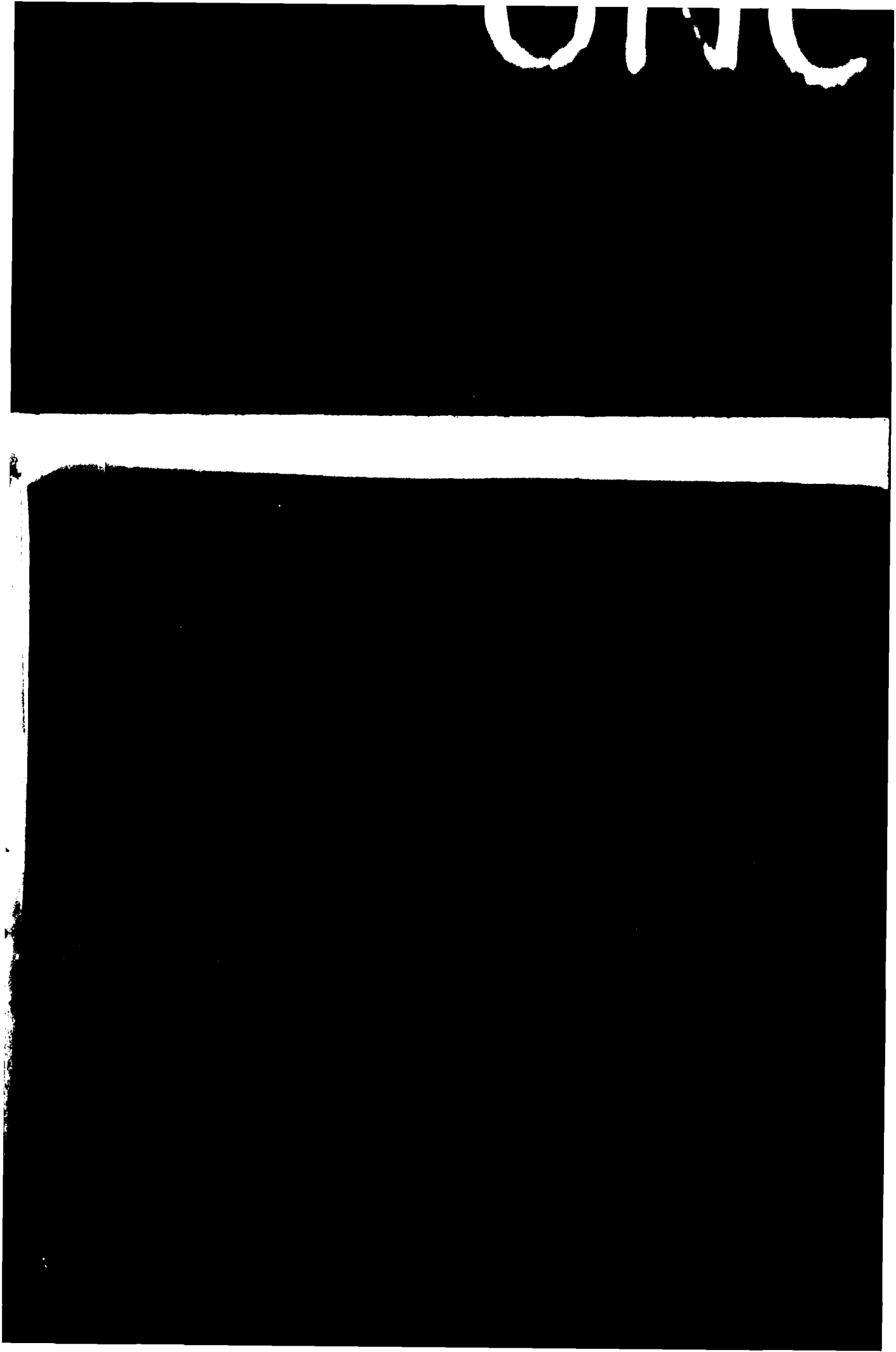
| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2678644 | 43942 | 54.6 | 18.662 | 805 | | | | | | | |
| Dry Bulb | 5705875 | 67591 | 84.0 | 6.176 | 805 | | | 93.0 | 90.5 | 69.7 | 7.7 | 93 |
| Wet Bulb | 4063684 | 57168 | 71.0 | 2.183 | 805 | | | 90.2 | 23.3 | | | 93 |
| Dew Point | 3342235 | 51689 | 64.2 | 5.382 | 805 | | | 36.4 | 2.3 | | | 93 |

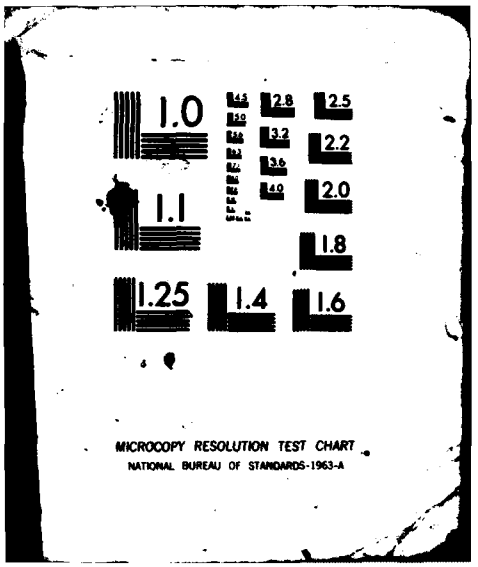
USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A116 094 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(U)
APR 82

UNCLASSIFIED USAFETAC/DS-82/026 SBI-AD-E850 173 NL






1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) ALL (MONTH)



ALL (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 | | | | | |
| 106/105 | | | | | | | | | | | | | | | .0 | .1 | .2 | 27 | 27 | | | |
| 104/103 | | | | | | | | | | | | .0 | | .0 | .1 | .4 | .2 | 52 | 52 | | | |
| 102/101 | | | | | | | | | | | | .0 | .1 | .2 | .9 | .5 | .2 | 122 | 122 | | | |
| 100/ 99 | | | | | | | | | | | .0 | .2 | .5 | 1.5 | 1.1 | .2 | .0 | 232 | 232 | | | |
| 98/ 97 | | | | | | | | | | .0 | .1 | .5 | 1.4 | 1.0 | .5 | .1 | | 243 | 243 | | | |
| 96/ 95 | | | | | | | | | | .4 | 1.2 | 1.7 | 1.7 | .7 | .1 | .0 | | 389 | 389 | | | |
| 94/ 93 | | | | | .0 | | | .0 | .4 | .9 | 1.8 | 1.4 | .7 | .2 | .0 | .0 | | 361 | 361 | | | |
| 92/ 91 | | | | | | | .0 | .3 | 1.1 | 1.9 | 1.5 | .9 | .3 | .0 | | | | 398 | 398 | | | |
| 90/ 89 | | | | | | | .3 | 1.8 | 2.0 | 1.7 | .9 | .5 | .1 | .0 | | | | 490 | 490 | | | |
| 88/ 87 | | | | | .0 | .2 | 1.5 | 2.0 | 1.3 | .8 | .4 | .2 | .1 | | | | | 429 | 429 | | | |
| 86/ 85 | | | | | .1 | 1.7 | 1.8 | 1.8 | 1.0 | .5 | .3 | .0 | | | | | | 476 | 476 | 1 | | |
| 84/ 83 | | | | .1 | 1.3 | 2.1 | 1.8 | 1.1 | .5 | .2 | .0 | .0 | | | | | | 467 | 467 | | | |
| 82/ 81 | | | .0 | .9 | 2.7 | 2.4 | 1.5 | .4 | .3 | .1 | .0 | | | | | | | 545 | 545 | 1 | 1 | |
| 80/ 79 | | .0 | .5 | 2.5 | 2.8 | 1.9 | .5 | .2 | .1 | .0 | .0 | | | | | | | 566 | 566 | 14 | | |
| 78/ 77 | | .1 | 2.2 | 3.4 | 2.1 | .6 | .1 | .0 | | | | | | | | | | 567 | 567 | 217 | | |
| 76/ 75 | | 1.1 | 4.4 | 2.2 | 1.0 | .2 | | .0 | | | | | | | | | | 587 | 587 | 1048 | 23 | |
| 74/ 73 | .2 | 1.9 | 2.9 | .9 | .1 | .0 | | | | | | | | | | | | 398 | 398 | 2074 | 260 | |
| 72/ 71 | .3 | 1.2 | .8 | .4 | | .0 | | | | | | | | | | | | 184 | 184 | 1787 | 966 | |
| 70/ 69 | .2 | .6 | .5 | .0 | .0 | | | | | | | | | | | | | 86 | 86 | 983 | 1277 | |
| 68/ 67 | .1 | .3 | .2 | | | | | | | | | | | | | | | 37 | 37 | 366 | 1174 | |
| 66/ 65 | .1 | .0 | | | | | | | | | | | | | | | | 9 | 9 | 145 | 830 | |
| 64/ 63 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 27 | 655 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 3 | 516 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 351 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 282 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 177 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 90 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 30 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 18 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 12 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 4 | |
| TOTAL | .9 | 5.2 | 11.4 | 10.3 | 10.1 | 9.1 | 7.5 | 7.6 | 6.6 | 6.6 | 6.2 | 5.3 | 4.7 | 3.7 | 2.8 | 1.3 | .7 | | 6666 | | 6666 | |
| | | | | | | | | | | | | | | | | | | 6666 | | 6666 | | |

| 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 | ≥ 95 F | Total |
| Rel. Hum. | 28815565 | 383211 | 57.5 | 20.888 | 6666 | | | | | | | |
| Dry Bulb | 88365073 | 566999 | 85.1 | 8.857 | 6666 | | | 782.9 | 708.6 | 805.6 | 159.2 | 744 |
| Wet Bulb | 38872105 | 481827 | 72.3 | 2.589 | 6666 | | | 724.8 | 378.5 | .7 | | 744 |
| Dew Point | 29283730 | 440586 | 66.1 | 8.952 | 6666 | | | 813.1 | 31.7 | .1 | | 744 |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70-73-81 (YEARS) AUG (MONTH)

 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92/ 91 | | | | | | | | .1 | | | .1 | | | | | | | 2 | 2 | | |
| 90/ 89 | | | | | | | | | .1 | .1 | | | | | | | | 2 | 2 | | |
| 88/ 87 | | | | | | | | .6 | .4 | .3 | .1 | | | | | | | 10 | 10 | | |
| 86/ 85 | | | | | | .7 | 1.6 | 3.0 | 1.0 | .6 | .1 | | | | | | | 48 | 48 | | |
| 84/ 83 | | | | | .7 | 3.4 | 5.7 | 3.9 | .3 | .4 | | | | | | | | 97 | 97 | | |
| 82/ 81 | | | .1 | .6 | 3.3 | 8.1 | 5.5 | 1.0 | | | | | | | | | | 125 | 125 | | |
| 80/ 79 | | | .9 | 2.1 | 6.7 | 6.3 | 1.8 | .4 | | | | | | | | | | 122 | 122 | | |
| 78/ 77 | | .1 | 1.2 | 3.6 | 5.7 | 3.1 | 1.5 | | | | | | | | | | | 102 | 102 | 2 | |
| 76/ 75 | | .3 | 3.7 | 4.6 | 3.9 | 1.0 | .1 | | | | | | | | | | | 92 | 92 | 31 | 4 |
| 74/ 73 | | .8 | 2.8 | 2.8 | .6 | .7 | | | | | | | | | | | | 47 | 47 | 124 | 17 |
| 72/ 71 | | .3 | 1.6 | .6 | | | | | | | | | | | | | | 17 | 17 | 236 | 38 |
| 70/ 69 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 169 | 121 |
| 68/ 67 | | .3 | .1 | | | | | | | | | | | | | | | 3 | 3 | 87 | 165 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 18 | 172 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 4 | 79 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 80 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 19 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 11 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | 1.6 | 10.3 | 18.3 | 20.9 | 23.5 | 16.3 | 8.1 | 1.9 | 1.5 | .8 | | | | | | | 669 | 669 | | 669 |
| | | | | | | | | | | | | | | | | | | 669 | | 669 | |

| Element (X) | $\bar{X}_d^2$ | $\bar{X}_d$ | $\bar{X}$ | $\sigma_d$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 92 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2929832 | 3630 | 65.2 | 1.282 | 669 | | | | | | | |
| Dry Bulb | 8280997 | 32203 | 79.5 | 3.842 | 669 | | | 93.0 | 89.9 | 88.7 | | 93 |
| Wet Bulb | 3362830 | 17808 | 70.8 | 2.282 | 669 | | | 88.5 | 22.1 | | | 93 |
| Dew Point | 2958011 | 28878 | 66.5 | 3.111 | 669 | | | 88.0 | 2.8 | | | 93 |

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 STATION — LAUGHLIN AFB TX STATION NAME — 70,73,75-81 YEARS — AUG MONTH

 0100-0500 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 |
| 88/ 87 | | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | | | .3 | .1 | .1 | | | | | | | | | | 4 | 4 | | |
| 84/ 83 | | | | | | .7 | 1.6 | | | | | | | | | | | | 16 | 16 | | |
| 82/ 81 | | | | .4 | 2.0 | 3.1 | 1.1 | .4 | | | | | | | | | | | 50 | 50 | | |
| 80/ 79 | | | | 3.4 | 7.2 | 4.8 | .7 | .4 | | | | | | | | | | | 117 | 117 | | |
| 78/ 77 | | .7 | 2.4 | 8.2 | 10.5 | 2.3 | .1 | .1 | | | | | | | | | | | 172 | 172 | | |
| 76/ 75 | | 1.0 | 6.2 | 8.5 | 5.1 | 1.1 | | | | | | | | | | | | | 155 | 155 | 10 | 1 |
| 74/ 73 | | 2.0 | 6.1 | 6.0 | .6 | .1 | .3 | | | | | | | | | | | | 106 | 106 | 118 | 13 |
| 72/ 71 | | 1.0 | 4.0 | 3.0 | .4 | .1 | | | | | | | | | | | | | 60 | 60 | 233 | 72 |
| 70/ 69 | | .7 | 1.7 | .1 | .1 | .1 | | | | | | | | | | | | | 20 | 20 | 188 | 196 |
| 68/ 67 | | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 118 | 220 |
| 66/ 65 | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 26 | 139 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 10 | 64 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | 30 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 1 | 12 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 5.5 | 20.7 | 29.7 | 26.0 | 12.5 | 4.1 | 1.3 | .1 | | | | | | | | | | 704 | 704 | | 704 |

| Element (X) | $\bar{x}_{dp}$ | $s_{dp}$ | $\bar{x}$ | $s_x$ | No. Obs. | Data No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≥ 85°F | ≥ 90°F | ≥ 95°F | ≥ 100°F | ≥ 105°F | ≥ 110°F | Total |
| Dry Bulb | [illegible] | [illegible] | 73.8 | 9.37A | 704 | | | [illegible] | [illegible] | 14.1 | | 93 |
| Wet Bulb | [illegible] | [illegible] | 70.3 | 2.36[illegible] | 704 | | | [illegible] | [illegible] | [illegible] | | 93 |
| Dew Point | [illegible] | [illegible] | 67.2 | 2.[illegible]7 | 704 | | | [illegible] | [illegible] | [illegible] | | 93 |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70.73-81 AUG
STATION STATION NAME YEARS MONTH

 0600-0800 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 | | | | |
| 88/ 87 | | | | | | | | .1 | .2 | | | | | | | | | 3 | 3 | | |
| 86/ 85 | | | | | | | | .2 | | | | | | | | | | 2 | 2 | | |
| 84/ 83 | | | | | .1 | 1.0 | 1.0 | .1 | | | | | | | | | | 20 | 20 | | |
| 82/ 81 | | | | .2 | 2.5 | 2.8 | .6 | .1 | | | | | | | | | | 55 | 55 | | |
| 80/ 79 | | | .1 | 3.2 | 6.7 | 1.7 | .7 | .1 | | | | | | | | | | 110 | 110 | | |
| 78/ 77 | | .2 | 2.8 | 1.0 | 5.5 | 1.0 | | .1 | | | | | | | | | | 184 | 184 | | |
| 76/ 75 | .1 | 1.1 | 9.2 | 1.0 | 3.8 | .9 | .2 | | | | | | | | | | | 235 | 235 | 14 | 1 |
| 74/ 73 | .1 | 1.0 | 8.0 | 5.7 | .6 | | | | | | | | | | | | | 137 | 137 | 151 | 18 |
| 72/ 71 | .3 | 1.8 | 4.5 | 2.9 | .5 | .5 | | | | | | | | | | | | 93 | 93 | 325 | 98 |
| 70/ 69 | .1 | .8 | 2.7 | .6 | | .2 | | | | | | | | | | | | 39 | 39 | 235 | 263 |
| 68/ 67 | | .1 | .6 | .1 | | | | | | | | | | | | | | 7 | 7 | 107 | 257 |
| 66/ 65 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 38 | 185 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 11 | 56 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 4 | 24 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 14 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 3 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | .7 | 5.2 | 28.1 | 18.8 | 29.6 | 8.1 | 2.5 | .8 | .2 | | | | | | | | | | 887 | | 887 |
| | | | | | | | | | | | | | | | | | | 887 | | 887 | |

| Element (X) | $\bar{X}$ | $S_X$ | $\bar{X}$ | $S_X$ | Obs. Obs. | Obs. No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 90 F | Total |
| Wet Bulb | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | 82.8 | 78.2 | 13.8 | | 93 |
| Wet Bulb | | | | | | | | 87.8 | 12.2 | | | 93 |
| Dew Point | | | | | | | | 96.8 | 3.2 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) AUG (MONTH)

 0900-1100 (HOURS (L, S, Y.))

| 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 | | | | |
| 98/ 97 | | | | | | | | | | | .1 | | .1 | | | | | 2 | 2 | | |
| 96/ 95 | | | | | | | | | | .1 | .1 | .2 | | | | | | 4 | 4 | | |
| 94/ 93 | | | | | | | | | .1 | 1.1 | .2 | | .1 | | | | | 14 | 14 | | |
| 92/ 91 | | | | | | | .2 | .2 | .5 | 1.4 | .2 | .2 | | | | | | 26 | 26 | | |
| 90/ 89 | | | | | | .1 | .5 | 1.9 | 3.5 | .3 | .2 | .1 | | | | | | 62 | 62 | | |
| 88/ 87 | | | | | | .4 | 3.8 | 5.4 | 1.4 | .4 | | | | | | | | 106 | 106 | | |
| 86/ 85 | | | | | .1 | 4.1 | 8.1 | 3.0 | .5 | | | | | | | | | 147 | 147 | | |
| 84/ 83 | | | | .1 | 2.6 | 8.1 | 5.3 | 1.3 | .3 | .1 | | | | | | | | 165 | 165 | | |
| 82/ 81 | | | | 1.1 | 9.0 | 6.1 | 1.8 | .1 | | | | | | | | | | 167 | 167 | | |
| 80/ 79 | | .1 | .4 | 3.8 | 8.2 | 2.4 | .2 | .1 | | | | | | | | | | 141 | 141 | 3 | |
| 78/ 77 | | .1 | .3 | 2.4 | 2.5 | | | | | | | | | | | | | 49 | 49 | 32 | |
| 76/ 75 | .1 | .3 | .9 | 1.2 | .2 | | | | | | | | | | | | | 25 | 25 | 193 | 8 |
| 74/ 73 | | .4 | .4 | .2 | | | | | | | | | | | | | | 10 | 10 | 432 | 42 |
| 72/ 71 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 199 | 137 |
| 70/ 69 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 55 | 309 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 9 | 269 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 1 | 104 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 29 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 16 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 6 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 3 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 1.1 | 2.6 | 8.8 | 22.6 | 21.2 | 20.0 | 12.1 | 6.4 | 3.5 | .9 | .5 | .2 | | | | | 924 | 924 | | 924 |
| | | | | | | | | | | | | | | | | | | 924 | | 924 | |

| Element (E) | $\Sigma E$ | $\Sigma E^2$ | $\bar{X}$ | $s_x$ | No. Obs. | Data No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≥ 99 F | ≥ 98 F | ≥ 97 F | ≥ 73 F | ≥ 99 F | ≥ 93 F | Total |
| Wet Bulb | 3428908 | 12702? | 81.2 | 8.240 | 924 | | | | | | | |
| Dry Bulb | 4058831 | 771085 | 83.9 | 8.240 | 924 | | | 93.0 | 92.9 | 77.7 | 2.0 | 93 |
| Wet Bulb | 3844801 | 677321 | 73.3 | 1.878 | 924 | | | 93.0 | 66.0 | .2 | | 93 |
| Dew Point | 3351870 | 533658 | 68.4 | 8.454 | 924 | | | 93.0 | 1.0 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70,73-81 AUG
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1800 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 | | | | |
| 104/103 | | | | | | | | | | | | | | .1 | | .1 | | 2 | 2 | | |
| 102/101 | | | | | | | | | | | | | .2 | .3 | .2 | | | 7 | 7 | | |
| 100/ 99 | | | | | | | | | | | | .9 | 1.2 | 1.0 | .5 | | | 33 | 33 | | |
| 98/ 97 | | | | | | | | | | | 1.3 | 1.7 | 1.5 | .5 | | .1 | | 88 | 88 | | |
| 96/ 95 | | | | | | | | | | 1.2 | 3.2 | 4.5 | 2.0 | .2 | | | | 104 | 104 | | |
| 94/ 93 | | | | | | | | .2 | 1.7 | 5.5 | 6.8 | 2.6 | .3 | | | | | 150 | 150 | | |
| 92/ 91 | | | | | | | .2 | 1.6 | 4.2 | 8.6 | 2.9 | 1.0 | .3 | | | | | 175 | 175 | | |
| 90/ 89 | | | | | | | 1.0 | 5.6 | 6.2 | 3.9 | 1.0 | .2 | | | | | | 157 | 157 | | |
| 88/ 87 | | | | | | .4 | 1.6 | 3.8 | 4.3 | 1.4 | .5 | | | | | | | 112 | 112 | | |
| 86/ 85 | | | | | .1 | 1.8 | 1.8 | 1.9 | .8 | | | | | | | | | 57 | 57 | | |
| 84/ 83 | | | | | .6 | 1.4 | 1.0 | .2 | | | | | | | | | | 30 | 30 | | |
| 82/ 81 | | | | .2 | .6 | 1.1 | .2 | .1 | | | | | | | | | | 21 | 21 | | |
| 80/ 79 | | | | .2 | 1.0 | .3 | | | | | | | | | | | | 14 | 14 | 9 | |
| 78/ 77 | | | .4 | .8 | .3 | | | | | | | | | | | | | 11 | 11 | 102 | |
| 76/ 75 | .2 | | .2 | | | | | | | | | | | | | | | 4 | 4 | 281 | 5 |
| 74/ 73 | | .1 | .2 | .2 | | | | | | | | | | | | | | 5 | 5 | 348 | 29 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 151 | 65 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 31 | 167 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 8 | 205 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 210 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 123 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 68 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 28 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 16 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 13 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .2 | .1 | .9 | 1.1 | 2.7 | 5.1 | 5.8 | 12.5 | 16.9 | 19.6 | 15.7 | 10.9 | 5.6 | 2.2 | .8 | .2 | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≥ 60 F | ≥ 65 F | ≥ 67 F | ≥ 70 F | ≥ 80 F | ≥ 90 F | Total |
| Dry Bulb | 7488382 | 88818 | 95.5 | 5.821 | 930 | | | 93.0 | 93.0 | 90.5 | 38.5 | 93 |
| Wet Bulb | 8109888 | 68908 | 78.1 | 2.081 | 930 | | | 93.0 | 78.0 | | | 93 |
| Dew Point | 8106891 | 61707 | 66.4 | 5.687 | 930 | | | 83.0 | 8.0 | | | 93 |

USAETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) AUG (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 |
| 108/107 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 106/105 | | | | | | | | | | | | | | | .1 | .1 | | 2 | 2 | | |
| 104/103 | | | | | | | | | | | | | | .1 | .3 | .8 | .2 | 13 | 13 | | |
| 102/101 | | | | | | | | | | | | | .5 | 2.1 | 2.2 | .4 | | 48 | 48 | | |
| 100/ 99 | | | | | | | | | | | | .4 | 2.2 | 3.6 | 1.2 | .4 | .3 | 75 | 75 | | |
| 98/ 97 | | | | | | | | | | .1 | .9 | 3.2 | 7.6 | 3.5 | 1.1 | | | 150 | 150 | | |
| 96/ 95 | | | | | | | | | .3 | .8 | 2.9 | 9.3 | 4.8 | 1.7 | | | | 182 | 182 | | |
| 94/ 93 | | | | | | | | .2 | 1.1 | 3.8 | 6.2 | 5.1 | 2.0 | .8 | | | | 172 | 172 | | |
| 92/ 91 | | | | | | | .1 | .4 | .9 | 4.0 | 4.4 | 2.0 | .7 | | | | | 114 | 114 | | |
| 90/ 89 | | | | | | .1 | .1 | .3 | 2.1 | 2.3 | .9 | .4 | | | | | | 57 | 57 | | |
| 88/ 87 | | | | | | .3 | .4 | 2.1 | .4 | .5 | | | | | | | | 35 | 35 | | |
| 86/ 85 | | | | | | .7 | .8 | .3 | | | | | | | | | | 16 | 16 | | |
| 84/ 83 | | | | | | .8 | 1.0 | | | | | | | | | | | 16 | 16 | | |
| 82/ 81 | | | | | .3 | 1.0 | .3 | | | | | | | | | | | 15 | 15 | | |
| 80/ 79 | | | .3 | .1 | | .1 | | | | | | | | | | | | 5 | 5 | 12 | |
| 78/ 77 | | .1 | .1 | .2 | .1 | | | | | | | | | | | | | 5 | 5 | 58 | |
| 76/ 75 | | .2 | .3 | .4 | | | | | | | | | | | | | | 9 | 9 | 206 | 6 |
| 74/ 73 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 388 | 18 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 180 | 18 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 65 | 67 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 8 | 116 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 149 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 180 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 179 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 82 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 53 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 31 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 11 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 3 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | .4 | .8 | .8 | .4 | 2.9 | 2.7 | 3.4 | 4.8 | 11.1 | 15.3 | 20.4 | 7.8 | 1.8 | 4.9 | 1.7 | .7 | | 917 | | 917 |
| | | | | | | | | | | | | | | | | | | 917 | | 917 | |

| Element (X) | $\Sigma_i x_i^1$ | $\Sigma_i x_i^2$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dat. Num. | 16130369 | 38665 | 17.6 | 1.371 | 917 | | | | | | | |
| Dry Bulb | 81303796 | 86920 | 94.0 | 5.079 | 917 | | | 93.0 | 93.0 | 91.1 | 65.2 | 93 |
| Wet Bulb | 8966325 | 47837 | 73.6 | 2.821 | 917 | | | 93.0 | 67.3 | .2 | | 93 |
| Dew Point | 3726130 | 68164 | 63.6 | 8.237 | 917 | | | 28.8 | 3.4 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 STATION — LAUGHLIN AFB TX STATION NAME — 70,73-81 YEARS — AUG MONTH

PAGE 1 — 1800-2000 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 | | | | | |
| 104/103 | | | | | | | | | | | | | | | .2 | | | | 2 | 2 | | |
| 102/101 | | | | | | | | | | | | | | .2 | .8 | .2 | | | 11 | 11 | | |
| 100/ 99 | | | | | | | | | | | | | .6 | 1.5 | .9 | .3 | | | 29 | 29 | | |
| 98/ 97 | | | | | | | | | | | | .6 | 2.7 | 2.9 | .7 | .2 | | | 61 | 61 | | |
| 96/ 95 | | | | | | | | | | .2 | .2 | 4.3 | 5.1 | 1.4 | .3 | | | | 100 | 100 | | |
| 94/ 93 | | | | | | | | | .5 | .5 | 4.5 | 5.8 | 2.7 | .6 | | | | | 125 | 125 | | |
| 92/ 91 | | | | | | | | .2 | .7 | 3.1 | 6.1 | 3.0 | .7 | .1 | | | | | 120 | 120 | | |
| 90/ 89 | | | | | | | .1 | .8 | 2.1 | 5.2 | 4.2 | 1.4 | .2 | | | | | | 121 | 121 | | |
| 88/ 87 | | | | | | .1 | 1.4 | 2.7 | 3.1 | 2.4 | 1.4 | | | | | | | | 96 | 96 | | |
| 86/ 85 | | | | | .1 | .7 | 1.2 | 1.9 | 1.3 | 1.3 | .1 | | | | | | | | 56 | 56 | | |
| 84/ 83 | | | | | .6 | .7 | 1.7 | .5 | .2 | .3 | | | | | | | | | 35 | 35 | | |
| 82/ 81 | | | | .3 | .8 | 2.0 | .9 | .1 | | | | | | | | | | | 36 | 36 | | |
| 80/ 79 | | | .1 | .8 | 1.0 | 1.2 | .2 | .1 | | | | | | | | | | | 30 | 30 | | |
| 78/ 77 | | | .7 | .8 | .5 | .3 | | | | | | | | | | | | | 20 | 20 | 16 | |
| 76/ 75 | | | .5 | .7 | .2 | | | | | | | | | | | | | | 12 | 12 | 85 | 1 |
| 74/ 73 | | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 291 | 8 |
| 72/ 71 | .2 | .1 | | | | | | | | | | | | | | | | | 3 | 3 | 304 | 38 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | 115 | 60 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 44 | 84 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 4 | 123 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | 137 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | 181 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | 112 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 65 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 28 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 13 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 7 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .2 | .1 | 1.3 | 2.8 | 3.4 | 5.0 | 5.6 | 6.3 | 7.9 | 13.2 | 16.5 | 15.1 | 12.0 | 6.8 | 3.0 | .8 | | | 859 | 859 | | 859 |
| | | | | | | | | | | | | | | | | | | | 859 | | 859 | |

| 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 | ≤ 90 F | Total |
| Rel. Hum. | 1698573 | 36351 | 42.3 | 13.668 | 859 | | | | | | | |
| Dry Bulb | 7016868 | 77866 | 90.2 | 5.796 | 859 | | | 93.0 | 92.7 | 87.6 | 35.5 | 93 |
| Wet Bulb | 6878287 | 61997 | 72.2 | 2.079 | 859 | | | 92.6 | 82.8 | | | 93 |
| Dew Point | 3837120 | 54206 | 63.1 | 8.388 | 859 | | | 28.7 | 1.8 | | | 93 |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JAN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70.73-81 (YEARS) AUG (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 |
| 96/ 95 | | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | .4 | .9 | .3 | | | | | | 12 | 12 | | |
| 92/ 91 | | | | | | | | | .1 | .9 | 2.8 | 1.0 | | | | | | | 38 | 38 | | |
| 90/ 89 | | | | | | | | .1 | 1.8 | 1.9 | 3.3 | .4 | | | | | | | 56 | 56 | | |
| 88/ 87 | | | | | | .1 | .3 | 3.7 | 5.2 | 4.7 | 1.0 | .1 | | | | | | | 119 | 119 | | |
| 86/ 85 | | | | | .1 | 1.1 | 2.5 | 7.6 | 4.8 | 1.9 | .4 | | | | | | | | 146 | 146 | | |
| 84/ 83 | | | | .1 | .8 | 1.9 | 4.2 | 4.9 | 2.9 | .5 | | | | | | | | | 121 | 121 | | |
| 82/ 81 | | | | .9 | 1.0 | 3.7 | 4.2 | 1.9 | .9 | .1 | | | | | | | | | 100 | 100 | | |
| 80/ 79 | | | .4 | .5 | 3.3 | 3.3 | 1.5 | .9 | .3 | | | | | | | | | | 80 | 80 | | |
| 78/ 77 | | .1 | .4 | 2.6 | 3.0 | 1.4 | .6 | .1 | | | | | | | | | | | 66 | 66 | 3 | |
| 76/ 75 | | .1 | 1.5 | 2.1 | 1.0 | .3 | | | | | | | | | | | | | 40 | 41 | 41 | 3 |
| 74/ 73 | | .1 | .3 | 1.0 | | | | | | | | | | | | | | | 11 | 11 | 164 | 15 |
| 72/ 71 | .1 | | .1 | .1 | | | | | | | | | | | | | | | 3 | 3 | 281 | 32 |
| 70/ 69 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 204 | 74 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 79 | 142 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 22 | 144 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | 137 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | 119 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | 77 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 29 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 17 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | .1 | .5 | 2.6 | 7.4 | 9.2 | 11.7 | 13.2 | 19.1 | 15.5 | 9.9 | 7.8 | 2.4 | .4 | | | | | | 794 | 795 | 794 | 794 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_d$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2436418 | 42758 | 53.9 | 2.991 | 794 | | | | | | | |
| Dry Bulb | 5585426 | 66538 | 83.7 | 4.557 | 795 | | | 93.0 | 92.5 | 74.9 | 1.5 | 93 |
| Wet Bulb | 4013141 | 56421 | 71.1 | 2.221 | 794 | | | 80.8 | 29.8 | | | 93 |
| Dew Point | 3319118 | 51238 | 64.5 | 3.996 | 794 | | | 31.2 | 2.1 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 70,73-81 (YEARS) AUG (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 |
| 108/107 | | | | | | | | | | | | | | | | | .0 | 1 | 1 | | |
| 106/105 | | | | | | | | | | | | | | | .0 | .0 | | 2 | 2 | | |
| 104/103 | | | | | | | | | | | | | | .0 | .1 | .1 | .0 | 17 | 17 | | |
| 102/101 | | | | | | | | | | | | | .1 | .4 | .4 | .1 | | 66 | 66 | | |
| 100/ 99 | | | | | | | | | | | | .2 | .5 | .8 | .4 | .1 | .0 | 137 | 137 | | |
| 98/ 97 | | | | | | | | | | .0 | .3 | .7 | 1.6 | .9 | .2 | .0 | | 261 | 261 | | |
| 96/ 95 | | | | | | | | | .0 | .3 | .9 | 2.5 | 1.6 | .4 | .0 | | | 391 | 391 | | |
| 94/ 93 | | | | | | | | .1 | .5 | 1.3 | 2.5 | 1.9 | .7 | .2 | | | | 473 | 473 | | |
| 92/ 91 | | | | | | | .1 | .4 | .9 | 2.5 | 2.2 | .9 | .2 | .0 | | | | 475 | 475 | | |
| 90/ 89 | | | | | | .0 | .2 | 1.1 | 2.1 | 1.8 | 1.2 | .3 | .0 | | | | | 455 | 455 | | |
| 88/ 87 | | | | | | .2 | 1.0 | 2.4 | 1.9 | 1.2 | .4 | .0 | | | | | | 482 | 482 | | |
| 86/ 85 | | | | | .1 | 1.2 | 2.1 | 2.2 | 1.0 | .4 | .1 | | | | | | | 476 | 476 | | |
| 84/ 83 | | | | .0 | .7 | 2.3 | 2.6 | 1.3 | .4 | .2 | | | | | | | | 500 | 500 | | |
| 82/ 81 | | | .0 | .5 | 2.5 | 3.3 | 1.7 | .8 | .1 | .0 | | | | | | | | 569 | 569 | | |
| 80/ 79 | | .0 | .3 | 1.7 | 4.1 | 2.3 | .6 | .2 | .0 | | | | | | | | | 619 | 619 | 24 | |
| 78/ 77 | | .2 | 1.0 | 3.5 | 3.2 | .9 | .2 | .0 | | | | | | | | | | 609 | 609 | 213 | |
| 76/ 75 | .1 | .4 | 2.7 | 3.4 | 1.6 | .4 | .0 | | | | | | | | | | | 572 | 573 | 861 | 29 |
| 74/ 73 | .0 | .5 | 2.1 | 1.9 | .2 | .1 | .0 | | | | | | | | | | | 320 | 320 | 2018 | 160 |
| 72/ 71 | .1 | .4 | 1.2 | .8 | .1 | .1 | | | | | | | | | | | | 179 | 179 | 1909 | 498 |
| 70/ 69 | .0 | .2 | .6 | .1 | .0 | .0 | | | | | | | | | | | | 65 | 65 | 1062 | 1207 |
| 68/ 67 | | .1 | .1 | .0 | | | | | | | | | | | | | | 12 | 12 | 460 | 1458 |
| 66/ 65 | | .0 | .0 | | | | | | | | | | | | | | | 3 | 3 | 105 | 1186 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 25 | 805 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 4 | 459 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 1 | 350 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 183 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 102 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 30 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 10 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 5 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .2 | 1.7 | 8.0 | 11.9 | 12.5 | 10.8 | 8.4 | 8.1 | 7.0 | 7.7 | 7.5 | 6.4 | 4.8 | 2.8 | 1.2 | .4 | .1 | | 6685 | | 6684 |
| | | | | | | | | | | | | | | | | | | 6684 | | 6684 | |

| Element (X) | $\Sigma X_i^2$ | $\Sigma X_i$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 88 F | ≥ 93 F | Total |
| Rel. Hum. | 2319644836 | 575828 | 56.2 | 17.576 | 6685 | | | | | | | |
| Dry Bulb | 6835887S | 566161 | 88.7 | 7.832 | 6685 | | | 783.7 | 718.2 | 515.1 | 150.0 | 788 |
| Wet Bulb | 3879012S7 | 481911 | 72.1 | 2.581 | 6684 | | | 728.8 | 386.8 | .4 | | 788 |
| Dew Point | 2916411D7 | 4[illegible] | 65.8 | 8.842 | 6684 | | | 373.1 | 21.8 | | | 788 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 69-70,73-80 YEARS | SEP 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 |
| 88/ 87 | | | | | | | | | .4 | | | | | | | | | 2 | 2 | | |
| 86/ 85 | | | | | | | .4 | .7 | | .2 | | | | | | | | 7 | 7 | | |
| 84/ 83 | | | | | | 1.5 | 1.1 | 1.1 | .7 | | | | | | | | | 24 | 24 | | |
| 82/ 81 | | | | .7 | 2.0 | 2.0 | 2.0 | .9 | .2 | .2 | | | | | | | | 44 | 44 | | |
| 80/ 79 | | | .6 | 1.8 | 3.5 | 3.7 | .9 | 1.7 | .7 | .4 | | | | | | | | 72 | 74 | | |
| 78/ 77 | | | .9 | 5.5 | 8.8 | 2.8 | 1.5 | .7 | .2 | | | | | | | | | 87 | 88 | | |
| 76/ 75 | | | 3.5 | 4.4 | 2.4 | .7 | .9 | .2 | .4 | | | | | | | | | 68 | 68 | 9 | 2 |
| 74/ 73 | .4 | .9 | 4.4 | 4.0 | 1.3 | .6 | .4 | | .4 | | | | | | | | | 67 | 67 | 66 | 8 |
| 72/ 71 | .6 | 1.5 | 4.0 | 1.8 | 1.1 | .7 | .7 | .4 | | | | | | | | | | 59 | 59 | 107 | 32 |
| 70/ 69 | | .2 | 1.8 | .2 | .7 | .4 | .7 | .4 | | | | | | | | | | 24 | 24 | 109 | 90 |
| 68/ 67 | | .4 | 1.1 | .9 | 1.8 | 1.5 | 1.8 | .2 | .4 | | | | | | | | | 44 | 44 | 81 | 88 |
| 66/ 65 | | .2 | | .6 | | .7 | .2 | | | | | | | | | | | 9 | 9 | 36 | 82 |
| 64/ 63 | | .7 | 1.8 | | .4 | .6 | .4 | | | | | | | | | | | 21 | 21 | 29 | 47 |
| 62/ 61 | | .6 | .4 | | .2 | .2 | .2 | .2 | | | | | | | | | | 9 | 9 | 22 | 36 |
| 60/ 59 | | .4 | | .4 | .2 | | | | | | | | | | | | | 5 | 5 | 36 | 27 |
| 58/ 57 | | | | | .4 | | | | | | | | | | | | | 2 | 2 | 17 | 33 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 16 | 22 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 9 | 18 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 3 | 13 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 4 | 9 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 15 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 10 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 5 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 4 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .9 | 4.8 | 18.6 | 20.4 | 28.8 | 24.9 | 21.2 | 6.4 | 3.3 | .7 | | | | | | | | | 547 | | 544 |
| | | | | | | | | | | | | | | | | | | 544 | | 544 | |

| Element (X) | $S_{X'}$ | $S_X$ | $\bar{X}$ | $\sigma_0$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2632811 | 37063 | 68.1 | 18.083 | 588 | | | | | | | |
| Dry Bulb | 3049046 | 40858 | 79.7 | 5.704 | 587 | | | 82.8 | 61.5 | 19.9 | | 90 |
| Wet Bulb | 2477882 | 36592 | 67.3 | 5.518 | 588 | | | 61.5 | 12.8 | | | 90 |
| Dew Point | 2185868 | 38268 | 62.9 | 7.815 | 588 | | | 36.8 | 1.7 | | | 90 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,75-80 (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 |
| 82/ 81 | | | | | .6 | .5 | .2 | | | | | | | | | | | 8 | 8 | | |
| 80/ 79 | | | .2 | 1.1 | 1.6 | 1.7 | .2 | | | | | | | | | | | 30 | 30 | | |
| 78/ 77 | | | 2.7 | 5.5 | 3.4 | 2.0 | .6 | | .2 | | | | | | | | | 92 | 93 | | |
| 76/ 75 | | .3 | 6.7 | 6.1 | 4.9 | 1.3 | | .3 | | | | | | | | | | 125 | 127 | 2 | |
| 74/ 73 | .5 | 1.1 | 9.6 | 5.0 | .2 | .9 | | | .2 | | | | | | | | | 111 | 111 | 60 | 13 |
| 72/ 71 | .2 | 2.7 | 6.9 | 1.7 | .3 | .5 | | .2 | | | | | | | | | | 79 | 79 | 121 | 35 |
| 70/ 69 | | 1.6 | 3.1 | 1.4 | .5 | .2 | .2 | .2 | | | | | | | | | | 45 | 45 | 142 | 140 |
| 68/ 67 | | .5 | 2.5 | .5 | 1.4 | .5 | .2 | | | | | | | | | | | 35 | 35 | 109 | 102 |
| 66/ 65 | | .3 | .6 | 1.4 | .9 | .3 | | | | | | | | | | | | 23 | 23 | 40 | 97 |
| 64/ 63 | | .8 | 1.4 | 2.2 | .6 | .2 | .2 | | | | | | | | | | | 34 | 34 | 29 | 63 |
| 62/ 61 | | .3 | .5 | .2 | .3 | .5 | | | | | | | | | | | | 11 | 11 | 20 | 32 |
| 60/ 59 | | 1.1 | .5 | .3 | .9 | .2 | | | | | | | | | | | | 19 | 19 | 32 | 23 |
| 58/ 57 | | .6 | .3 | .6 | .9 | .3 | | | | | | | | | | | | 18 | 18 | 36 | 19 |
| 56/ 55 | | .2 | .2 | .3 | | | | | | | | | | | | | | 4 | 4 | 14 | 37 |
| 54/ 53 | | | | | .2 | | | | | | | | | | | | | 1 | 1 | 11 | 19 |
| 52/ 51 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 10 | 14 |
| 50/ 49 | | .2 | | | | | | | | | | | | | | | | 1 | 1 | 9 | 6 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 2 | 9 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 1 | 13 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 9 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .6 | 9.9 | 35.1 | 26.3 | 16.8 | 8.9 | 1.4 | .6 | .3 | | | | | | | | | | 641 | | 638 |
| | | | | | | | | | | | | | | | | | | 638 | | 638 | |

| 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. | 3761368 | 48480 | 76.0 | 11.030 | 638 | | | | | | | |
| Dry Bulb | 3332839 | 46067 | 71.9 | 5.879 | 641 | | | 74.1 | 51.8 | 2.5 | | 90 |
| Wet Bulb | 2861288 | 42558 | 66.7 | 5.936 | 638 | | | 61.2 | 8.7 | | | 90 |
| Dew Point | 2620925 | 40633 | 63.7 | 7.207 | 638 | | | 40.9 | 1.8 | | | 90 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) SEP (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 |
| 82/ 81 | | | | .1 | .6 | .1 | | | .1 | | | | | | | | | 8 | 9 | | |
| 80/ 79 | | | .1 | 2.4 | 1.0 | .5 | | .1 | | | | | | | | | | 34 | 34 | | |
| 78/ 77 | | | 2.4 | 4.5 | 2.3 | .5 | .1 | | | | | | | | | | | 82 | 82 | | |
| 76/ 75 | | .7 | 11.5 | 5.3 | 2.5 | .5 | .1 | | | | | | | | | | | 174 | 175 | 4 | |
| 74/ 73 | .5 | 2.4 | 10.0 | 4.3 | 1.7 | .4 | .1 | | | | | | | | | | | 162 | 163 | 95 | 15 |
| 72/ 71 | .1 | 2.3 | 6.8 | 1.5 | 1.1 | .2 | .4 | | | | | | | | | | | 104 | 104 | 194 | 97 |
| 70/ 69 | | 1.9 | 3.4 | 1.1 | 1.0 | .1 | .1 | .2 | | | | | | | | | | 66 | 66 | 152 | 182 |
| 68/ 67 | | .6 | 2.7 | 1.5 | .4 | .4 | .1 | .2 | | | | | | | | | | 50 | 50 | 100 | 132 |
| 66/ 65 | | .6 | 1.0 | 1.2 | .5 | .1 | .1 | | | | | | | | | | | 29 | 29 | 67 | 94 |
| 64/ 63 | | 1.2 | 1.7 | 1.1 | .6 | .1 | | | | | | | | | | | | 39 | 39 | 45 | 62 |
| 62/ 61 | | .2 | 1.8 | 1.0 | .4 | | | | | | | | | | | | | 28 | 28 | 36 | 48 |
| 60/ 59 | | .8 | .8 | .5 | .5 | .2 | | | | | | | | | | | | 24 | 24 | 39 | 34 |
| 58/ 57 | | .7 | .6 | .4 | .1 | .2 | | | | | | | | | | | | 17 | 17 | 35 | 38 |
| 56/ 55 | | .4 | .1 | .4 | .4 | | | | | | | | | | | | | 10 | 10 | 34 | 41 |
| 54/ 53 | | .4 | | .2 | .2 | | | | | | | | | | | | | 7 | 7 | 11 | 25 |
| 52/ 51 | | .4 | .2 | .1 | | | | | | | | | | | | | | 6 | 6 | 8 | 27 |
| 50/ 49 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 15 | 8 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 5 | 8 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 2 | 13 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 10 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 5 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .6 | 12.7 | 43.1 | 25.5 | 12.9 | 3.3 | 1.1 | .6 | .1 | | | | | | | | | 842 | 845 | 842 | 842 |

| 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 | ≥ 88 F | ≥ 93 F | Total |
| Rel. Hum. | 5270066 | 66094 | 78.5 | 9.870 | 842 | | | | | | | |
| Dry Bulb | 4325428 | 60238 | 71.3 | 6.081 | 845 | | | 72.7 | 49.3 | 1.5 | | 90 |
| Wet Bulb | 3783855 | 56207 | 66.8 | 6.150 | 842 | | | 58.3 | 10.6 | | | 90 |
| Dew Point | 3504689 | 53987 | 64.1 | 7.165 | 842 | | | 45.5 | 1.6 | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 69-70,73-80 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 |
| 96/ 95 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | .1 | .1 | | | | | | 2 | 2 | | |
| 92/ 91 | | | | | | | | | .3 | | .2 | .1 | | | | | | 6 | 7 | | |
| 90/ 89 | | | | | | | .2 | 1.4 | .9 | .1 | | | .1 | | | | | 24 | 25 | | |
| 88/ 87 | | | | | | .1 | 1.5 | .8 | 1.1 | .2 | .1 | | | | | | | 34 | 35 | | |
| 86/ 85 | | | | | | 3.1 | 1.9 | 1.8 | .5 | .3 | | .1 | | | | | | 68 | 68 | | |
| 84/ 83 | | | | | 1.4 | 4.4 | 2.7 | 1.2 | .7 | .1 | .1 | | | | | | | 94 | 94 | | |
| 82/ 81 | | | | 1.2 | 5.1 | 4.5 | 1.9 | .9 | .3 | .1 | .2 | | | | | | | 127 | 127 | | |
| 80/ 79 | | | .1 | 4.9 | 6.4 | 2.7 | .6 | .8 | .1 | .2 | .2 | | | | | | | 141 | 141 | | |
| 78/ 77 | | | 1.6 | 5.8 | 2.5 | 1.7 | .6 | .7 | .2 | .2 | | | | | | | | 117 | 117 | 11 | |
| 76/ 75 | | .6 | 2.0 | 2.7 | 1.9 | 1.1 | .7 | .5 | .3 | .1 | | | | | | | | 88 | 88 | 98 | 1 |
| 74/ 73 | .1 | .3 | .6 | .8 | 1.2 | .5 | .5 | .8 | .3 | .1 | | | | | | | | 46 | 46 | 237 | 32 |
| 72/ 71 | | .9 | 1.2 | .6 | .9 | .3 | .2 | .2 | .1 | .1 | | | | | | | | 41 | 41 | 191 | 123 |
| 70/ 69 | | .1 | .5 | .5 | 1.1 | .6 | .1 | .7 | | | | | | | | | | 31 | 31 | 87 | 206 |
| 68/ 67 | | | .5 | .1 | .2 | .2 | .3 | .2 | .1 | | | | | | | | | 15 | 15 | 63 | 138 |
| 66/ 65 | | .5 | .1 | 1.0 | .6 | .1 | | | | | | | | | | | | 20 | 20 | 51 | 107 |
| 64/ 63 | | .1 | .3 | | .3 | | | | | | | | | | | | | 7 | 7 | 36 | 34 |
| 62/ 61 | | .1 | .2 | .2 | | | | | | | | | | | | | | 5 | 5 | 30 | 59 |
| 60/ 59 | | .3 | .2 | .1 | | | | | | | | | | | | | | 6 | 6 | 30 | 21 |
| 58/ 57 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 27 | 43 |
| 56/ 55 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 11 | 37 |
| 54/ 53 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 4 | 12 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 2 | 16 |
| 50/ 49 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 18 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | 17 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 6 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 2 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .1 | 3.6 | 7.6 | 17.9 | 21.7 | 19.8 | 11.2 | 10.0 | 5.1 | 1.7 | 1.0 | .3 | .1 | .1 | | | | 881 | 884 | | 881 |
| | | | | | | | | | | | | | | | | | | 881 | | 881 | |

| Element (X) | $\Sigma_{\bar{x}}^2$ | $\Sigma_{\bar{x}}$ | $\bar{X}$ | $\sigma_{\bar{x}}$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3831255 | 56891 | 68.6 | 3.378 | 881 | | | | | | | |
| Dry Bulb | 5500242 | 69498 | 78.6 | 6.427 | 884 | | | 85.3 | 76.5 | 49.7 | .3 | 90 |
| Wet Bulb | 4315917 | 61981 | 69.8 | 5.323 | 881 | | | 70.2 | 35.3 | | | 90 |
| Dew Point | 3778421 | 57383 | 65.1 | 6.913 | 881 | | | 51.1 | 3.8 | | | 90 |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70,73-80 SEP
STATION STATION NAME YEARS MONTH

 1200-1800 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 |
| 100/ 99 | | | | | | | | | | | | .1 | .3 | .1 | .1 | | .1 | 7 | 7 | | |
| 98/ 97 | | | | | | | | | | | .2 | .6 | .7 | .6 | .3 | | .1 | 22 | 22 | | |
| 96/ 95 | | | | | | | | | | .6 | .6 | 1.0 | .6 | .4 | | .1 | | 29 | 29 | | |
| 94/ 93 | | | | | | | | | .9 | 1.1 | 2.5 | 1.5 | .3 | | .1 | .1 | | 58 | 59 | | |
| 92/ 91 | | | | | | | | .4 | 2.6 | 3.4 | 1.6 | .3 | .2 | .3 | | | | 79 | 79 | | |
| 90/ 89 | | | | | | | .3 | 2.2 | 3.8 | 3.1 | .7 | 1.0 | .3 | .1 | | | | 104 | 104 | | |
| 88/ 87 | | | | | | .3 | 2.7 | 5.4 | 3.6 | 1.2 | 1.7 | .2 | .1 | .1 | | | | 137 | 137 | | |
| 86/ 85 | | | | | .2 | 2.6 | 5.2 | 2.0 | 1.2 | 1.3 | .3 | .3 | .1 | .1 | | | | 120 | 120 | | |
| 84/ 83 | | | | .1 | .8 | 2.9 | 2.4 | 1.6 | .8 | .6 | .3 | .6 | .1 | .1 | | | | 91 | 91 | | |
| 82/ 81 | | | | .6 | 1.6 | 3.0 | 1.2 | .7 | .4 | .6 | .2 | | .1 | | | | | 75 | 75 | | |
| 80/ 79 | | | .1 | .1 | .8 | 1.0 | .4 | .6 | .3 | .4 | .4 | .2 | | | | | | 40 | 40 | 2 | |
| 78/ 77 | | .2 | .1 | .6 | .3 | .2 | .2 | .3 | .4 | | .4 | | | | | | | 26 | 26 | 40 | |
| 76/ 75 | | .2 | .7 | .1 | .4 | .2 | .7 | .4 | .2 | .3 | .1 | | | | | | | 31 | 31 | 163 | 2 |
| 74/ 73 | | .2 | .4 | .2 | .1 | .8 | .3 | .1 | .3 | | | | | | | | | 23 | 23 | 267 | 26 |
| 72/ 71 | | | .6 | | .2 | .2 | .6 | .2 | | | | | | | | | | 16 | 16 | 132 | 57 |
| 70/ 69 | | | .1 | .2 | | .2 | .3 | | | | | | | | | | | 8 | 8 | 78 | 145 |
| 68/ 67 | | | | .1 | .2 | .2 | | | | | | | | | | | | 5 | 5 | 58 | 165 |
| 66/ 65 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 35 | 124 |
| 64/ 63 | | .2 | .3 | | | | | | | | | | | | | | | 5 | 5 | 43 | 83 |
| 62/ 61 | | .3 | .2 | | .2 | | | | | | | | | | | | | 7 | 7 | 25 | 46 |
| 60/ 59 | | .3 | | .1 | | | | | | | | | | | | | | 4 | 4 | 23 | 54 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 20 | 53 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 4 | 38 |
| 54/ 53 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | 18 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 21 |
| 50/ 49 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 20 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 13 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 9 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 6 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 4 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | 2.0 | 2.8 | 2.1 | 4.9 | 11.8 | 14.3 | 14.0 | 14.7 | 12.7 | 9.1 | 5.8 | 2.9 | 1.9 | .6 | .2 | .2 | 893 | 894 | 893 | 893 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 8 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 92 F | Total |
| Rel. Hum. | 2827398 | 44810 | 50.2 | 4.161 | 893 | | | 87.8 | 88.9 | 74.8 | 11.8 | 90 |
| Dry Bulb | 6583377 | 76203 | 85.2 | 7.329 | 894 | | | 87.8 | 87.6 | | | 90 |
| Wet Bulb | 4523873 | 63403 | 71.0 | 8.996 | 893 | | | 78.6 | 87.6 | | | 90 |
| Dew Point | 3655863 | 56783 | 63.6 | 7.088 | 893 | | | 39.8 | 2.8 | | | 90 |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) SEP (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 |
| 104/103 | | | | | | | | | | | | | | .1 | .1 | .1 | .1 | 4 | 4 | | |
| 102/101 | | | | | | | | | | | | | .1 | .3 | .1 | .2 | | 7 | 7 | | |
| 100/ 99 | | | | | | | | | | | | | | 1.1 | .7 | .8 | .2 | 25 | 25 | | |
| 98/ 97 | | | | | | | | | .1 | .1 | .2 | .3 | .7 | 1.4 | .9 | .2 | .2 | 37 | 37 | | |
| 96/ 95 | | | | | | | | | | .6 | 1.9 | 2.2 | 1.4 | 1.5 | | | .1 | 67 | 67 | | |
| 94/ 93 | | | | | | | | .1 | .2 | 1.4 | 3.2 | 2.3 | .8 | .5 | .2 | | | 76 | 76 | | |
| 92/ 91 | | | | | | | | .5 | 1.4 | 3.4 | 4.4 | 1.6 | 1.1 | 1.3 | .1 | | | 121 | 121 | | |
| 90/ 89 | | | | | | | .3 | 1.8 | 3.4 | 5.0 | 2.3 | .8 | .8 | .5 | .1 | | | 132 | 132 | | |
| 88/ 87 | | | | | | .2 | 1.3 | 4.1 | 3.0 | 1.3 | 1.1 | .8 | .2 | .3 | .2 | | | 110 | 110 | | |
| 86/ 85 | | | | | .2 | .3 | 1.5 | 2.5 | .3 | .7 | .6 | .2 | .7 | .1 | .1 | | | 64 | 64 | | |
| 84/ 83 | | | | .2 | .6 | .9 | 1.5 | 1.0 | .8 | .5 | .6 | .2 | | .1 | | | | 56 | 56 | | |
| 82/ 81 | | | | .2 | .6 | .9 | .7 | .2 | .5 | .1 | | .3 | | | | | | 31 | 31 | 1 | |
| 80/ 79 | | | .1 | .3 | .6 | .2 | .3 | .2 | 1.0 | .3 | .2 | .7 | | | | | | 36 | 36 | 4 | |
| 78/ 77 | | .1 | .2 | .7 | .3 | .1 | .3 | .5 | .1 | .2 | .1 | | | | | | | 24 | 24 | 35 | |
| 76/ 75 | | .3 | .5 | .7 | .6 | .3 | | .5 | .2 | .1 | | | | | | | | 28 | 28 | 106 | 5 |
| 74/ 73 | | | .3 | 1.3 | .1 | .5 | .2 | .3 | | | | | | | | | | 24 | 24 | 237 | 16 |
| 72/ 71 | | | .2 | .2 | .2 | .2 | .5 | | | | | | | | | | | 12 | 12 | 179 | 33 |
| 70/ 69 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 99 | 70 |
| 68/ 67 | | | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 66 | 115 |
| 66/ 65 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 48 | 135 |
| 64/ 63 | | .2 | .3 | | .2 | | | | | | | | | | | | | 7 | 7 | 42 | 119 |
| 62/ 61 | | .3 | | .1 | | | | | | | | | | | | | | 4 | 4 | 25 | 69 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 21 | 73 |
| 58/ 57 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 53 |
| 56/ 55 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 48 |
| 54/ 53 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | | 45 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 30 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 3 | 18 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 10 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 11 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 7 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 12 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

FORM AUG 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) SEP (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 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 3 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 1.5 | 2.5 | 4.0 | 3.5 | 3.8 | 6.6 | 11.7 | 11.0 | 13.7 | 14.7 | 9.4 | 5.8 | 6.8 | 2.8 | 1.3 | .9 | 879 | 879 | 879 | 879 |

| 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 |
| Ref. Hum. | 1986305 | 39029 | 88.8 | 5.589 | 879 | | | | | | | |
| Dry Bulb | 6788756 | 76918 | 87.5 | 7.889 | 879 | | | 88.8 | 86.2 | 76.8 | 22.1 | 90 |
| Wet Bulb | 6812258 | 62180 | 70.7 | 8.692 | 879 | | | 78.8 | 39.2 | .1 | | 90 |
| Dew Point | 3368886 | 58208 | 61.7 | 7.272 | 879 | | | 28.8 | 2.2 | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JAN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70,73-80 SEP
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000 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 | | | | | |
| 102/101 | | | | | | | | | | | | | | | .2 | | | 2 | 2 | | | |
| 100/ 99 | | | | | | | | | | | | | | | | .2 | | 2 | 2 | | | |
| 98/ 97 | | | | | | | | | | | | .1 | .2 | .5 | .5 | .1 | | 12 | 12 | | | |
| 96/ 95 | | | | | | | | | | | .2 | .4 | .7 | .9 | .4 | | .1 | 22 | 22 | | | |
| 94/ 93 | | | | | | | | | .1 | .1 | 1.0 | 1.1 | .9 | .5 | | | | 30 | 30 | | | |
| 92/ 91 | | | | | | | | .1 | | 1.1 | 2.5 | 1.3 | 1.5 | | | .1 | | 54 | 54 | | | |
| 90/ 89 | | | | | | | .1 | .4 | 1.6 | 2.6 | 2.1 | 1.0 | .6 | .4 | | | | 71 | 71 | | | |
| 88/ 87 | | | | | | .4 | .7 | 2.5 | 3.7 | 1.3 | 2.3 | 1.1 | | .1 | | | | 99 | 99 | | | |
| 86/ 85 | | | | | .5 | .6 | 1.8 | 4.7 | 1.8 | .9 | .5 | .4 | | .4 | | | | 94 | 94 | | | |
| 84/ 83 | | | | .1 | .4 | 1.5 | 2.6 | 2.9 | .6 | .7 | .6 | .1 | .1 | .1 | | | | 80 | 80 | | | |
| 82/ 81 | | | .2 | .5 | 1.7 | 1.6 | 3.6 | .4 | 1.1 | .7 | .4 | .2 | .1 | | | | | 86 | 86 | | | |
| 80/ 79 | | | .4 | .5 | 1.3 | 2.0 | .8 | 1.0 | 1.2 | .5 | .1 | .5 | | | | | | 68 | 68 | | | |
| 78/ 77 | | .1 | .7 | 1.3 | 1.0 | 1.0 | .6 | .7 | .2 | .6 | .1 | | | | | | | 53 | 53 | 19 | 1 | |
| 76/ 75 | | .6 | 1.2 | 1.6 | 1.0 | .6 | .5 | .8 | .6 | .8 | .1 | | | | | | | 57 | 57 | 40 | 5 | |
| 74/ 73 | .1 | .2 | .9 | 1.0 | .4 | .4 | .2 | .2 | .4 | .1 | | | | | | | | 32 | 32 | 158 | 24 | |
| 72/ 71 | | | .6 | .7 | .5 | .9 | .8 | .1 | .1 | | | | | | | | | 27 | 27 | 198 | 27 | |
| 70/ 69 | | | | .2 | .1 | .2 | | .2 | | | | | | | | | | 7 | 7 | 136 | 70 | |
| 68/ 67 | | | .1 | | .8 | .1 | | .1 | | | | | | | | | | 6 | 6 | 88 | 81 | |
| 66/ 65 | | | .1 | .2 | .1 | | | | | | | | | | | | | 4 | 4 | 56 | 131 | |
| 64/ 63 | | .2 | .1 | | .1 | | | | | | | | | | | | | 4 | 4 | 47 | 100 | |
| 62/ 61 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 28 | 75 | |
| 60/ 59 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 23 | 52 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 13 | 61 | |
| 56/ 55 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 45 | |
| 54/ 53 | | .2 | | .4 | | | | | | | | | | | | | | 5 | 5 | 2 | 55 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 16 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 1 | 4 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 2 | 8 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 14 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 10 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 12 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 | |

| Element (X) | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 90 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JAN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 68-70,73-80 (YEARS) SEP (MONTH)

PAGE 2 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 |
| TOTAL | .1 | 1.7 | 4.5 | 6.7 | 7.5 | 9.2 | 10.9 | 13.7 | 11.5 | 9.1 | 9.9 | 6.3 | 4.2 | 2.8 | 1.1 | .5 | .1 | 815 | 815 | 815 | 815 |

| 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 | ≤ 95 F | Total |
| Rel. Hum. | 2311268 | 811216 | 58.6 | 6.406 | 815 | | | | | | | |
| Dry Bulb | 5499078 | 678809 | 83.3 | 7.380 | 815 | | | 68.1 | 83.7 | 85.6 | 7.5 | 90 |
| Wet Bulb | 3081430 | 565868 | 69.8 | 8.216 | 815 | | | 78.1 | 28.8 | | | 90 |
| Dew Point | 3157909 | 582291 | 71.5 | 7.288 | 815 | | | 21.8 | 3.7 | | | 90 |

USAETAC FORM AWS TI 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) SEP (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 |
| 94/ 93 | | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 92/ 91 | | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | | .3 | 1.2 | .3 | .1 | | | | | | | 14 | 14 | | |
| 88/ 87 | | | | | | | | .5 | .9 | .5 | .7 | .1 | | | | | | | 21 | 21 | | |
| 86/ 85 | | | | | .1 | .4 | 1.3 | 2.0 | 1.5 | 1.3 | 1.2 | | | | | | | | 59 | 59 | | |
| 84/ 83 | | | | .1 | .5 | 1.7 | 2.8 | 2.9 | 1.9 | 1.1 | .3 | | | | | | | | 82 | 82 | | |
| 82/ 81 | | | | .8 | 1.5 | 2.7 | 3.9 | 1.3 | .7 | .1 | | .1 | | | | | | | 83 | 83 | | |
| 80/ 79 | | | .7 | 2.5 | 3.2 | 4.0 | 1.1 | .5 | .4 | .1 | | .1 | | | | | | | 95 | 96 | | |
| 78/ 77 | | | .4 | 3.3 | 3.6 | 1.7 | 1.1 | 1.5 | .8 | .3 | | | | | | | | | 95 | 95 | 4 | |
| 76/ 75 | | .3 | 2.8 | 3.1 | 3.7 | .4 | .9 | .9 | .8 | .3 | | | | | | | | | 99 | 99 | 21 | 3 |
| 74/ 73 | .4 | .4 | 1.7 | 1.9 | 1.1 | .3 | .8 | .8 | .4 | | | | | | | | | | 58 | 58 | 94 | 16 |
| 72/ 71 | .8 | .5 | 2.3 | 1.2 | .8 | .5 | .9 | .5 | .1 | | | | | | | | | | 52 | 52 | 172 | 80 |
| 70/ 69 | | .3 | .4 | .9 | .5 | .5 | .7 | .3 | | | | | | | | | | | 27 | 27 | 146 | 91 |
| 68/ 67 | | .1 | .5 | .4 | .8 | .1 | .4 | .4 | .3 | | | | | | | | | | 23 | 23 | 98 | 109 |
| 66/ 65 | | .1 | .9 | .5 | .1 | .4 | .4 | | | | | | | | | | | | 19 | 19 | 57 | 109 |
| 64/ 63 | | .3 | .1 | | .4 | .3 | | | | | | | | | | | | | 8 | 8 | 40 | 86 |
| 62/ 61 | | .1 | .3 | | | .3 | | | | | | | | | | | | | 5 | 5 | 41 | 61 |
| 60/ 59 | | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 34 | 32 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 13 | 51 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 15 | 39 |
| 54/ 53 | | .1 | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 8 | 35 |
| 52/ 51 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 5 | 21 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 2 | 17 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 1 | 15 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 12 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 10 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .8 | 2.9 | 10.9 | 14.9 | 16.0 | 13.3 | 13.8 | 11.7 | 8.0 | 4.9 | 2.5 | .5 | .1 | | | | | | | 752 | | 751 |
| | | | | | | | | | | | | | | | | | | | 751 | | 751 | |

| Element (X) | $\Sigma x^3$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Norm No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 72 F | ≥ 90 F | Total |
| Rel. Hum. | [illegible] | [illegible] | 61.5 | 15.368 | 751 | | | | | | |
| Dry Bulb | [illegible] | [illegible] | 77.4 | 6.329 | 752 | | | 88.1 | 72.9 | 36.6 | .1 | 90 |
| Wet Bulb | [illegible] | [illegible] | 68.0 | 5.182 | 751 | | | 68.1 | 18.3 | | | 90 |
| Dew Point | [illegible] | [illegible] | 62.8 | 7.087 | 751 | | | 31.8 | 2.3 | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-73,73-80 (YEARS) SEP (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104/103 | | | | | | | | | | | | | | .0 | .0 | .0 | .0 | 4 | 4 | | |
| 102/101 | | | | | | | | | | | | | .0 | | .1 | .0 | .0 | 9 | 9 | | |
| 100/ 99 | | | | | | | | | | | | .0 | .0 | .2 | .1 | .1 | .0 | 34 | 34 | | |
| 98/ 97 | | | | | | | | | .0 | .0 | .1 | .1 | .2 | .3 | .2 | .0 | .0 | 71 | 71 | | |
| 96/ 95 | | | | | | | | | | .2 | .4 | .5 | .4 | .4 | .0 | .0 | .0 | 119 | 119 | | |
| 94/ 93 | | | | | | | | .0 | .2 | .4 | .9 | .7 | .3 | .1 | .0 | .0 | | 167 | 168 | | |
| 92/ 91 | | | | | | | .1 | .6 | 1.1 | 1.2 | .5 | .4 | .2 | .0 | .0 | | | 261 | 262 | | |
| 90/ 89 | | | | | | .1 | .8 | 1.4 | 1.6 | .7 | .4 | .3 | .1 | .0 | | | | 345 | 346 | | |
| 88/ 87 | | | | | | .1 | .9 | 1.8 | 1.7 | .6 | .8 | .3 | .0 | .1 | .0 | | | 403 | 404 | | |
| 86/ 85 | | | | | .1 | 1.0 | 1.6 | 1.8 | .7 | .6 | .3 | .1 | .1 | .1 | .0 | | | 412 | 412 | | |
| 84/ 83 | | | | .1 | .5 | 1.7 | 1.6 | 1.4 | .7 | .4 | .3 | .1 | .0 | .0 | | | | 427 | 427 | | |
| 82/ 81 | | | .0 | .5 | 1.7 | 2.0 | 1.7 | .5 | .4 | .2 | .1 | .1 | .0 | | | | | 462 | 463 | 1 | |
| 80/ 79 | | .3 | 1.7 | 2.2 | 1.9 | .5 | .6 | .5 | .3 | .1 | .2 | | | | | | | 512 | 515 | 6 | |
| 78/ 77 | .1 | 1.1 | 3.2 | 2.1 | 1.1 | .6 | .5 | .3 | .2 | .1 | | | | | | | | 576 | 578 | 109 | 1 |
| 76/ 75 | .4 | 3.5 | 2.8 | 2.0 | .6 | .5 | .4 | .3 | .2 | .0 | | | | | | | | 670 | 673 | 443 | 18 |
| 74/ 73 | .2 .7 | 3.2 | 2.1 | .7 | .5 | .3 | .3 | .2 | .0 | | | | | | | | | 523 | 524 | 1214 | 150 |
| 72/ 71 | .1 .9 | 2.6 | .9 | .6 | .4 | .4 | .2 | .0 | .0 | | | | | | | | | 390 | 390 | 1294 | 444 |
| 70/ 69 | .5 | 1.1 | .5 | .5 | .3 | .2 | .2 | | | | | | | | | | | 209 | 209 | 949 | 994 |
| 68/ 67 | .2 | .9 | .4 | .6 | .3 | .3 | .1 | .1 | | | | | | | | | | 182 | 182 | 659 | 930 |
| 66/ 65 | .3 | .4 | .6 | .3 | .2 | .1 | | | | | | | | | | | | 110 | 110 | 390 | 879 |
| 64/ 63 | .4 | .7 | .4 | .3 | .1 | .0 | | | | | | | | | | | | 125 | 125 | 311 | 594 |
| 62/ 61 | .3 | .4 | .2 | .1 | .1 | .0 | .0 | | | | | | | | | | | 71 | 71 | 227 | 426 |
| 60/ 59 | .4 | .3 | .2 | .2 | .0 | | | | | | | | | | | | | 62 | 62 | 238 | 316 |
| 58/ 57 | .2 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 41 | 41 | 168 | 351 |
| 56/ 55 | .1 | .0 | .1 | .0 | | | | | | | | | | | | | | 18 | 18 | 107 | 307 |
| 54/ 53 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | 24 | 24 | 45 | 227 |
| 52/ 51 | .1 | .0 | .0 | | | | | | | | | | | | | | | 9 | 9 | 29 | 178 |
| 50/ 49 | .1 | | | | | | | | | | | | | | | | | 7 | 7 | 39 | 100 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 11 | 95 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 3 | 88 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 63 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 43 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 19 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 11 |

| Element (X) | $\Sigma_X^2$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Stem 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 | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) SEP (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 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 8 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | 4.7 | 14.8 | 14.0 | 12.3 | 10.4 | 8.9 | 9.0 | 7.2 | 5.8 | 5.1 | 3.1 | 1.8 | 1.6 | .6 | .3 | .2 | 6243 | 6257 | 6243 | 6243 |

| 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. | 25197560 | 379766 | 60.8 | 18.325 | 6243 | | | | | | | |
| Dry Bulb | 39815036 | 496030 | 79.3 | 8.866 | 6257 | | | 666.3 | 576.4 | 343.1 | 46.6 | 720 |
| Wet Bulb | 29811099 | 430015 | 68.9 | 5.549 | 6243 | | | 539.2 | 209.5 | .1 | | 720 |
| Dew Point | 25219999 | 388358 | 63.3 | 7.241 | 6243 | | | 292.6 | 19.5 | | | 720 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 |
| 84/ 83 | | | | | | | | .3 | .2 | | | | | | | | | 3 | 3 | | |
| 82/ 81 | | | | | | | .3 | .2 | | | | | | | | | | 3 | 3 | | |
| 80/ 79 | | | | | | | | | | | .2 | | | | | | | 1 | 1 | | |
| 78/ 77 | | | | .3 | .2 | .2 | | | .2 | .5 | | | | | | | | 8 | 8 | | |
| 76/ 75 | | | .2 | 1.2 | 1.0 | .3 | .3 | .2 | .2 | | | | | | | | | 20 | 20 | | |
| 74/ 73 | | | .7 | 1.9 | 1.4 | .5 | .5 | .2 | .2 | | | | | | | | | 31 | 31 | | |
| 72/ 71 | | | 1.2 | 2.6 | 2.6 | 1.7 | .3 | .5 | .3 | | | | | | | | | 54 | 54 | 5 | |
| 70/ 69 | | .2 | 1.2 | 2.1 | 1.6 | 1.4 | 1.2 | .5 | .3 | | | | | | | | | 49 | 49 | 21 | 3 |
| 68/ 67 | | .7 | 3.5 | .9 | 2.6 | 2.6 | 1.7 | .2 | .9 | | | | | | | | | 75 | 75 | 30 | 12 |
| 66/ 65 | | 1.7 | 2.1 | 2.3 | 1.4 | .9 | .2 | .3 | .3 | | | | | | | | | 53 | 53 | 44 | 25 |
| 64/ 63 | .2 | 1.0 | 1.9 | .5 | .3 | .7 | .7 | .3 | | | | | | | | | | 33 | 33 | 64 | 40 |
| 62/ 61 | | 1.0 | 2.6 | 1.2 | 1.4 | .7 | 1.0 | | | | | | | | | | | 46 | 46 | 48 | 48 |
| 60/ 59 | | 1.4 | 3.1 | 2.8 | .9 | .7 | .9 | | | | | | | | | | | 56 | 56 | 54 | 38 |
| 58/ 57 | | 1.6 | .9 | .7 | .2 | .9 | | .2 | | | | | | | | | | 25 | 25 | 66 | 44 |
| 56/ 55 | | 1.0 | 1.4 | .7 | .3 | .7 | .9 | | | | | | | | | | | 29 | 29 | 53 | 62 |
| 54/ 53 | .2 | .9 | .3 | .9 | | .5 | .9 | | | | | | | | | | | 21 | 21 | 37 | 33 |
| 52/ 51 | | .2 | .9 | .3 | .3 | 1.0 | | | | | | | | | | | | 16 | 16 | 36 | 41 |
| 50/ 49 | | 1.2 | .5 | .5 | .9 | .2 | | | | | | | | | | | | 19 | 19 | 24 | 42 |
| 48/ 47 | | .2 | .7 | .2 | .5 | .3 | | | | | | | | | | | | 11 | 11 | 23 | 28 |
| 46/ 45 | | .9 | .2 | .2 | .2 | | | | | | | | | | | | | 8 | 8 | 10 | 28 |
| 44/ 43 | | | .3 | .2 | | | | | | | | | | | | | | 3 | 3 | 23 | 13 |
| 42/ 41 | | .2 | .2 | .2 | | | | | | | | | | | | | | 3 | 3 | 19 | 22 |
| 40/ 39 | | .3 | .2 | .3 | .7 | | | | | | | | | | | | | 9 | 9 | 6 | 15 |
| 38/ 37 | | .2 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 26 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 12 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 3 | 9 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 2 | 8 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 13 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 6 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 4 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 3 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\bar{X}_{X'}$ | $\bar{X}_{\bar{X}}$ | $\bar{X}$ | $\sigma_{\bar{X}}$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

 0000-0200 (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 | | | | |
| TOTAL | .3 | 12.7 | 22.0 | 19.9 | 16.5 | 13.3 | 9.0 | 2.9 | 2.6 | .5 | .2 | | | | | | | 577 | 577 | 577 | 577 |

| 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 | ≤ 92 F | Total |
| Rel. Hum. | 2760238 | 38798 | 67.2 | 16.283 | 577 | | | | | | | |
| Dry Bulb | 2358217 | 36525 | 63.3 | 8.582 | 577 | | | 39.3 | 10.6 | 1.0 | | 93 |
| Wet Bulb | 1900226 | 32780 | 56.8 | 8.118 | 577 | | .3 | 9.0 | | | | 93 |
| Dew Point | 1698380 | 29722 | 51.5 | 10.488 | 577 | | 5.8 | 2.8 | | | | 93 |

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73,75-80 (YEARS) OCT (MONTH)

 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 | | | | | | | .2 | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | .6 | | | | | | | | | | | | 4 | 4 | | |
| 78/ 77 | | | | .2 | .3 | | | | | | | | | | | | | 3 | 3 | | |
| 76/ 75 | | | .5 | .6 | .6 | | | | .2 | | | .2 | | | | | | 13 | 13 | | |
| 74/ 73 | | .2 | 2.0 | .8 | .5 | | | | .2 | .2 | | | | | | | | 24 | 24 | 2 | |
| 72/ 71 | | .8 | 2.3 | 1.2 | .8 | .2 | | | | | .2 | | | | | | | 35 | 35 | 4 | 2 |
| 70/ 69 | .2 | 1.7 | 3.6 | .8 | 1.1 | .2 | .3 | | | | .2 | | | | | | | 52 | 52 | 34 | 11 |
| 68/ 67 | .3 | 2.6 | 3.8 | 2.0 | 1.4 | 1.4 | .3 | .5 | | | | | | | | | | 80 | 80 | 48 | 36 |
| 66/ 65 | | 1.5 | 2.3 | 2.7 | 2.0 | 1.1 | | .2 | | | | | | | | | | 64 | 64 | 46 | 45 |
| 64/ 63 | .5 | 1.7 | 2.0 | 2.0 | 1.5 | .3 | .3 | .5 | | | | | | | | | | 57 | 57 | 52 | 46 |
| 62/ 61 | .5 | 3.8 | 1.5 | 1.1 | .6 | .3 | .3 | .3 | | | | | | | | | | 55 | 55 | 51 | 37 |
| 60/ 59 | .3 | 2.6 | 1.7 | 1.5 | .5 | .5 | .5 | .2 | | | | | | | | | | 50 | 50 | 68 | 44 |
| 58/ 57 | .3 | 1.7 | 1.8 | 2.1 | | .6 | .2 | .2 | | | | | | | | | | 45 | 45 | 68 | 58 |
| 56/ 55 | | 1.2 | 1.8 | 1.5 | 1.1 | 1.4 | .2 | | | | | | | | | | | 47 | 47 | 43 | 54 |
| 54/ 53 | .5 | 1.8 | .8 | .8 | .6 | .2 | .2 | | | | | | | | | | | 31 | 31 | 47 | 36 |
| 52/ 51 | | .6 | .6 | .3 | .3 | .6 | | | | | | | | | | | | 16 | 16 | 44 | 34 |
| 50/ 49 | | .8 | 1.2 | .3 | 1.7 | .3 | | | | | | | | | | | | 28 | 28 | 25 | 54 |
| 48/ 47 | | 1.2 | 1.1 | .3 | .2 | | | | | | | | | | | | | 18 | 18 | 32 | 36 |
| 46/ 45 | | 1.1 | .3 | .2 | .3 | .2 | | | | | | | | | | | | 13 | 13 | 28 | 22 |
| 44/ 43 | | .3 | .5 | | .2 | | | | | | | | | | | | | 6 | 6 | 17 | 18 |
| 42/ 41 | | | | .3 | | | | | | | | | | | | | | 2 | 2 | 23 | 23 |
| 40/ 39 | | .3 | .2 | | .6 | | | | | | | | | | | | | 7 | 7 | 7 | 15 |
| 38/ 37 | | .6 | | .2 | .2 | | | | | | | | | | | | | 6 | 6 | 5 | 20 |
| 36/ 35 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 18 |
| 34/ 33 | | | .2 | | | | | | | | | | | | | | | 1 | 1 | 2 | 11 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 6 | 14 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 4 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 7 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 3 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 3 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 2.4 | 24.5 | 27.9 | 18.6 | 14.1 | 7.6 | 2.3 | 1.7 | .3 | .2 | .3 | .2 | | | | | | 660 | 660 | | 660 |

| 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. | 3787501 | 88901 | 76.1 | 5.790 | 660 | | | | | | | |
| Dry Bulb | 2537032 | 40530 | 61.4 | 8.585 | 660 | | | 29.9 | 6.3 | .6 | | 93 |
| Wet Bulb | 2164867 | 37353 | 56.6 | 8.750 | 660 | | 1.0 | 12.4 | .3 | | | 93 |
| Dew Point | 1901279 | 34863 | 52.5 | 1.072 | 660 | | 5.6 | 6.9 | | | | 93 |

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 |
| 82/ 81 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | | |
| 78/ 77 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | .5 | .2 | .5 | .1 | | | | | | | | | | | | 11 | 11 | | |
| 74/ 73 | | 1.6 | 1.6 | .3 | .8 | | | | | .1 | | | | | | | | 39 | 39 | 1 | |
| 72/ 71 | .3 | 3.2 | 1.9 | .7 | .5 | | .1 | | | .2 | | | | | | | | 61 | 61 | 31 | 11 |
| 70/ 69 | | 4.9 | 2.1 | 1.3 | .5 | .3 | .2 | | | | | | | | | | | 81 | 81 | 54 | 44 |
| 68/ 67 | .7 | 2.6 | 3.0 | 1.1 | .6 | .3 | .1 | | .1 | | | | | | | | | 75 | 75 | 73 | 63 |
| 66/ 65 | .1 | 3.1 | 4.6 | 1.9 | .7 | .3 | | .1 | | | | | | | | | | 95 | 95 | 55 | 52 |
| 64/ 63 | .2 | 1.5 | 3.4 | 2.4 | .8 | .1 | .2 | .1 | | | | | | | | | | 77 | 77 | 68 | 48 |
| 62/ 61 | .2 | 3.2 | 2.1 | .9 | .5 | .2 | .6 | .2 | | | | | | | | | | 69 | 69 | 69 | 62 |
| 60/ 59 | .1 | 2.8 | 1.9 | 1.6 | .8 | .5 | | | | | | | | | | | | 67 | 67 | 87 | 62 |
| 58/ 57 | | 1.9 | 1.1 | 1.1 | 1.0 | .5 | .3 | .2 | | | | | | | | | | 55 | 55 | 74 | 78 |
| 56/ 55 | | 1.4 | 2.6 | 1.1 | 1.1 | .6 | | | | | | | | | | | | 60 | 60 | 51 | 60 |
| 54/ 53 | .3 | 1.3 | .8 | .7 | .8 | .7 | | | | | | | | | | | | 40 | 40 | 51 | 53 |
| 52/ 51 | .2 | 1.5 | 1.1 | .5 | .5 | .6 | | | | | | | | | | | | 38 | 38 | 54 | 40 |
| 50/ 49 | .2 | 1.4 | 1.1 | .3 | .3 | | | | | | | | | | | | | 30 | 30 | 49 | 64 |
| 48/ 47 | | .5 | .6 | .2 | .9 | | | .1 | | | | | | | | | | 20 | 20 | 39 | 35 |
| 46/ 45 | | 1.1 | .6 | .6 | .1 | .1 | | | | | | | | | | | | 22 | 22 | 37 | 21 |
| 44/ 43 | | .1 | .3 | .1 | .3 | | | | | | | | | | | | | 8 | 8 | 25 | 27 |
| 42/ 41 | | .1 | .1 | .2 | | | | | | | | | | | | | | 4 | 4 | 16 | 35 |
| 40/ 39 | | | .2 | | .1 | | | | | | | | | | | | | 3 | 3 | 13 | 21 |
| 38/ 37 | | .2 | | .1 | | | | | | | | | | | | | | 3 | 3 | 7 | 21 |
| 36/ 35 | | .5 | .2 | .2 | | | | | | | | | | | | | | 8 | 8 | 7 | 17 |
| 34/ 33 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 3 | 18 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 5 | 17 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 3 | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 5 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 3 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 |
| TOTAL | 2.5 | 33.0 | 30.2 | 15.8 | 11.1 | 4.5 | 1.6 | .8 | .1 | .3 | | | | | | | | 872 | 872 | 872 | 872 |

| 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. | 5468281 | 67865 | 77.8 | 9.635 | 872 | | | | | | | |
| Dry Bulb | 3349961 | 53543 | 61.4 | 8.456 | 872 | | | 28.9 | 5.8 | .1 | | 93 |
| Wet Bulb | 2940689 | 50025 | 57.4 | 9.019 | 872 | | .9 | 17.0 | .1 | | | 93 |
| Dew Point | 2653831 | 47111 | 54.0 | 11.185 | 872 | | 8.3 | 12.6 | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 |
| 90/ 89 | | | | | | | | | | .1 | | .1 | | | | | | 2 | 2 | | |
| 88/ 87 | | | | | | | | .2 | | | | | | | | | | 2 | 2 | | |
| 86/ 85 | | | | | | | .1 | .1 | .3 | .2 | | | | .1 | | | | 8 | 8 | | |
| 84/ 83 | | | | | | | .2 | .2 | .3 | .1 | | .1 | | | | | | 9 | 9 | | |
| 82/ 81 | | | | | | .7 | .3 | .6 | .2 | .4 | .1 | | | | | | | 21 | 21 | | |
| 80/ 79 | | | | .4 | .6 | 1.7 | .4 | .4 | .1 | .4 | | | | | | | | 37 | 37 | | |
| 78/ 77 | | | .3 | 1.4 | 1.9 | 1.3 | 1.3 | .8 | .3 | .3 | .1 | | | .1 | | | | 72 | 72 | | |
| 76/ 75 | | .2 | 1.2 | 2.0 | 2.8 | 1.8 | .7 | .8 | .3 | .2 | .1 | .2 | | | | | | 93 | 93 | | |
| 74/ 73 | | .9 | 3.0 | 1.9 | 1.0 | 1.4 | 1.3 | | .6 | .4 | .1 | | | | | | | 96 | 96 | 23 | |
| 72/ 71 | | 1.3 | 2.4 | 2.2 | 1.7 | 1.4 | 1.1 | .3 | .2 | .6 | .4 | | | | | | | 106 | 106 | 65 | 17 |
| 70/ 69 | .1 | .8 | 1.8 | 1.5 | 1.8 | 1.3 | .3 | .8 | .3 | .2 | .2 | | | | | | | 83 | 83 | 90 | 59 |
| 68/ 67 | .1 | 1.3 | 2.5 | 1.3 | 1.5 | .9 | 1.0 | .7 | .4 | .7 | .2 | | | | | | | 97 | 97 | 107 | 66 |
| 66/ 65 | | 1.8 | 2.0 | 2.1 | 1.0 | .4 | .8 | .3 | .1 | .2 | .1 | | | | | | | 80 | 80 | 95 | 62 |
| 64/ 63 | | .8 | .9 | 1.7 | 1.1 | .6 | .6 | .6 | .6 | .1 | | | | | | | | 61 | 61 | 96 | 93 |
| 62/ 61 | | .4 | .3 | .7 | .4 | .8 | .6 | .4 | .4 | .1 | | | | | | | | 38 | 38 | 87 | 73 |
| 60/ 59 | | .8 | .6 | .3 | .2 | .2 | .1 | .4 | .1 | | | | | | | | | 25 | 25 | 62 | 69 |
| 58/ 57 | | .2 | .3 | .2 | 1.1 | .2 | .1 | .4 | | | | | | | | | | 24 | 24 | 61 | 72 |
| 56/ 55 | .3 | .2 | | .1 | .4 | .3 | .4 | | | | | | | | | | | 17 | 17 | 42 | 64 |
| 54/ 53 | | .2 | .1 | .1 | .4 | .2 | .3 | | | | | | | | | | | 13 | 13 | 48 | 44 |
| 52/ 51 | .1 | .1 | .1 | .1 | .2 | .2 | .1 | | | | | | | | | | | 9 | 9 | 30 | 50 |
| 50/ 49 | .1 | .3 | .3 | | | | | | | | | | | | | | | 7 | 7 | 33 | 26 |
| 48/ 47 | .3 | .3 | | .1 | | | | | | | | | | | | | | 7 | 7 | 27 | 18 |
| 46/ 45 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 25 | 42 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 15 | 13 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 3 | 35 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 18 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 13 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 12 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 9 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 22 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 16 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 7 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 5 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 |

| 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. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.1 | 9.9 | 15.8 | 16.2 | 16.1 | 13.4 | 9.8 | 7.0 | 4.4 | 4.2 | 1.4 | .4 | | .2 | | | | | 909 | | 909 | 909 |

| 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. | 8039087 | 58137 | 64.0 | 8.797 | 909 | | | | | | | |
| Dry Bulb | 4444045 | 63195 | 69.5 | 7.468 | 909 | | | 64.0 | 34.8 | 5.8 | | 93 |
| Wet Bulb | 3896666 | 55956 | 61.6 | 7.578 | 909 | | | 29.2 | 2.4 | | | 93 |
| Dew Point | 2920976 | 50516 | 55.6 | 11.187 | 909 | | 5.5 | 18.5 | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

 1200-1800 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 | | | | |
| 102/101 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | | | | .1 | | | | .1 | 2 | 2 | | |
| 96/ 95 | | | | | | | | | | | .1 | | | | .1 | | | 2 | 2 | | |
| 94/ 93 | | | | | | | | | | .1 | | .1 | .3 | .1 | | | | 6 | 6 | | |
| 92/ 91 | | | | | | | | | | .2 | .2 | .1 | .3 | | | | | 8 | 8 | | |
| 90/ 89 | | | | | | | | .1 | .3 | .5 | .2 | .5 | .1 | | | | | 17 | 17 | | |
| 88/ 87 | | | | | | | | 1.1 | 1.0 | .4 | .9 | .3 | .2 | .2 | | | | 38 | 38 | | |
| 86/ 85 | | | | | | .3 | .8 | 1.7 | 1.3 | 1.5 | 1.2 | .7 | .2 | .3 | | | | 74 | 74 | | |
| 84/ 83 | | | | | .4 | .9 | 1.6 | 1.4 | 1.0 | 1.1 | .8 | .3 | .5 | .1 | | | | 75 | 75 | | |
| 82/ 81 | | | | .3 | 1.2 | 1.1 | 1.4 | 1.3 | 1.2 | .7 | .8 | .4 | .5 | .1 | | | | 83 | 83 | | |
| 80/ 79 | | | | .1 | 1.4 | 2.1 | .7 | 1.3 | 1.4 | 1.5 | 1.2 | .8 | .1 | .1 | | | | 98 | 98 | | |
| 78/ 77 | | | .3 | 1.0 | 1.2 | 1.9 | 2.0 | 1.5 | 1.1 | .4 | .5 | .5 | .1 | .3 | | | | 100 | 100 | | |
| 76/ 75 | | | .5 | .4 | 1.9 | 1.0 | 1.7 | .7 | .8 | 1.0 | .3 | .3 | .3 | .3 | | | | 85 | 85 | 17 | |
| 74/ 73 | | .2 | .2 | .4 | .7 | 1.1 | .5 | .5 | .5 | .4 | 1.3 | .3 | .1 | | | | | 59 | 59 | 64 | 1 |
| 72/ 71 | | .2 | 1.1 | 1.4 | 1.0 | .3 | .8 | .4 | .7 | .7 | .3 | .2 | .1 | | | | | 66 | 66 | 91 | 23 |
| 70/ 69 | | .2 | .8 | .4 | .4 | 1.2 | .2 | .8 | .8 | .4 | .4 | .2 | | | | | | 54 | 54 | 81 | 38 |
| 68/ 67 | | .2 | 1.3 | .7 | .8 | .3 | .4 | .1 | .1 | .4 | | | | | | | | 40 | 40 | 120 | 62 |
| 66/ 65 | | .4 | | .7 | .5 | .2 | .4 | | .1 | .5 | | | | | | | | 27 | 27 | 96 | 60 |
| 64/ 63 | | | .1 | 1.0 | .1 | .2 | .2 | .2 | .4 | .2 | .1 | | | | | | | 24 | 24 | 97 | 83 |
| 62/ 61 | | .2 | .1 | .1 | .1 | | .1 | .1 | .3 | | | | | | | | | 10 | 10 | 69 | 64 |
| 60/ 59 | | .5 | .3 | | .3 | .4 | .1 | .2 | .1 | | | | | | | | | 19 | 19 | 62 | 66 |
| 58/ 57 | .2 | .3 | .1 | | .3 | .1 | .2 | | .1 | | | | | | | | | 13 | 13 | 60 | 68 |
| 56/ 55 | | .2 | | | .3 | | | | | | | | | | | | | 5 | 5 | 38 | 85 |
| 54/ 53 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 38 | 50 |
| 52/ 51 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 24 | 38 |
| 50/ 49 | .1 | .4 | | | | | | | | | | | | | | | | 5 | 5 | 29 | 40 |
| 48/ 47 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 20 | 30 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 9 | 32 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 3 | 29 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 27 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 21 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 18 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 19 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 10 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

 1200-1800 (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 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 13 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 13 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 7 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 6 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 3 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 5 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 6 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 3.5 | 5.1 | 6.6 | 10.7 | 11.1 | 11.2 | 11.5 | 11.2 | 10.2 | 8.4 | 4.9 | 3.2 | 1.6 | .1 | | .2 | 918 | 918 | 918 | 918 | 918 |

| Element (X) | $\Sigma_i^2$ | $\Sigma_i$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Hours No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 26812589 | 46077 | 50.2 | 8.928 | 918 | | | | | | | |
| Dry Bulb | 5817746 | 70100 | 76.4 | 8.406 | 918 | | | 81.9 | 65.6 | 36.3 | 1.1 | 93 |
| Wet Bulb | 3757798 | 58362 | 63.6 | 7.191 | 918 | | | 37.8 | 8.2 | | | 93 |
| Dew Point | 2881968 | 50060 | 54.5 | 1.580 | 918 | | 5.5 | 12.6 | .1 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 |
| 102/101 | | | | | | | | | | | | | | .1 | | | .2 | 3 | 3 | | |
| 100/ 99 | | | | | | | | | | | | | | .2 | | | .1 | 3 | 3 | | |
| 98/ 97 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | | | | | .3 | .4 | | | 7 | 7 | | |
| 94/ 93 | | | | | | | | | | | .1 | .2 | .7 | .1 | .1 | | | 11 | 11 | | |
| 92/ 91 | | | | | | | | | .2 | .2 | .4 | .3 | .4 | .6 | | | | 20 | 20 | | |
| 90/ 89 | | | | | | | | .2 | .3 | 1.8 | .8 | .6 | | .2 | | | | 35 | 35 | | |
| 88/ 87 | | | | | | | | .4 | 2.0 | 1.5 | .9 | .9 | .4 | .2 | .1 | | | 62 | 62 | | |
| 86/ 85 | | | | | | .1 | .9 | 1.7 | 1.5 | 2.4 | 2.0 | .7 | 1.0 | .9 | .1 | | | 102 | 102 | | |
| 84/ 83 | | | | | .1 | .6 | .7 | .9 | .9 | 1.9 | 1.1 | 1.2 | .8 | | | | | 73 | 73 | | |
| 82/ 81 | | | | .1 | .7 | .9 | .8 | 1.5 | 1.2 | 1.7 | 1.0 | .7 | 1.2 | | | | | 88 | 88 | | |
| 80/ 79 | | | | .4 | .8 | .9 | 1.3 | 1.4 | 1.8 | 1.0 | 1.1 | .7 | .1 | .4 | | | | 90 | 90 | | |
| 78/ 77 | | | | .1 | .4 | 1.0 | .4 | 2.5 | .7 | 1.2 | .9 | 1.0 | .2 | .8 | | | | 84 | 84 | | |
| 76/ 75 | | .1 | .1 | .6 | 1.1 | 1.8 | 1.1 | .8 | .6 | .7 | 1.1 | 1.0 | .1 | .1 | | | | 82 | 82 | 15 | |
| 74/ 73 | | .2 | .1 | .4 | 1.3 | 1.1 | .6 | .6 | .6 | .8 | .6 | .3 | .4 | | | | | 63 | 63 | 59 | 1 |
| 72/ 71 | | .3 | .1 | .2 | 1.0 | .3 | .6 | .4 | .1 | | | | .1 | | | | | 29 | 29 | 74 | 13 |
| 70/ 69 | | .1 | .8 | .1 | .6 | .2 | .3 | .2 | .1 | .6 | .7 | | | | | | | 33 | 33 | 91 | 35 |
| 68/ 67 | | .3 | .6 | .2 | 1.0 | .7 | .8 | | | .6 | .2 | | | | | | | 36 | 36 | 117 | 22 |
| 66/ 65 | | | .2 | .2 | .2 | | .2 | .2 | .3 | .6 | .2 | | | | | | | 20 | 20 | 114 | 51 |
| 64/ 63 | | | .3 | 1.0 | .1 | | .6 | .2 | .1 | .3 | | | | | | | | 24 | 24 | 89 | 66 |
| 62/ 61 | | .6 | .1 | | .1 | | | | .1 | .1 | | | | | | | | 9 | 9 | 85 | 77 |
| 60/ 59 | | .3 | | | .3 | .6 | | .1 | .1 | | | | | | | | | 13 | 13 | 72 | 67 |
| 58/ 57 | | .1 | | | .2 | .1 | .2 | | | | | | | | | | | 6 | 6 | 49 | 71 |
| 56/ 55 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 36 | 88 |
| 54/ 53 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 33 | 58 |
| 52/ 51 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 24 | 49 |
| 50/ 49 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 30 | 41 |
| 48/ 47 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 9 | 35 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 10 | 40 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | 31 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 24 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 23 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 22 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 13 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | Min. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 88 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

 1500-1700 (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 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 14 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 12 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 17 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 5 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 4 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 8 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 4 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 8 |
| TOTAL | | 3.6 | 2.4 | 3.4 | 7.9 | 8.1 | 8.0 | 11.6 | 10.6 | 15.2 | 11.0 | 7.5 | 5.5 | 4.1 | .8 | | .3 | 909 | 909 | 909 | 909 |

| 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. | 2134850 | 80782 | 88.9 | 8.321 | 909 | | | | | | | |
| Dry Bulb | 5670592 | 71360 | 78.5 | 8.689 | 909 | | | 88.1 | 79.1 | 46.7 | 2.6 | 93 |
| Wet Bulb | 3726837 | 57873 | 63.7 | 6.822 | 909 | | | 36.8 | 7.6 | | | 93 |
| Dew Point | 2687860 | 48370 | 53.2 | 11.208 | 909 | | 5.9 | 7.3 | .1 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 68-70,73-80 (YEARS) OCT (MONTH)

 1800-2000 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 | | | | |
| 98/ 97 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 92/ 91 | | | | | | | | | | | .1 | .1 | | .2 | | | | 4 | 4 | | |
| 90/ 89 | | | | | | | | | | .2 | .1 | .2 | | .1 | | | | 6 | 6 | | |
| 88/ 87 | | | | | | | | | .2 | .8 | .4 | .5 | .2 | | | | | 18 | 18 | | |
| 86/ 85 | | | | | | .1 | .1 | .4 | .9 | .6 | .8 | .2 | | .1 | | | | 24 | 24 | | |
| 84/ 83 | | | | | | .2 | | 1.3 | .9 | .7 | 1.1 | .4 | | .1 | | | | 40 | 40 | | |
| 82/ 81 | | | | | .4 | .1 | 1.2 | .9 | .8 | .9 | .2 | .4 | .1 | | | | | 43 | 43 | | |
| 80/ 79 | | | .1 | .6 | .8 | 1.4 | 1.1 | 1.5 | 1.5 | .5 | .6 | .6 | .1 | | | | | 75 | 75 | | |
| 78/ 77 | | .1 | .1 | .4 | 1.3 | 1.4 | .9 | 1.5 | .7 | 1.5 | .5 | .2 | .1 | | | | | 75 | 76 | | |
| 76/ 75 | | | .5 | .7 | 1.3 | 1.3 | 1.5 | 2.1 | .8 | .7 | .5 | | .1 | | | | | 81 | 81 | 4 | 1 |
| 74/ 73 | | .2 | .2 | 1.7 | 1.3 | 1.5 | 1.2 | .4 | .4 | 1.2 | .2 | .2 | .1 | | | | | 77 | 77 | 20 | 2 |
| 72/ 71 | | .2 | .5 | 1.3 | 1.2 | 1.3 | 1.1 | .9 | .6 | .7 | .4 | | | | | | | 69 | 69 | 32 | 6 |
| 70/ 69 | | .2 | .9 | .9 | 1.5 | .8 | 1.3 | 1.5 | .5 | .5 | .1 | .2 | | | | | | 73 | 73 | 79 | 25 |
| 68/ 67 | | .2 | .8 | 1.3 | 1.9 | .8 | 1.1 | .7 | .6 | .5 | .1 | | | | | | | 68 | 68 | 77 | 19 |
| 66/ 65 | | .4 | .6 | 1.4 | .6 | .9 | .8 | .2 | .5 | .4 | | | | | | | | 51 | 51 | 88 | 33 |
| 64/ 63 | | .6 | .6 | 1.1 | .4 | .5 | .4 | .2 | .9 | .6 | | | | | | | | 44 | 44 | 100 | 66 |
| 62/ 61 | | .8 | .2 | .6 | .2 | .8 | | .1 | .2 | .8 | | | | | | | | 25 | 25 | 95 | 68 |
| 60/ 59 | | .5 | .2 | .2 | .6 | .1 | .4 | .1 | .2 | | | | | | | | | 20 | 20 | 81 | 61 |
| 58/ 57 | | | | .1 | .4 | .1 | .2 | .1 | .8 | | | | | | | | | 11 | 11 | 62 | 76 |
| 56/ 55 | .1 | .2 | .5 | .1 | .1 | .2 | .5 | | | | | | | | | | | 15 | 15 | 59 | 72 |
| 54/ 53 | | .2 | | | .1 | .2 | | .1 | | | | | | | | | | 6 | 6 | 38 | 61 |
| 52/ 51 | | .1 | .6 | .1 | | .1 | | .1 | | | | | | | | | | 9 | 9 | 27 | 47 |
| 50/ 49 | | .4 | | .2 | | | | | | | | | | | | | | 5 | 5 | 27 | 49 |
| 48/ 47 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 20 | 43 |
| 46/ 45 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 18 | 51 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 14 | 24 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 32 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 20 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | 13 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 17 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 6 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 22 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 7 |

| 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 | ≤ 88 F | ≤ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 4 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 9 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 3 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 6 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 5 |
| 18/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 4.6 | 5.9 | 10.8 | 12.1 | 11.7 | 11.7 | 12.7 | 10.5 | 10.4 | 4.6 | 3.1 | .9 | .6 | | .1 | | 844 | 845 | 844 | 844 |

| Element (X) | $\Sigma_n X^2$ | $\Sigma_n X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 86 F | ≥ 93 F | Total |
| Dat. Num. | 2435883 | 88893 | 52.7 | 18.586 | 844 | | | | | | | |
| Dry Bulb | 8508005 | 41283 | 72.5 | 8.368 | 845 | | | 72.2 | 49.1 | 19.6 | .2 | 93 |
| Wet Bulb | 3199220 | 51618 | 61.2 | 7.127 | 844 | | | 23.8 | 2.6 | | | 93 |
| Dew Point | 2438080 | 88820 | 52.6 | 18.905 | 844 | | 6.3 | 5.8 | .3 | | | 93 |

USAETAC FORM JAN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 |
| 88/ 87 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | | | | | .1 | .1 | | | | | | | | 2 | 2 | | |
| 84/ 83 | | | | | | | .3 | .4 | | .1 | | | | | | | | 6 | 6 | | |
| 82/ 81 | | | | | | .3 | .1 | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | .3 | | .5 | .4 | .6 | .3 | | .5 | .5 | | | | | | | 24 | 24 | | |
| 78/ 77 | | .1 | .3 | .8 | .9 | 1.4 | 1.5 | .6 | .6 | | .1 | | | | | | | 50 | 50 | | |
| 76/ 75 | | | .5 | .5 | 1.4 | 1.7 | 1.3 | 1.0 | .4 | .3 | | | | | | | | 55 | 55 | 3 | 2 |
| 74/ 73 | | | 1.1 | 1.5 | .9 | 1.9 | 1.3 | .6 | .5 | | .1 | | | | | | | 63 | 63 | 4 | 1 |
| 72/ 71 | | .4 | 1.4 | 2.4 | 1.9 | 1.3 | 1.3 | 1.3 | .9 | .1 | | | | | | | | 86 | 86 | 25 | 3 |
| 70/ 69 | .3 | | 1.1 | 1.0 | 2.0 | 1.1 | .5 | 1.0 | .5 | .1 | | | | | | | | 61 | 61 | 36 | 17 |
| 68/ 67 | | .4 | 1.8 | .6 | 1.5 | 1.1 | .8 | .5 | .3 | .1 | | | | | | | | 56 | 56 | 64 | 19 |
| 66/ 65 | | 1.1 | 1.8 | 1.8 | 1.1 | .8 | 1.1 | .9 | .1 | | | | | | | | | 69 | 69 | 57 | 33 |
| 64/ 63 | | .9 | .8 | 4.5 | .4 | .9 | 1.1 | 1.0 | .1 | | | | | | | | | 76 | 76 | 83 | 54 |
| 62/ 61 | | .5 | 1.0 | 1.9 | 1.8 | .8 | .8 | .5 | .5 | | | | | | | | | 61 | 61 | 71 | 52 |
| 60/ 59 | | .9 | .9 | 1.3 | .8 | .3 | .5 | .4 | .4 | | | | | | | | | 42 | 42 | 77 | 61 |
| 58/ 57 | | 1.1 | .6 | .8 | .9 | .6 | .6 | .4 | .4 | | | | | | | | | 43 | 43 | 89 | 62 |
| 56/ 55 | | .3 | .5 | .5 | .3 | .5 | .4 | .3 | | | | | | | | | | 21 | 21 | 48 | 66 |
| 54/ 53 | | .3 | .6 | | .1 | .4 | .5 | .1 | | | | | | | | | | 16 | 16 | 63 | 66 |
| 52/ 51 | | .4 | .3 | .3 | .1 | .5 | | .1 | | | | | | | | | | 13 | 13 | 43 | 50 |
| 50/ 49 | | .8 | .3 | | .5 | .5 | .3 | | | | | | | | | | | 18 | 18 | 22 | 39 |
| 48/ 47 | | | .6 | .1 | | | | | | | | | | | | | | 6 | 6 | 26 | 39 |
| 46/ 45 | | .4 | .3 | | | .3 | .1 | | | | | | | | | | | 8 | 8 | 21 | 50 |
| 44/ 43 | | | .3 | .1 | | | | | | | | | | | | | | 3 | 3 | 25 | 29 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 13 | 24 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 6 | 25 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 4 | 17 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 12 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 11 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 13 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 12 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 7 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 8 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 |

| 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. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 6 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 7.5 | 14.4 | 18.1 | 15.2 | 14.7 | 13.2 | 9.5 | 5.0 | 1.4 | .8 | | | | | | | | 783 | 783 | 783 |
| | | | | | | | | | | | | | | | | | | | 783 | | 783 | |

| 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. | 3206281 | 48251 | 61.6 | 7.183 | 783 | | | | | | | |
| Dry Bulb | 3531673 | 52195 | 66.7 | 8.181 | 783 | | | 68.3 | 24.2 | 2.7 | | 93 |
| Wet Bulb | 2732257 | 45845 | 58.6 | 7.836 | 783 | | | 15.7 | .8 | | | 93 |
| Dew Point | 2216186 | 40769 | 52.1 | 10.888 | 783 | | 6.1 | 5.0 | .9 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 |
| 102/101 | | | | | | | | | | | | | | .0 | | | .0 | 4 | 4 | | |
| 100/ 99 | | | | | | | | | | | | | | .0 | | | .0 | 3 | 3 | | |
| 98/ 97 | | | | | | | | | | | | | .0 | .0 | | | .0 | 4 | 4 | | |
| 96/ 95 | | | | | | | | | | | .0 | | | .0 | .1 | | | 9 | 9 | | |
| 94/ 93 | | | | | | | | | | .0 | .0 | .0 | .1 | .0 | .0 | .0 | | 18 | 18 | | |
| 92/ 91 | | | | | | | | | .0 | .1 | .1 | .1 | .1 | .1 | | | | 32 | 32 | | |
| 90/ 89 | | | | | | | | .0 | .1 | .4 | .2 | .2 | .0 | .0 | | | | 60 | 60 | | |
| 88/ 87 | | | | | | | | .3 | .5 | .4 | .3 | .2 | .1 | .1 | .0 | | | 121 | 121 | | |
| 86/ 85 | | | | | | .1 | .3 | .5 | .6 | .7 | .5 | .2 | .2 | .2 | .0 | | | 210 | 210 | | |
| 84/ 83 | | | | | .1 | .2 | .4 | .6 | .4 | .5 | .4 | .3 | .2 | .0 | | | | 206 | 206 | | |
| 82/ 81 | | | | .1 | .3 | .4 | .6 | .6 | .5 | .5 | .3 | .2 | .3 | .0 | | | | 243 | 243 | | |
| 80/ 79 | | | .0 | .2 | .6 | 1.0 | .6 | .7 | .7 | .5 | .5 | .3 | .0 | .1 | | | | 331 | 331 | | |
| 78/ 77 | | .0 | .1 | .5 | .8 | 1.0 | .8 | 1.0 | .5 | .5 | .3 | .2 | .1 | .2 | | | | 393 | 394 | | |
| 76/ 75 | | .0 | .5 | .8 | 1.4 | 1.1 | .9 | .7 | .4 | .4 | .3 | .2 | .1 | .1 | | | | 440 | 440 | 39 | 3 |
| 74/ 73 | | .4 | 1.1 | 1.1 | 1.0 | 1.0 | .7 | .3 | .4 | .4 | .3 | .1 | .1 | | | | | 452 | 452 | 173 | 5 |
| 72/ 71 | .0 | .8 | 1.3 | 1.5 | 1.3 | .8 | .7 | .5 | .4 | .3 | .2 | .0 | .0 | | | | | 506 | 506 | 327 | 75 |
| 70/ 69 | .1 | 1.0 | 1.5 | 1.0 | 1.1 | .8 | .5 | .6 | .3 | .2 | .2 | .1 | | | | | | 486 | 486 | 486 | 232 |
| 68/ 67 | .1 | 1.0 | 2.0 | 1.0 | 1.3 | .9 | .7 | .3 | .3 | .3 | .1 | | | | | | | 527 | 527 | 636 | 299 |
| 66/ 65 | .0 | 1.2 | 1.6 | 1.6 | .9 | .5 | .5 | .3 | .2 | .3 | .0 | | | | | | | 459 | 459 | 595 | 361 |
| 64/ 63 | .1 | .8 | 1.2 | 1.8 | .6 | .4 | .5 | .4 | .3 | .2 | .0 | | | | | | | 396 | 396 | 649 | 496 |
| 62/ 61 | .1 | 1.3 | .9 | .8 | .6 | .4 | .4 | .2 | .2 | .1 | | | | | | | | 313 | 313 | 575 | 481 |
| 60/ 59 | .0 | 1.2 | 1.0 | .8 | .5 | .4 | .3 | .2 | .1 | | | | | | | | | 292 | 292 | 563 | 468 |
| 58/ 57 | .1 | .8 | .6 | .6 | .5 | .4 | .2 | .2 | .1 | | | | | | | | | 222 | 222 | 529 | 529 |
| 56/ 55 | .1 | .6 | .8 | .5 | .4 | .4 | .3 | .0 | | | | | | | | | | 197 | 197 | 370 | 561 |
| 54/ 53 | .1 | .6 | .3 | .3 | .3 | .3 | .2 | .0 | | | | | | | | | | 131 | 131 | 355 | 401 |
| 52/ 51 | .0 | .4 | .4 | .2 | .2 | .3 | .0 | .0 | | | | | | | | | | 107 | 107 | 282 | 349 |
| 50/ 49 | .1 | .7 | .4 | .2 | .4 | .1 | .0 | | | | | | | | | | | 115 | 115 | 239 | 350 |
| 48/ 47 | .0 | .3 | .4 | .1 | .2 | .0 | | .0 | | | | | | | | | | 69 | 69 | 196 | 264 |
| 46/ 45 | | .4 | .2 | .1 | .1 | .1 | .0 | | | | | | | | | | | 55 | 55 | 158 | 286 |
| 44/ 43 | | .0 | .2 | .0 | .1 | | | | | | | | | | | | | 20 | 20 | 124 | 184 |
| 42/ 41 | | .0 | .0 | .1 | | | | | | | | | | | | | | 9 | 9 | 75 | 222 |
| 40/ 39 | | .1 | .1 | .0 | .1 | | | | | | | | | | | | | 19 | 19 | 33 | 158 |
| 38/ 37 | | .1 | | .0 | .0 | | | | | | | | | | | | | 10 | 10 | 24 | 150 |
| 36/ 35 | | .1 | .0 | .0 | | | | | | | | | | | | | | 10 | 10 | 18 | 120 |

| 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 | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) OCT (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 |
| 34/ 33 | | .0 | .0 | | | | | | | | | | | | | | | 3 | 3 | 9 | 88 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 13 | 121 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 4 | 94 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 42 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 48 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 19 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 22 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 34 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 6 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 3 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .9 | 12.0 | 14.7 | 13.1 | 12.7 | 10.5 | 8.5 | 7.6 | 5.9 | 5.8 | 3.7 | 2.2 | 1.3 | .9 | .1 | .0 | .1 | | 6473 | | 6472 |
| | | | | | | | | | | | | | | | | | | 6472 | | 6472 | |

| 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. | 26670580 | 393300 | 60.8 | 20.690 | 6472 | | | | | | | |
| Dry Bulb | 31810271 | 448741 | 69.3 | 10.409 | 6473 | | | 465.0 | 290.5 | 124.5 | 4.4 | 744 |
| Wet Bulb | 23918160 | 389808 | 60.2 | 8.246 | 6472 | | 2.0 | 190.9 | 24.4 | | | 744 |
| Dew Point | 19262170 | 345626 | 53.4 | 1.151 | 6472 | | 88.8 | 70.6 | .9 | | | 744 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,75-80 (YEARS) NOV (MONTH)

 0000-0200 (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 | | | | | |
| 74/ 73 | | | .2 | | | | | | | | | | | | | | | | 1 | 1 | | |
| 72/ 71 | | .2 | 1.0 | | .2 | | | | | | .2 | | | | | | | | 9 | 9 | | |
| 70/ 69 | | | 1.8 | | .2 | | | | | | | | | | | | | | 12 | 12 | 5 | |
| 68/ 67 | | .7 | 2.2 | .2 | .2 | | .3 | | | .2 | | | | | | | | | 22 | 22 | 8 | 7 |
| 66/ 65 | | .7 | 1.8 | .8 | .2 | .3 | .5 | .2 | | | | | | | | | | | 27 | 27 | 15 | 7 |
| 64/ 63 | | | 2.2 | 1.8 | .5 | | .5 | | .3 | | | | | | | | | | 32 | 32 | 16 | 18 |
| 62/ 61 | | 1.2 | 2.0 | .8 | 1.0 | .5 | | | | | | | | | | | | | 33 | 33 | 17 | 10 |
| 60/ 59 | | 2.0 | 1.5 | 1.7 | .8 | .7 | .2 | .2 | | | | | | | | | | | 42 | 42 | 29 | 17 |
| 58/ 57 | | 2.3 | 2.2 | .7 | .8 | .7 | .7 | .3 | | | | | | | | | | | 46 | 46 | 37 | 25 |
| 56/ 55 | | 3.2 | 1.7 | 1.3 | 1.5 | .8 | 1.2 | | | | | | | | | | | | 58 | 58 | 34 | 36 |
| 54/ 53 | .7 | .5 | 1.7 | 1.5 | .5 | .8 | .8 | | | | | | | | | | | | 39 | 39 | 57 | 30 |
| 52/ 51 | | 1.2 | 2.2 | 2.0 | .8 | .3 | .5 | | | | | | | | | | | | 42 | 42 | 24 | 30 |
| 50/ 49 | | 1.7 | 3.0 | .5 | 1.3 | .2 | .2 | | | | | | | | | | | | 41 | 41 | 44 | 28 |
| 48/ 47 | | 1.5 | 2.0 | 1.5 | .7 | .8 | | | | | | | | | | | | | 39 | 39 | 48 | 29 |
| 46/ 45 | .2 | 2.0 | 2.2 | 1.2 | .7 | .2 | | | | | | | | | | | | | 38 | 38 | 49 | 35 |
| 44/ 43 | | 1.0 | 1.5 | .5 | .7 | .3 | | | | | | | | | | | | | 24 | 24 | 45 | 47 |
| 42/ 41 | | .7 | .3 | .7 | .5 | .5 | | | | | | | | | | | | | 16 | 16 | 44 | 38 |
| 40/ 39 | | .3 | 2.0 | .3 | .5 | | | | | | | | | | | | | | 19 | 19 | 21 | 31 |
| 38/ 37 | .3 | .7 | .5 | 1.0 | | | | | | | | | | | | | | | 15 | 15 | 25 | 27 |
| 36/ 35 | | .5 | 1.5 | 1.3 | .2 | | | | | | | | | | | | | | 21 | 21 | 16 | 25 |
| 34/ 33 | | .5 | .3 | .8 | .5 | | | | | | | | | | | | | | 13 | 13 | 19 | 24 |
| 32/ 31 | | | .3 | .3 | | | | | | | | | | | | | | | 4 | 4 | 18 | 35 |
| 30/ 29 | | | .5 | .2 | | | | | | | | | | | | | | | 4 | 4 | 12 | 15 |
| 28/ 27 | | .5 | .2 | | | | | | | | | | | | | | | | 4 | 4 | 7 | 16 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 11 | 16 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 7 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 15 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 14 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 8 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.2 | 21.1 | 34.6 | 19.1 | 11.6 | 6.2 | 4.8 | .7 | .3 | .2 | .2 | | | | | | | | 601 | 601 | | 601 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3160160 | 42410 | 70.6 | 16.707 | 601 | | | | | | | |
| Dry Bulb | 1725626 | 31660 | 52.7 | 9.816 | 601 | | 1.8 | 6.6 | .1 | | | 90 |
| Wet Bulb | 1439628 | 28806 | 47.9 | 9.912 | 601 | | 7.2 | 1.9 | | | | 90 |
| Dew Point | 1189956 | 25650 | 42.7 | 12.599 | 601 | | 20.5 | 1.0 | | | | 90 |

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,75-80 (YEARS) NOV (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 | | | | |
| 74/ 73 | | .2 | .2 | | | | | | | | | | | | | | | 2 | 2 | | |
| 72/ 71 | | | .9 | | | | | | | | | | | | | | | 5 | 5 | 1 | |
| 70/ 69 | | .2 | 1.9 | .3 | | | | | | | | | | | | | | 14 | 14 | 2 | 2 |
| 68/ 67 | | .5 | 2.4 | | | | | | | | | | | | | | | 17 | 17 | 8 | 1 |
| 66/ 65 | | 1.0 | 1.7 | .5 | | | .7 | | | | | | | | | | | 23 | 23 | 22 | 13 |
| 64/ 63 | .2 | 1.7 | 1.4 | 1.0 | | .3 | | | | .2 | .2 | | | | | | | 29 | 29 | 17 | 27 |
| 62/ 61 | | .9 | 1.7 | .3 | .3 | | .3 | | .2 | | | | | | | | | 22 | 22 | 20 | 9 |
| 60/ 59 | .2 | 2.1 | .7 | 1.0 | | 1.2 | | .3 | .2 | | | | | | | | | 33 | 33 | 24 | 17 |
| 58/ 57 | | 2.6 | 1.4 | .9 | .3 | .5 | | .2 | | | | | | | | | | 34 | 34 | 20 | 26 |
| 56/ 55 | .2 | 3.5 | 2.1 | 1.2 | 1.0 | .5 | .3 | | | | | | | | | | | 51 | 51 | 27 | 26 |
| 54/ 53 | .7 | 1.2 | .9 | 1.4 | .3 | .9 | .2 | | | | | | | | | | | 32 | 32 | 40 | 21 |
| 52/ 51 | | 1.9 | 1.4 | .5 | .9 | .9 | .3 | | | | | | | | | | | 34 | 34 | 28 | 24 |
| 50/ 49 | .2 | 1.9 | 3.0 | 1.7 | .9 | .7 | .2 | | | | | | | | | | | 49 | 49 | 38 | 33 |
| 48/ 47 | .3 | 3.6 | 1.6 | 1.0 | .2 | .3 | | | | | | | | | | | | 41 | 41 | 39 | 16 |
| 46/ 45 | .2 | 2.1 | 1.4 | 1.9 | | .3 | | | | | | | | | | | | 34 | 34 | 53 | 36 |
| 44/ 43 | | 2.3 | 2.6 | .9 | .5 | | | | | | | | | | | | | 36 | 36 | 47 | 39 |
| 42/ 41 | | 1.4 | 1.7 | 1.0 | .5 | .2 | | | | | | | | | | | | 28 | 28 | 37 | 35 |
| 40/ 39 | .2 | .7 | 1.2 | .3 | .2 | .2 | | | | | | | | | | | | 16 | 16 | 33 | 30 |
| 38/ 37 | | 1.0 | .7 | .7 | .7 | | | | | | | | | | | | | 18 | 18 | 21 | 32 |
| 36/ 35 | | .3 | 1.2 | .9 | | | | | | | | | | | | | | 14 | 14 | 25 | 29 |
| 34/ 33 | .2 | .5 | 1.4 | .9 | .2 | | | | | | | | | | | | | 18 | 18 | 12 | 29 |
| 32/ 31 | .2 | .5 | .3 | .5 | | | | | | | | | | | | | | 9 | 9 | 19 | 25 |
| 30/ 29 | | | .5 | .5 | | | | | | | | | | | | | | 6 | 6 | 19 | 19 |
| 28/ 27 | | .2 | .3 | | | | | | | | | | | | | | | 3 | 3 | 5 | 13 |
| 26/ 25 | | 1.0 | | | | | | | | | | | | | | | | 6 | 6 | 12 | 16 |
| 24/ 23 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 5 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 11 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 15 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 10 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 7 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 7 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) (JUN 77) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,75-80 (YEARS) NOV (MONTH)

 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 |
| TOTAL | 2.4 | 31.8 | 32.6 | 17.7 | 6.1 | 6.1 | 2.1 | .5 | .3 | .2 | .2 | | | | | | | | 576 | 576 | 576 | 576 |

| 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 |
| Ref. Num. | 3303214 | 42542 | 73.9 | 16.742 | 576 | | | | | | | |
| Dry Bulb | 1558404 | 29348 | 51.0 | 10.474 | 576 | | 4.1 | 5.9 | .3 | | | 90 |
| Wet Bulb | 1332399 | 27023 | 46.9 | 10.601 | 576 | | 9.7 | 1.7 | | | | 90 |
| Dew Point | 1129263 | 24349 | 42.3 | 13.186 | 576 | | 20.5 | .5 | | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

T22615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

 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 |
| 74/ 73 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | | |
| 72/ 71 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | |
| 70/ 69 | | .1 | 1.1 | .2 | | | | | | | | | | | | | | 12 | 12 | 1 | 3 |
| 68/ 67 | | 1.2 | 2.0 | | | | | | | | | | | | | | | 27 | 27 | 5 | |
| 66/ 65 | | 2.0 | 1.0 | .5 | | .1 | .2 | | | | | | | | | | | 32 | 32 | 33 | 18 |
| 64/ 63 | .1 | 2.1 | .8 | .2 | .2 | .2 | .1 | | | | | | | | | | | 33 | 33 | 35 | 33 |
| 62/ 61 | .4 | 3.3 | 1.7 | .2 | .2 | | | .1 | | .1 | | | | | | | | 51 | 51 | 27 | 36 |
| 60/ 59 | | 3.5 | .5 | 1.0 | .2 | .4 | | | | | | | | | | | | 46 | 46 | 42 | 22 |
| 58/ 57 | | 3.1 | .4 | 1.0 | .2 | .1 | .1 | .6 | .1 | | | | | | | | | 47 | 47 | 38 | 42 |
| 56/ 55 | .6 | 3.9 | 1.8 | .2 | .8 | .1 | .1 | .6 | | | | | | | | | | 69 | 69 | 49 | 48 |
| 54/ 53 | .5 | 1.8 | 2.0 | 1.0 | .7 | .2 | | .2 | | | | | | | | | | 54 | 54 | 45 | 34 |
| 52/ 51 | .6 | 2.4 | 2.4 | .7 | .5 | .7 | .1 | | | | | | | | | | | 62 | 62 | 53 | 40 |
| 50/ 49 | .1 | 1.9 | 2.9 | 1.7 | .4 | .7 | | | | | | | | | | | | 64 | 64 | 38 | 42 |
| 48/ 47 | .1 | 2.3 | 2.3 | 1.4 | .4 | .4 | | | | | | | | | | | | 57 | 57 | 58 | 36 |
| 46/ 45 | .4 | 1.2 | 2.5 | 1.0 | .4 | .7 | | | | | | | | | | | | 51 | 51 | 63 | 35 |
| 44/ 43 | .1 | 1.7 | 1.2 | .5 | .1 | .2 | | | | | | | | | | | | 32 | 32 | 57 | 50 |
| 42/ 41 | | 2.0 | 1.3 | 1.4 | .2 | | | | | | | | | | | | | 42 | 42 | 57 | 39 |
| 40/ 39 | .1 | 1.1 | 2.3 | 1.1 | .1 | .4 | | | | | | | | | | | | 42 | 42 | 44 | 48 |
| 38/ 37 | .1 | 1.5 | 1.2 | .4 | | .4 | | | | | | | | | | | | 30 | 30 | 37 | 37 |
| 36/ 35 | | .7 | .7 | .4 | .5 | | | | | | | | | | | | | 19 | 19 | 42 | 35 |
| 34/ 33 | .1 | .6 | 1.1 | .4 | | | | | | | | | | | | | | 18 | 18 | 32 | 36 |
| 32/ 31 | .2 | .5 | 1.0 | .5 | | | | | | | | | | | | | | 18 | 18 | 16 | 42 |
| 30/ 29 | | .2 | .7 | .6 | | | | | | | | | | | | | | 13 | 13 | 22 | 24 |
| 28/ 27 | | .6 | .2 | .1 | | | | | | | | | | | | | | 8 | 8 | 15 | 30 |
| 26/ 25 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 16 | 30 |
| 24/ 23 | | .6 | .1 | | | | | | | | | | | | | | | 6 | 6 | 8 | 10 |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 16 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 15 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 14 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 7 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 9 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 90 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB Tx (STATION NAME) 69-70,73-80 (YEARS) NOV (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 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.5 | 38.9 | 31.2 | 14.3 | 5.0 | 4.6 | .7 | 1.5 | .1 | .1 | | | | | | | | 840 | 840 | 840 | 840 |

| 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 | ≤ 88 F | ≤ 93 F | Total |
| Rel. Hum. | 5136575 | 64127 | 76.3 | 16.949 | 840 | | | | | | | |
| Dry Bulb | 2233252 | 42420 | 50.5 | 10.417 | 840 | | 5.1 | 4.6 | .3 | | | 90 |
| Wet Bulb | 1949456 | 39432 | 46.9 | 10.830 | 840 | | 8.8 | .9 | | | | 90 |
| Dew Point | 1688760 | 35888 | 42.7 | 13.613 | 840 | | 22.1 | .3 | | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70,73-80 NOV
STATION STATION NAME YEARS 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 |
| 82/ 81 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | | | .1 | | | .1 | .3 | .1 | .2 | .1 | | | | | | | 9 | 9 | | |
| 76/ 75 | | | .1 | .2 | .1 | .3 | | .1 | | | .1 | .1 | | | | | | 10 | 10 | | |
| 74/ 73 | | | .3 | .6 | | .1 | .2 | .1 | .1 | .1 | | .1 | | | | | | 15 | 15 | | |
| 72/ 71 | | .2 | .6 | .7 | .2 | .2 | .1 | .2 | .2 | .1 | .2 | | | | | | | 25 | 25 | 2 | |
| 70/ 69 | | .2 | 2.8 | 1.2 | .7 | .2 | .7 | | .1 | | | | | | | | | 51 | 51 | 12 | 3 |
| 68/ 67 | | .7 | 2.7 | .8 | .8 | .5 | .7 | .1 | .3 | .1 | | | | | | | | 58 | 58 | 14 | 7 |
| 66/ 65 | .1 | 2.0 | 1.8 | 1.2 | .7 | .6 | .1 | .8 | .5 | .3 | | | | | | | | 70 | 70 | 52 | 27 |
| 64/ 63 | .1 | 2.2 | 1.6 | .7 | 1.4 | .8 | .6 | 1.0 | .6 | .1 | .1 | | | | | | | 80 | 80 | 51 | 47 |
| 62/ 61 | .5 | 2.2 | .9 | .5 | .7 | 1.2 | .2 | .6 | .3 | .2 | | | | | | | | 63 | 63 | 63 | 42 |
| 60/ 59 | .1 | 1.6 | 1.4 | .7 | .9 | .9 | 1.0 | .7 | .1 | .2 | | | | | | | | 67 | 67 | 50 | 51 |
| 58/ 57 | | 2.0 | 1.5 | .7 | .7 | 1.0 | .7 | .3 | .3 | .1 | | | | | | | | 64 | 64 | 55 | 36 |
| 56/ 55 | .1 | 1.5 | 1.4 | 1.3 | 1.5 | 1.0 | .5 | .3 | .5 | | | | | | | | | 70 | 70 | 55 | 50 |
| 54/ 53 | .5 | 1.3 | .6 | 1.8 | 1.4 | .6 | 1.3 | .2 | | | | | | | | | | 66 | 66 | 71 | 40 |
| 52/ 51 | | .6 | .6 | .8 | 1.0 | 1.2 | .9 | | | | | | | | | | | 44 | 44 | 56 | 47 |
| 50/ 49 | | 1.2 | .7 | .3 | .7 | .8 | .8 | .1 | | | | | | | | | | 40 | 40 | 50 | 28 |
| 48/ 47 | | .7 | .5 | .7 | .7 | .3 | .1 | .1 | | | | | | | | | | 27 | 27 | 72 | 41 |
| 46/ 45 | | .5 | .5 | .8 | .8 | .6 | .6 | | | | | | | | | | | 32 | 32 | 48 | 48 |
| 44/ 43 | .2 | .5 | .5 | .7 | .9 | .5 | .6 | | | | | | | | | | | 33 | 33 | 43 | 38 |
| 42/ 41 | | .3 | .2 | .2 | .1 | .1 | .1 | | | | | | | | | | | 10 | 10 | 52 | 41 |
| 40/ 39 | | .5 | | .2 | .2 | .1 | .1 | | | | | | | | | | | 10 | 10 | 36 | 32 |
| 38/ 37 | | .3 | .1 | .2 | .1 | .1 | | | | | | | | | | | | 8 | 8 | 28 | 34 |
| 36/ 35 | | .1 | .2 | | .3 | | | | | | | | | | | | | 6 | 6 | 19 | 34 |
| 34/ 33 | | .1 | | .1 | .1 | | | | | | | | | | | | | 3 | 3 | 12 | 34 |
| 32/ 31 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | 12 | 39 |
| 30/ 29 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 7 | 22 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 2 | 27 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 5 | 21 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 10 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 13 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 15 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 11 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 6 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 4 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) NOV (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 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 10 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.6 | 18.6 | 19.1 | 14.9 | 14.2 | 11.2 | 9.6 | 5.2 | 3.2 | 1.6 | .6 | .2 | | | | | | 867 | 867 | 867 | 867 | 867 |

| 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. | 3952100 | 55492 | 64.0 | 21.501 | 867 | | | | | | | |
| Dry Bulb | 3013689 | 50487 | 58.2 | 9.215 | 867 | | .5 | 17.5 | 3.6 | .1 | | 90 |
| Wet Bulb | 2391911 | 44759 | 51.6 | 9.684 | 867 | | 2.7 | 2.9 | | | | 90 |
| Dew Point | 1899558 | 38668 | 44.6 | 9.219 | 867 | | 19.4 | 1.0 | | | | 90 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) NOV (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 |
| 90/ 89 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 88/ 87 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 86/ 85 | | | | | | | | .1 | | .2 | .1 | .1 | .1 | .1 | | | | 7 | 7 | | |
| 84/ 83 | | | | | | .1 | | | .1 | .3 | .4 | .3 | | | .1 | | | 13 | 13 | | |
| 82/ 81 | | | | | | .1 | .1 | .1 | .3 | .4 | .6 | .2 | .2 | .4 | | | | 23 | 23 | | |
| 80/ 79 | | | | .1 | | 1.0 | .3 | .7 | .2 | .2 | | .2 | .3 | | | | | 28 | 28 | | |
| 78/ 77 | | | | .2 | .4 | 1.0 | .3 | .8 | .3 | .2 | .4 | .4 | .3 | | | | | 41 | 41 | | |
| 76/ 75 | | | .1 | .4 | 1.2 | .8 | .6 | .2 | .6 | .4 | .7 | .7 | | | | | | 51 | 51 | | |
| 74/ 73 | | | .3 | 1.2 | 1.0 | 1.2 | .6 | .6 | .9 | .7 | .3 | .3 | | | | | | 64 | 64 | 2 | |
| 72/ 71 | | | 1.0 | 1.3 | 1.3 | .8 | .9 | 1.2 | .9 | .9 | .6 | .3 | | | | | | 83 | 83 | 8 | 1 |
| 70/ 69 | | | 1.1 | 1.1 | 1.3 | .4 | 1.5 | .9 | .6 | .6 | .2 | .2 | | | | | | 71 | 71 | 22 | 4 |
| 68/ 67 | | .2 | 1.3 | 1.3 | 1.2 | .9 | 1.0 | .6 | 1.1 | .8 | .3 | .2 | | | | | | 81 | 81 | 54 | 9 |
| 66/ 65 | | .6 | .3 | .7 | .2 | .7 | 1.2 | .4 | .7 | .3 | .3 | | | | | | | 49 | 49 | 71 | 19 |
| 64/ 63 | | .3 | .4 | .6 | .4 | 1.1 | .7 | .8 | .7 | .3 | .3 | | | | | | | 51 | 51 | 67 | 57 |
| 62/ 61 | .1 | .2 | .4 | .4 | .3 | .9 | .2 | .7 | .8 | .6 | .2 | | | | | | | 44 | 44 | 51 | 40 |
| 60/ 59 | | .4 | .9 | .7 | 1.0 | .6 | .9 | .4 | .7 | .6 | | | | | | | | 55 | 55 | 50 | 51 |
| 58/ 57 | | .8 | .8 | .1 | .2 | 1.0 | .7 | 1.5 | .6 | | | | | | | | | 50 | 50 | 89 | 30 |
| 56/ 55 | | .9 | .4 | .1 | .8 | .6 | 1.2 | 1.1 | .3 | | | | | | | | | 49 | 49 | 68 | 60 |
| 54/ 53 | | .3 | .1 | .3 | .4 | .2 | .1 | .6 | .3 | | | | | | | | | 22 | 22 | 78 | 41 |
| 52/ 51 | | .6 | .2 | .3 | .3 | .1 | .2 | .6 | .4 | | | | | | | | | 25 | 25 | 39 | 30 |
| 50/ 49 | | .8 | .6 | .2 | .2 | .1 | .3 | .7 | | | | | | | | | | 26 | 26 | 51 | 48 |
| 48/ 47 | | .3 | .3 | .2 | .6 | .3 | .2 | .4 | | | | | | | | | | 22 | 22 | 49 | 42 |
| 46/ 45 | | .2 | .1 | | .2 | .2 | .1 | .1 | | | | | | | | | | 9 | 9 | 50 | 48 |
| 44/ 43 | .1 | .4 | .3 | | | | | | | | | | | | | | | 8 | 8 | 46 | 36 |
| 42/ 41 | | .1 | | | | .2 | .1 | | | | | | | | | | | 4 | 4 | 31 | 43 |
| 40/ 39 | | .6 | | | .1 | | | | | | | | | | | | | 6 | 6 | 16 | 39 |
| 38/ 37 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 23 | 30 |
| 36/ 35 | | | .1 | | .2 | | | | | | | | | | | | | 3 | 3 | 12 | 40 |
| 34/ 33 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 7 | 37 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 4 | 27 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 26 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 2 | 20 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 24 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 7 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 69-70,73-80 YEARS | NOV MONTH

PAGE 2 | ~~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 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 13 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 17 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 15 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 5 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 7 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 7 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 6 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .2 | 7.0 | 9.3 | 9.5 | 11.9 | 12.5 | 11.3 | 12.5 | 9.5 | 6.6 | 4.6 | 3.1 | 1.0 | .6 | .3 | | | | 891 | | 891 |
| | | | | | | | | | | | | | | | | | | 891 | | 891 | |

| 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. | 2785039 | 45511 | 51.1 | 21.738 | 891 | | | | | | | |
| Dry Bulb | 3901464 | 58262 | 65.4 | 10.153 | 891 | | | 86.9 | 23.1 | 6.1 | | 90 |
| Wet Bulb | 2783377 | 48751 | 54.7 | 9.239 | 891 | | .7 | 8.7 | .2 | | | 90 |
| Dew Point | 1989186 | 39578 | 44.4 | 8.862 | 891 | | 18.8 | 1.2 | | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 69-70,73-80 YEARS | NOV MONTH

PAGE 1 | 1500-1700 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 | | | | | |
| 92/ 91 | | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | | | | | | .2 | | .3 | | | | 5 | 5 | | |
| 88/ 87 | | | | | | | | | | .1 | .1 | .2 | | | | .3 | | | 7 | 7 | | |
| 86/ 85 | | | | | | | | | .1 | | .4 | .1 | .2 | .3 | .3 | .2 | | | 16 | 16 | | |
| 84/ 83 | | | | | | | | .1 | .1 | .1 | .3 | .7 | .1 | | .4 | | | | 17 | 17 | | |
| 82/ 81 | | | | | | .3 | .6 | 1.3 | .7 | .3 | .1 | .2 | .1 | .4 | | | | | 37 | 37 | | |
| 80/ 79 | | | | | .1 | .3 | 1.0 | 1.3 | .8 | .6 | .3 | .6 | .4 | .7 | | | | | 55 | 55 | | |
| 78/ 77 | | | | .7 | .3 | 1.9 | .7 | 1.3 | .8 | .9 | .7 | .6 | 1.1 | | | | | | 80 | 80 | | |
| 76/ 75 | | | | | .9 | 2.0 | 1.3 | .9 | .8 | .7 | 1.0 | .2 | | | | | | | 70 | 70 | | |
| 74/ 73 | | | | .7 | .8 | .7 | .4 | 1.6 | 2.5 | .6 | .7 | .4 | .2 | | | | | | 76 | 76 | | |
| 72/ 71 | | .2 | .1 | .4 | 1.0 | .7 | 1.2 | 1.7 | 1.2 | .6 | .1 | 1.1 | | | | | | | 75 | 75 | 13 | |
| 70/ 69 | | | 1.1 | .2 | .6 | .6 | .6 | .8 | 1.0 | .8 | .3 | .2 | .1 | | | | | | 53 | 53 | 21 | 4 |
| 68/ 67 | | | .1 | .2 | .6 | .6 | 1.5 | .2 | .6 | .8 | .6 | .1 | | | | | | | 46 | 46 | 69 | 11 |
| 66/ 65 | | | .1 | .8 | | .6 | .9 | .9 | .2 | .6 | .7 | | | | | | | | 42 | 42 | 65 | 10 |
| 64/ 63 | | | .9 | .6 | .1 | .3 | .6 | .7 | 1.1 | .3 | .9 | .1 | | | | | | | 50 | 50 | 60 | 28 |
| 62/ 61 | | | .1 | .1 | .3 | 1.3 | .4 | .4 | .2 | | .3 | | | | | | | | 30 | 30 | 43 | 53 |
| 60/ 59 | | .6 | .7 | .2 | .1 | .3 | .4 | 1.6 | 1.7 | .2 | | | | | | | | | 52 | 52 | 77 | 42 |
| 58/ 57 | | .9 | .6 | | .2 | .2 | .8 | .8 | 1.0 | | | | | | | | | | 40 | 40 | 86 | 42 |
| 56/ 55 | | .7 | | .4 | .6 | .6 | .3 | .4 | .3 | .1 | | | | | | | | | 31 | 31 | 84 | 43 |
| 54/ 53 | .1 | .9 | | .1 | | .2 | .2 | | .7 | | | | | | | | | | 20 | 20 | 73 | 47 |
| 52/ 51 | | | .7 | .1 | .1 | | .3 | .7 | .9 | | | | | | | | | | 25 | 25 | 35 | 38 |
| 50/ 49 | | .3 | .8 | .1 | .4 | .3 | .4 | .3 | | | | | | | | | | | 25 | 25 | 44 | 40 |
| 48/ 47 | .2 | .2 | .1 | .1 | .1 | | | | | | | | | | | | | | 7 | 7 | 52 | 43 |
| 46/ 45 | | | .8 | .2 | .2 | | .1 | | | | | | | | | | | | 9 | 9 | 52 | 56 |
| 44/ 43 | | .3 | | | | .2 | | | | | | | | | | | | | 5 | 5 | 36 | 43 |
| 42/ 41 | | .8 | | | | | | | | | | | | | | | | | 4 | 4 | 22 | 46 |
| 40/ 39 | | .4 | | .3 | | | | | | | | | | | | | | | 7 | 7 | 24 | 39 |
| 38/ 37 | | .3 | | | .2 | | | | | | | | | | | | | | 5 | 5 | 14 | 33 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 12 | 27 |
| 34/ 33 | | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 6 | 25 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 43 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 | 36 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | 21 |

| Element (X) | $\bar{X}_{wb}$ | $\bar{X}_{ss}$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 69-70,73-80 YEARS | NOV MONTH

 1500-1700 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 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 9 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 18 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 8 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 20 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 14 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 8 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 8 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | .3 | 5.4 | 5.7 | 5.5 | 6.7 | 11.2 | 11.9 | 15.2 | 14.7 | 6.3 | 6.6 | 4.7 | 2.6 | 1.5 | 1.1 | .6 | | | 891 | | 891 |
| | | | | | | | | | | | | | | | | | | 891 | | 891 | |

| 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 | ≤ 92 F | Total |
| Rel. Hum. | 2226261 | 40839 | 45.8 | 20.957 | 891 | | | | | | | |
| Dry Bulb | 2229662 | 40840 | 68.1 | 10.737 | 891 | | | 58.3 | 36.8 | 11.0 | | 90 |
| Wet Bulb | 2802293 | 49327 | 55.4 | 8.962 | 891 | | .3 | 10.8 | | | | 90 |
| Dew Point | 1855940 | 38662 | 43.4 | 8.155 | 891 | | 22.3 | 1.5 | | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) NOV (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 |
| 82/ 81 | | | | | | | | | | | | .1 | | .1 | | | | 2 | 2 | | |
| 80/ 79 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | | | .1 | | .2 | .7 | .1 | .1 | .4 | .2 | .4 | | | | | | 19 | 19 | | |
| 76/ 75 | | | | .1 | .5 | .9 | .6 | .4 | .5 | .2 | .2 | | .2 | | | | | 30 | 30 | | |
| 74/ 73 | | | | .4 | .6 | 1.0 | .6 | .2 | .1 | .2 | .1 | .1 | | | | | | 28 | 28 | | |
| 72/ 71 | | | .7 | 1.1 | 1.3 | 1.0 | .9 | 1.0 | .4 | .2 | .4 | | | | | | | 57 | 57 | 1 | |
| 70/ 69 | | .1 | 1.5 | 1.2 | 1.5 | 1.1 | .9 | 1.0 | .2 | .4 | 1.1 | | | | | | | 73 | 73 | 3 | |
| 68/ 67 | | .1 | 1.3 | 1.6 | 1.1 | .9 | 1.8 | 1.1 | .5 | .4 | .1 | | | | | | | 73 | 73 | 23 | 4 |
| 66/ 65 | | .1 | .6 | .9 | 1.1 | 1.2 | 1.1 | .4 | .5 | .2 | .1 | .1 | | | | | | 52 | 52 | 43 | 8 |
| 64/ 63 | | .4 | .9 | .5 | 1.8 | 1.3 | .5 | .9 | .6 | .2 | | | | | | | | 58 | 58 | 52 | 27 |
| 62/ 61 | | .7 | .9 | .5 | 1.3 | 1.6 | 1.0 | .7 | .4 | .1 | | | | | | | | 59 | 59 | 43 | 32 |
| 60/ 59 | | .6 | .9 | 1.6 | 1.0 | .7 | .1 | .6 | .2 | .1 | | | | | | | | 48 | 48 | 57 | 33 |
| 58/ 57 | | 1.2 | 1.0 | 1.2 | 1.1 | .5 | 1.3 | 1.2 | .4 | | | | | | | | | 65 | 65 | 59 | 46 |
| 56/ 55 | | .6 | | 1.1 | .6 | .7 | 1.2 | .4 | .1 | | | | | | | | | 39 | 39 | 82 | 38 |
| 54/ 53 | .4 | .7 | .1 | 1.6 | 1.1 | .9 | .5 | .6 | | | | | | | | | | 48 | 48 | 71 | 47 |
| 52/ 51 | | .1 | .2 | 1.0 | .5 | .6 | 1.1 | .4 | | | | | | | | | | 32 | 32 | 57 | 38 |
| 50/ 49 | | .4 | 1.1 | .5 | 1.0 | 1.0 | 1.0 | .2 | | | | | | | | | | 42 | 42 | 47 | 48 |
| 48/ 47 | | .6 | .2 | .2 | .4 | .4 | .5 | .2 | | | | | | | | | | 21 | 21 | 48 | 38 |
| 46/ 45 | | .4 | .4 | .7 | .2 | .5 | .5 | | | | | | | | | | | 22 | 22 | 56 | 55 |
| 44/ 43 | | .6 | .1 | .4 | .5 | .1 | .5 | | | | | | | | | | | 18 | 18 | 40 | 42 |
| 42/ 41 | .1 | .4 | .2 | .1 | .2 | .2 | | | | | | | | | | | | 11 | 11 | 38 | 48 |
| 40/ 39 | | .7 | | .1 | .2 | .2 | | | | | | | | | | | | 11 | 11 | 35 | 44 |
| 38/ 37 | | .1 | .2 | .1 | .1 | | | | | | | | | | | | | 5 | 5 | 23 | 33 |
| 36/ 35 | | .2 | | .1 | | | | | | | | | | | | | | 3 | 3 | 14 | 24 |
| 34/ 33 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 15 | 26 |
| 32/ 31 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 6 | 42 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 4 | 28 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 | 21 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 17 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 17 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 9 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 21 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 15 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 3 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

PAGE 2 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 |
| 14/ 11 | | | | | | | | | | | | | | | | | | | | | 5 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 10 |
| 5/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .5 | 8.2 | 10.4 | 15.5 | 16.2 | 15.0 | 14.8 | 9.4 | 4.1 | 2.6 | 2.3 | .7 | .2 | .1 | | | | | 820 | | 820 |
| | | | | | | | | | | | | | | | | | | 820 | | 820 | |

| 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. | 2841203 | 85525 | 55.5 | 9.572 | 820 | | | | | | | |
| Dry Bulb | 3119912 | 49946 | 60.9 | 9.741 | 820 | | .2 | 31.1 | 8.8 | .2 | | 90 |
| Wet Bulb | 2295948 | 42748 | 52.1 | 9.073 | 820 | | 1.4 | 3.0 | | | | 90 |
| Dew Point | 1676085 | 35963 | 43.2 | 3.186 | 820 | | 20.7 | .9 | | | | 90 |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) NOV (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 |
| 78/ 77 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | | | | | .3 | | | | | | | | | | | 2 | 2 | | |
| 74/ 73 | | | | .1 | | .1 | .1 | | | .1 | | | | | | | | 4 | 4 | | |
| 72/ 71 | | | .5 | .4 | .1 | .7 | .3 | | .3 | .1 | | | | | | | | 18 | 18 | | |
| 70/ 69 | | | 1.3 | 1.1 | .4 | .1 | .1 | .1 | | | | | | | | | | 24 | 24 | 2 | |
| 68/ 67 | | .3 | 1.9 | 1.2 | .8 | .5 | .1 | .7 | | .1 | | | | | | | | 42 | 42 | 6 | |
| 66/ 65 | | .4 | 1.5 | .9 | .7 | .3 | .3 | .3 | .1 | .4 | | | | | | | | 36 | 36 | 22 | 9 |
| 64/ 63 | | .3 | 1.9 | .9 | .8 | .4 | .3 | | .1 | .1 | | | | | | | | 36 | 36 | 27 | 17 |
| 62/ 61 | | 1.3 | 1.5 | 1.3 | 1.1 | .4 | .3 | .4 | | | | | | | | | | 47 | 47 | 34 | 21 |
| 60/ 59 | | .9 | 2.0 | 2.3 | 1.1 | 1.6 | .7 | 1.3 | .3 | | | | | | | | | 76 | 76 | 34 | 21 |
| 58/ 57 | | 2.3 | 3.0 | .9 | 1.3 | .9 | | .7 | | | | | | | | | | 68 | 68 | 40 | 41 |
| 56/ 55 | | 1.2 | .9 | 2.3 | 1.1 | .9 | .9 | | | | | | | | | | | 55 | 55 | 63 | 43 |
| 54/ 53 | .1 | 1.5 | 1.7 | 2.7 | .5 | .3 | .1 | | | | | | | | | | | 52 | 52 | 70 | 42 |
| 52/ 51 | | .1 | 1.9 | 1.3 | 2.2 | .8 | .7 | | | | | | | | | | | 52 | 52 | 32 | 32 |
| 50/ 49 | | .7 | 1.7 | 1.7 | 1.3 | .8 | .4 | | | | | | | | | | | 50 | 50 | 59 | 41 |
| 48/ 47 | | .4 | 1.3 | 1.1 | 1.1 | .8 | .4 | | | | | | | | | | | 38 | 38 | 68 | 30 |
| 46/ 45 | .3 | .9 | .8 | .8 | .7 | .9 | .1 | | | | | | | | | | | 34 | 34 | 54 | 51 |
| 44/ 43 | | .7 | .8 | .5 | .4 | .5 | | | | | | | | | | | | 22 | 22 | 52 | 47 |
| 42/ 41 | | .5 | .7 | .9 | .5 | .3 | | | | | | | | | | | | 22 | 22 | 35 | 47 |
| 40/ 39 | | .8 | .9 | .4 | .7 | .3 | | | | | | | | | | | | 23 | 23 | 33 | 41 |
| 38/ 37 | | .1 | .4 | .5 | .4 | .4 | | | | | | | | | | | | 14 | 14 | 33 | 26 |
| 36/ 35 | | .1 | .5 | .7 | .5 | | | | | | | | | | | | | 14 | 14 | 20 | 28 |
| 34/ 33 | | | .1 | .7 | .1 | | | | | | | | | | | | | 7 | 7 | 20 | 29 |
| 32/ 31 | | | .3 | .3 | | | | | | | | | | | | | | 4 | 4 | 14 | 45 |
| 30/ 29 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 12 | 22 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 9 | 26 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 4 | 12 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 17 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 12 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 14 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 13 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 4 |

| 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 | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) NOV (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 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | .4 | 12.8 | 26.0 | 23.3 | 16.0 | 11.2 | 5.1 | 3.5 | .8 | .9 | | | | | | | | | 743 | | 743 |
| | | | | | | | | | | | | | | | | | | 743 | | 743 | |

| 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. | 3382467 | 48405 | 65.1 | 17.567 | 743 | | | | | | | |
| Dry Bulb | 2310555 | 40839 | 55.0 | 9.420 | 743 | | .7 | 11.0 | .8 | | | 90 |
| Wet Bulb | 1849483 | 36403 | 49.0 | 9.426 | 743 | | 4.7 | 1.0 | | | | 90 |
| Dew Point | 1464564 | 31624 | 42.6 | 12.641 | 743 | | 21.4 | | | | | 90 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

PAGE 1 ALL (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 | | | | | |
| 92/ 91 | | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | | | | | | .0 | | .1 | | | | 6 | 6 | | |
| 88/ 87 | | | | | | | | | | .0 | .0 | .0 | | | .0 | .0 | | | 8 | 8 | | |
| 86/ 85 | | | | | | | | .0 | .0 | .0 | .1 | .0 | .0 | .1 | .0 | .0 | | | 23 | 23 | | |
| 84/ 83 | | | | | | .0 | | .0 | .0 | .1 | .1 | .1 | .0 | | .1 | | | | 30 | 30 | | |
| 82/ 81 | | | | | | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .0 | .1 | | | | | 63 | 63 | | |
| 80/ 79 | | | | .0 | .0 | .2 | .2 | .3 | .2 | .1 | .0 | .1 | .1 | .1 | | | | | 84 | 84 | | |
| 78/ 77 | | | | .2 | .1 | .4 | .3 | .4 | .2 | .2 | .2 | .2 | .2 | | | | | | 150 | 150 | | |
| 76/ 75 | | | .0 | .1 | .4 | .6 | .4 | .2 | .3 | .2 | .3 | .1 | .0 | | | | | | 163 | 163 | | |
| 74/ 73 | | .0 | .1 | .4 | .3 | .4 | .3 | .4 | .5 | .2 | .2 | .1 | .0 | | | | | | 193 | 193 | 2 | |
| 72/ 71 | | .1 | .6 | .5 | .6 | .4 | .5 | .6 | .4 | .3 | .2 | .2 | | | | | | | 273 | 273 | 27 | 1 |
| 70/ 69 | | .1 | 1.6 | .7 | .6 | .3 | .5 | .4 | .3 | .2 | .2 | .1 | .0 | | | | | | 310 | 310 | 68 | 16 |
| 68/ 67 | | .4 | 1.7 | .7 | .6 | .4 | .7 | .4 | .4 | .3 | .1 | .0 | | | | | | | 366 | 366 | 187 | 39 |
| 66/ 65 | .0 | .9 | 1.0 | .8 | .4 | .5 | .6 | .4 | .3 | .3 | .2 | .0 | | | | | | | 331 | 331 | 323 | 111 |
| 64/ 63 | .0 | .9 | 1.2 | .7 | .7 | .6 | .4 | .5 | .5 | .2 | .2 | .0 | | | | | | | 369 | 369 | 325 | 254 |
| 62/ 61 | .1 | 1.2 | 1.1 | .5 | .7 | .8 | .3 | .4 | .3 | .1 | .1 | | | | | | | | 349 | 349 | 298 | 243 |
| 60/ 59 | .0 | 1.4 | 1.0 | 1.1 | .7 | .8 | .4 | .7 | .4 | .2 | | | | | | | | | 419 | 419 | 363 | 254 |
| 58/ 57 | | 1.8 | 1.3 | .7 | .6 | .6 | .6 | .7 | .3 | .0 | | | | | | | | | 414 | 414 | 424 | 288 |
| 56/ 55 | .1 | 1.8 | 1.0 | .9 | 1.0 | .7 | .7 | .4 | .2 | .0 | | | | | | | | | 422 | 422 | 462 | 344 |
| 54/ 53 | .3 | 1.0 | .8 | 1.3 | .6 | .5 | .4 | .2 | .1 | | | | | | | | | | 333 | 333 | 505 | 302 |
| 52/ 51 | .1 | .8 | 1.1 | .8 | .8 | .6 | .5 | .2 | .2 | | | | | | | | | | 316 | 316 | 324 | 279 |
| 50/ 49 | .0 | 1.0 | 1.6 | .8 | .7 | .6 | .4 | .2 | | | | | | | | | | | 337 | 337 | 371 | 308 |
| 48/ 47 | .1 | 1.1 | 1.0 | .7 | .5 | .4 | .2 | .1 | | | | | | | | | | | 252 | 252 | 434 | 275 |
| 46/ 45 | .1 | .8 | 1.0 | .8 | .4 | .4 | .2 | .0 | | | | | | | | | | | 229 | 229 | 425 | 364 |
| 44/ 43 | .1 | .9 | .8 | .4 | .4 | .2 | .1 | | | | | | | | | | | | 178 | 178 | 366 | 342 |
| 42/ 41 | .0 | .7 | .5 | .5 | .2 | .2 | .0 | | | | | | | | | | | | 137 | 137 | 316 | 337 |
| 40/ 39 | .0 | .6 | .7 | .4 | .2 | .1 | .0 | | | | | | | | | | | | 134 | 134 | 242 | 304 |
| 38/ 37 | .0 | .5 | .4 | .3 | .2 | .1 | | | | | | | | | | | | | 98 | 98 | 204 | 252 |
| 36/ 35 | | .2 | .5 | .4 | .2 | | | | | | | | | | | | | | 80 | 80 | 160 | 242 |
| 34/ 33 | .0 | .2 | .3 | .3 | .1 | | | | | | | | | | | | | | 62 | 62 | 123 | 240 |
| 32/ 31 | .0 | .1 | .2 | .2 | | | | | | | | | | | | | | | 40 | 40 | 89 | 298 |
| 30/ 29 | | .0 | .2 | .2 | | | | | | | | | | | | | | | 27 | 27 | 78 | 190 |
| 28/ 27 | | .1 | .1 | .0 | | | | | | | | | | | | | | | 15 | 15 | 44 | 182 |
| 26/ 25 | | .1 | | | | | | | | | | | | | | | | | 8 | 8 | 49 | 157 |

| 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. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB Tx (STATION NAME) 69-70,73-80 (YEARS) NOV (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 |
| 24/ 23 | | .1 | .0 | | | | | | | | | | | | | | | 8 | 8 | 14 | 82 |
| 22/ 21 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 107 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 119 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 106 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 50 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 39 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 43 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 38 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 15 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.2 | 17.2 | 19.8 | 14.4 | 11.0 | 10.0 | 8.0 | 6.6 | 4.6 | 2.6 | 2.0 | 1.3 | .5 | .3 | .2 | .1 | | 6229 | 6229 | 6229 | 6229 |

| 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 |
| Ref. Hum. | 26747019 | 384451 | 61.7 | 22.017 | 6229 | | | | | | | |
| Dry Bulb | 22092364 | 363602 | 58.4 | 11.806 | 6229 | | 11.4 | 193.0 | 83.3 | 19.9 | | 720 |
| Wet Bulb | 16804495 | 317249 | 50.9 | 10.190 | 6229 | | 32.4 | 32.8 | .2 | | | 720 |
| Dew Point | 12848312 | 269882 | 43.3 | 13.619 | 6229 | | 165.8 | 6.5 | | | | 720 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 69-70,75-80 YEARS | DEC 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 |
| 70/ 69 | | .5 | .2 | .3 | | | | | | | | | | | | | | 6 | 6 | | |
| 68/ 67 | .2 | | .6 | .8 | | | | | | | | | | | | | | 10 | 10 | 4 | 1 |
| 66/ 65 | .3 | .3 | .3 | .2 | | | | | | | | | | | | | | 7 | 7 | 3 | 5 |
| 64/ 63 | | .2 | 1.0 | .2 | | | | | | | | | | | | | | 8 | 8 | 11 | |
| 62/ 61 | .5 | .5 | .5 | .3 | | | .2 | | | | | | | | | | | 12 | 12 | 11 | 10 |
| 60/ 59 | .2 | .6 | .2 | 1.0 | | | .2 | .2 | .3 | | | | | | | | | 16 | 16 | 8 | 12 |
| 58/ 57 | .6 | 2.1 | .8 | .8 | .2 | .2 | .2 | | .2 | | | | | | | | | 31 | 31 | 16 | 15 |
| 56/ 55 | .5 | 2.3 | .5 | .6 | | .3 | | | | | | | | | | | | 26 | 26 | 21 | 22 |
| 54/ 53 | 1.1 | 2.1 | 1.0 | 1.6 | .5 | .5 | 1.0 | .2 | | | | | | | | | | 49 | 49 | 32 | 22 |
| 52/ 51 | .6 | 1.0 | 1.6 | 1.0 | .6 | .3 | | | | | | | | | | | | 32 | 32 | 25 | 19 |
| 50/ 49 | .5 | 2.9 | 3.1 | 1.6 | .6 | .5 | .5 | | | | | | | | | | | 60 | 60 | 22 | 22 |
| 48/ 47 | .6 | 1.9 | 2.6 | 2.3 | 1.5 | .2 | .5 | | | | | | | | | | | 59 | 59 | 54 | 31 |
| 46/ 45 | .2 | 3.4 | 1.8 | 2.4 | 1.5 | .3 | | | | | | | | | | | | 59 | 59 | 42 | 26 |
| 44/ 43 | | 1.1 | 1.5 | 2.1 | .3 | .5 | .2 | | | | | | | | | | | 35 | 35 | 52 | 34 |
| 42/ 41 | | 2.3 | 1.8 | 2.9 | 1.6 | .2 | | | | | | | | | | | | 54 | 54 | 49 | 24 |
| 40/ 39 | .6 | 1.1 | 4.5 | 1.1 | .8 | .5 | | | | | | | | | | | | 54 | 54 | 53 | 41 |
| 38/ 37 | .3 | 2.3 | 1.3 | 1.6 | .6 | | | | | | | | | | | | | 38 | 38 | 40 | 31 |
| 36/ 35 | | .6 | 2.3 | .6 | .3 | | | | | | | | | | | | | 24 | 24 | 67 | 35 |
| 34/ 33 | | .6 | .5 | .6 | .8 | | | | | | | | | | | | | 16 | 16 | 38 | 20 |
| 32/ 31 | | .2 | 1.0 | 1.1 | | | | | | | | | | | | | | 14 | 14 | 31 | 69 |
| 30/ 29 | | .8 | .8 | | | | | | | | | | | | | | | 10 | 10 | 12 | 37 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 21 | 40 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 8 | 19 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 11 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 26 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 13 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 6 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 14 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 6.3 | 26.8 | 27.6 | 23.2 | 9.9 | 3.4 | 2.6 | .3 | .5 | | | | | | | | | 620 | 620 | | 620 |
| | | | | | | | | | | | | | | | | | | 620 | | 620 | |

| 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. | 3381783 | 44421 | 71.6 | 7.937 | 620 | | | | | | | |
| Dry Bulb | 1416254 | 29146 | 47.0 | 8.631 | 620 | | 3.6 | 2.4 | | | | 93 |
| Wet Bulb | 1195423 | 26631 | 43.0 | 9.129 | 620 | | 10.8 | .6 | | | | 93 |
| Dew Point | 967282 | 23292 | 37.6 | 9.208 | 620 | | 37.5 | .2 | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,75-80 (YEARS) DEC (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 | | | | |
| 68/ 67 | | .5 | 1.2 | | | | | | | | | | | | | | | 10 | 10 | 1 | |
| 66/ 65 | .2 | .8 | .3 | .2 | | | | | | | | | | | | | | 9 | 9 | 7 | 6 |
| 64/ 63 | | 1.9 | .2 | | | | | | | | | | | | | | | 12 | 12 | 8 | 3 |
| 62/ 61 | | .3 | .7 | | | | | | | | | | | | | | | 6 | 6 | 14 | 15 |
| 60/ 59 | | 1.0 | 1.2 | .2 | | | | | | | | | | | | | | 14 | 14 | 5 | 6 |
| 58/ 57 | .2 | 2.4 | .8 | | | | | | | | | | | | | | | 20 | 20 | 14 | 10 |
| 56/ 55 | 1.0 | 1.9 | .3 | .3 | | .2 | .2 | .3 | .2 | | | | | | | | | 26 | 26 | 31 | 29 |
| 54/ 53 | 1.9 | 2.4 | .3 | .5 | .3 | .2 | | | | | | | | | | | | 33 | 33 | 24 | 25 |
| 52/ 51 | .8 | .7 | 2.5 | .5 | | .5 | .7 | | | | | | | | | | | 34 | 34 | 19 | 19 |
| 50/ 49 | .3 | 2.9 | 1.3 | 1.2 | .5 | .2 | .5 | | | | | | | | | | | 41 | 41 | 14 | 13 |
| 48/ 47 | .8 | 2.5 | 2.2 | 1.0 | 1.3 | | .3 | | | | | | | | | | | 49 | 49 | 40 | 22 |
| 46/ 45 | .3 | 1.3 | 2.5 | 2.7 | .7 | .3 | .2 | | | | | | | | | | | 48 | 48 | 36 | 25 |
| 44/ 43 | .2 | 2.9 | 2.5 | 2.0 | 1.7 | .2 | | | | | | | | | | | | 56 | 56 | 38 | 19 |
| 42/ 41 | .2 | 2.4 | 2.2 | 1.2 | .2 | .2 | | | | | | | | | | | | 37 | 37 | 50 | 28 |
| 40/ 39 | .5 | 2.0 | 3.7 | 1.3 | | | | | | | | | | | | | | 45 | 45 | 52 | 43 |
| 38/ 37 | | 2.7 | 2.4 | .8 | 1.2 | .2 | | | | | | | | | | | | 43 | 43 | 46 | 28 |
| 36/ 35 | 1.0 | 2.4 | 2.0 | 1.3 | .2 | | | | | | | | | | | | | 41 | 41 | 60 | 33 |
| 34/ 33 | | 1.5 | 1.2 | .3 | .3 | | | | | | | | | | | | | 20 | 20 | 37 | 31 |
| 32/ 31 | | 1.2 | 1.5 | .8 | .3 | | | | | | | | | | | | | 23 | 23 | 26 | 59 |
| 30/ 29 | | 2.2 | .7 | .2 | | | | | | | | | | | | | | 18 | 18 | 26 | 26 |
| 28/ 27 | | .8 | .3 | .2 | | | | | | | | | | | | | | 8 | 8 | 24 | 36 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 18 | 31 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 3 | 15 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 25 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 9 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 10 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 16 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.4 | 36.6 | 30.2 | 14.8 | 6.7 | 1.9 | 1.9 | .3 | .2 | | | | | | | | | 593 | 593 | 593 | 593 |

| 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. | 3537816 | 44648 | 75.3 | 7.252 | 593 | | | | | | | |
| Dry Bulb | 1265605 | 26849 | 45.3 | 9.188 | 593 | | 7.7 | 1.6 | | | | 93 |
| Wet Bulb | 1097384 | 24856 | 41.9 | 9.685 | 593 | | 15.2 | .2 | | | | 93 |
| Dew Point | 916776 | 22110 | 37.3 | 12.898 | 593 | | 37.3 | | | | | 93 |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB TX STATION NAME | 69-70,73-80 YEARS | DEC 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 |
| 68/ 67 | | | .5 | | | | | | | | | | | | | | | 4 | 4 | | |
| 66/ 65 | .5 | .4 | .7 | | | | | | | | | | | | | | | 13 | 13 | 6 | 5 |
| 64/ 63 | .7 | 1.1 | .2 | | | | | | | | | | | | | | | 17 | 17 | 18 | 7 |
| 62/ 61 | .4 | 1.7 | | | | | | | | | | | | | | | | 17 | 17 | 15 | 19 |
| 60/ 59 | .6 | 1.3 | 1.2 | | .1 | | | | | | | | | | | | | 27 | 27 | 23 | 20 |
| 58/ 57 | 1.6 | 1.7 | .7 | .1 | .1 | | | | | | | | | | | | | 35 | 35 | 25 | 27 |
| 56/ 55 | 1.1 | 2.8 | .7 | | .1 | | | .1 | | | | | | | | | | 40 | 40 | 40 | 34 |
| 54/ 53 | .8 | 1.3 | .1 | .2 | | .1 | | | | | | | | | | | | 22 | 22 | 26 | 30 |
| 52/ 51 | .6 | 1.8 | .6 | 1.0 | .2 | .5 | .4 | | | | | | | | | | | 42 | 42 | 27 | 21 |
| 50/ 49 | .7 | 3.0 | .8 | .5 | .6 | | .2 | .1 | | | | | | | | | | 50 | 50 | 27 | 30 |
| 48/ 47 | .6 | 1.4 | 2.2 | .7 | .7 | .1 | | | | | | | | | | | | 48 | 48 | 31 | 24 |
| 46/ 45 | .7 | 3.1 | 3.5 | 1.9 | .7 | .5 | | | | | | | | | | | | 87 | 87 | 36 | 25 |
| 44/ 43 | .5 | 1.9 | 1.8 | 1.8 | .7 | .8 | | | | | | | | | | | | 63 | 63 | 63 | 25 |
| 42/ 41 | | 2.6 | 1.8 | 1.9 | 1.4 | | | | | | | | | | | | | 65 | 65 | 64 | 35 |
| 40/ 39 | .8 | 2.9 | 2.9 | 1.7 | .4 | | | | | | | | | | | | | 72 | 72 | 70 | 58 |
| 38/ 37 | .6 | 2.0 | 2.9 | .5 | .8 | | | | | | | | | | | | | 57 | 57 | 66 | 52 |
| 36/ 35 | .6 | 2.0 | 1.9 | 1.6 | .4 | | | | | | | | | | | | | 54 | 54 | 78 | 43 |
| 34/ 33 | .2 | 1.8 | 2.2 | 1.0 | .1 | | | | | | | | | | | | | 44 | 44 | 63 | 39 |
| 32/ 31 | | 1.7 | 1.6 | .4 | .2 | | | | | | | | | | | | | 32 | 32 | 40 | 62 |
| 30/ 29 | .1 | 1.7 | .6 | .2 | | | | | | | | | | | | | | 22 | 22 | 54 | 46 |
| 28/ 27 | | 1.1 | .6 | .2 | .2 | | | | | | | | | | | | | 18 | 18 | 28 | 48 |
| 26/ 25 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 21 | 42 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 7 | 36 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 38 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 21 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 10 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 14 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 92 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (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 |
| TOTAL | 11.2 | 37.5 | 27.6 | 13.8 | 7.0 | 2.0 | .6 | .2 | | | | | | | | | | 832 | 832 | 832 | 832 |

| 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. | 5168451 | 63969 | 76.9 | 7.350 | 832 | | | | | | | |
| Dry Bulb | 1733988 | 37170 | 44.7 | 9.398 | 832 | | 8.4 | .4 | | | | 93 |
| Wet Bulb | 1527686 | 36648 | 41.6 | 10.101 | 832 | | 17.2 | | | | | 93 |
| Dew Point | 1298760 | 31044 | 37.3 | 13.000 | 832 | .1 | 37.8 | | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (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 |
| 81/ 79 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 76/ 75 | | | | | | | | | | | | .1 | .1 | | | | | 2 | 2 | | |
| 74/ 73 | | | | | | | | | .1 | .1 | | | | | | | | 2 | 2 | | |
| 70/ 69 | | | | .6 | | | | | | | .1 | | | | | | | 6 | 6 | | |
| 68/ 67 | | .2 | .6 | | | .1 | | | | .2 | .1 | | | | | | | 11 | 11 | | |
| 66/ 65 | .1 | .9 | .8 | .1 | .1 | .2 | .3 | | .1 | .2 | .1 | | | | | | | 27 | 27 | 5 | 2 |
| 64/ 63 | .6 | 1.7 | .2 | .2 | .1 | | .3 | .3 | | .1 | | | | | | | | 32 | 32 | 30 | 14 |
| 62/ 61 | .5 | 1.2 | .3 | .8 | .5 | .5 | .2 | .2 | .1 | .1 | | | | | | | | 39 | 39 | 20 | 28 |
| 60/ 59 | .6 | 1.8 | .8 | .6 | .5 | .9 | .3 | .2 | .3 | | | | | | | | | 53 | 53 | 20 | 22 |
| 58/ 57 | 1.9 | 1.6 | 1.7 | .5 | .8 | .5 | .9 | .2 | .3 | | | | | | | | | 74 | 74 | 43 | 30 |
| 56/ 55 | .8 | 1.6 | .9 | 1.2 | 1.8 | 1.4 | .8 | .8 | .1 | | | | | | | | | 83 | 83 | 47 | 32 |
| 54/ 53 | .3 | 1.5 | .8 | 1.7 | .3 | 1.6 | 1.2 | .3 | | | | | | | | | | 69 | 69 | 40 | 27 |
| 52/ 51 | .6 | 1.2 | .7 | 1.1 | 1.8 | 1.5 | .9 | .3 | | | | | | | | | | 72 | 72 | 48 | 36 |
| 50/ 49 | .8 | 2.2 | 1.8 | 1.7 | 1.7 | 1.2 | .6 | .2 | | | | | | | | | | 90 | 90 | 59 | 37 |
| 48/ 47 | | 1.2 | 2.6 | 2.3 | 2.0 | 1.9 | .2 | | | | | | | | | | | 91 | 91 | 65 | 30 |
| 46/ 45 | .1 | 1.6 | 1.1 | 1.5 | 1.2 | .8 | .1 | .1 | | | | | | | | | | 58 | 58 | 74 | 31 |
| 44/ 43 | .2 | 1.1 | 1.7 | 1.0 | .9 | .9 | | | | | | | | | | | | 52 | 52 | 99 | 40 |
| 42/ 41 | .1 | .8 | 1.1 | 1.0 | 1.5 | .5 | | | | | | | | | | | | 44 | 44 | 89 | 51 |
| 40/ 39 | .2 | .3 | .8 | .6 | .5 | .5 | .1 | | | | | | | | | | | 26 | 26 | 70 | 57 |
| 38/ 37 | | .7 | .2 | .7 | .3 | .1 | | | | | | | | | | | | 18 | 18 | 60 | 40 |
| 36/ 35 | | .2 | .6 | .9 | .5 | | | | | | | | | | | | | 19 | 19 | 37 | 54 |
| 34/ 33 | | .2 | .2 | .1 | .2 | .1 | | | | | | | | | | | | 8 | 8 | 26 | 53 |
| 32/ 31 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 20 | 73 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 18 | 31 |
| 28/ 27 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 5 | 35 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 36 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 26 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 25 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 26 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 11 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 8 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |

| 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 | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 6.8 | 20.2 | 17.0 | 16.7 | 15.0 | 12.6 | 6.1 | 2.8 | 1.1 | .8 | .3 | .1 | .1 | .1 | | | | 880 | | 880 | |
| | | | | | | | | | | | | | | | | | 880 | | 880 | | |

| 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. | 4168926 | 57386 | 65.2 | 22.040 | 880 | | | | | | | |
| Dry Bulb | 2396344 | 45378 | 51.6 | 8.038 | 880 | | .3 | 2.3 | .5 | .1 | | 93 |
| Wet Bulb | 1916541 | 40365 | 45.9 | 8.601 | 880 | | 5.1 | | | | | 93 |
| Dew Point | 1470461 | 34133 | 38.8 | 12.911 | 880 | | 31.3 | | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (MONTH)

 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 | | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 86/ 85 | | | | | | | | | | | | | | | .1 | .1 | | | 2 | 2 | | |
| 84/ 83 | | | | | | | | | | | | | | | .2 | | | | 2 | 2 | | |
| 82/ 81 | | | | | | | | | | | | .1 | .2 | | | | | | 3 | 3 | | |
| 80/ 79 | | | | | | | | | | | | | | .2 | .2 | | | | 4 | 4 | | |
| 78/ 77 | | | | | | | | | | | .2 | | .1 | .1 | | | | | 4 | 4 | | |
| 76/ 75 | | | | | | .7 | .2 | .2 | .2 | .4 | .1 | .1 | | | | | | | 18 | 18 | | |
| 74/ 73 | | | | | .2 | .6 | .6 | .3 | .1 | .4 | .2 | | | | | | | | 22 | 22 | | |
| 72/ 71 | | | | .2 | .6 | .2 | .3 | .3 | .1 | .3 | .4 | .1 | .1 | | | | | | 25 | 25 | | |
| 70/ 69 | | .1 | .6 | 1.1 | .2 | .6 | .7 | .6 | .9 | .2 | .3 | .3 | .1 | | | | | | 51 | 51 | 1 | 1 |
| 68/ 67 | | .2 | 1.0 | .4 | .9 | 1.1 | .8 | .7 | .7 | .9 | .7 | | .1 | | | | | | 67 | 67 | | |
| 66/ 65 | | .7 | .4 | .4 | .9 | .6 | .6 | .9 | .4 | .6 | .9 | | | | | | | | 57 | 57 | 29 | 1 |
| 64/ 63 | | .3 | .7 | .3 | .8 | .8 | .7 | 1.0 | 1.2 | 1.1 | .4 | | | | | | | | 66 | 66 | 29 | 18 |
| 62/ 61 | .2 | 1.2 | .6 | .1 | 1.2 | 1.8 | 1.2 | 1.6 | .9 | .8 | | | | | | | | | 86 | 86 | 26 | 21 |
| 60/ 59 | .8 | 1.4 | .9 | .8 | 1.1 | .8 | 1.1 | 1.8 | 1.6 | .3 | | | | | | | | | 95 | 95 | 58 | 33 |
| 58/ 57 | .2 | 1.8 | .7 | .2 | 1.1 | 1.4 | 1.2 | 2.2 | .4 | .2 | | | | | | | | | 86 | 86 | 64 | 35 |
| 56/ 55 | .1 | 1.1 | .3 | .2 | .7 | 1.9 | 2.4 | 1.0 | .4 | .1 | | | | | | | | | 75 | 75 | 63 | 33 |
| 54/ 53 | .3 | .3 | .6 | | 1.2 | 1.0 | 1.3 | .6 | .4 | | | | | | | | | | 52 | 52 | 68 | 41 |
| 52/ 51 | .1 | .7 | .3 | .7 | 1.4 | .7 | .7 | .2 | .2 | | | | | | | | | | 45 | 45 | 59 | 33 |
| 50/ 49 | | .2 | .4 | .8 | .4 | .8 | .9 | .1 | | | | | | | | | | | 30 | 30 | 71 | 30 |
| 48/ 47 | | .6 | .4 | .8 | .7 | 1.0 | | | | | | | | | | | | | 31 | 31 | 76 | 24 |
| 46/ 45 | | .7 | .3 | .9 | .7 | .4 | .6 | .1 | | | | | | | | | | | 33 | 33 | 104 | 40 |
| 44/ 43 | | .4 | .4 | .4 | .3 | .2 | .4 | | | | | | | | | | | | 21 | 21 | 103 | 43 |
| 42/ 41 | | .1 | | .2 | .2 | .6 | .2 | | | | | | | | | | | | 12 | 12 | 41 | 36 |
| 40/ 39 | | .2 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 6 | 6 | 37 | 46 |
| 38/ 37 | | | .1 | .2 | | .1 | | | | | | | | | | | | | 4 | 4 | 31 | 45 |
| 36/ 35 | | .3 | | .1 | | .1 | | | | | | | | | | | | | 5 | 5 | 10 | 49 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 15 | 61 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 12 | 51 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 4 | 44 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 | 41 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | 31 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 36 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 33 |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 90 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (MONTH)

 1200-1800 (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 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 27 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 15 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 11 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.8 | 10.4 | 7.9 | 8.1 | 12.7 | 15.0 | 13.8 | 11.5 | 7.6 | 5.4 | 3.3 | .7 | .7 | .3 | .6 | .1 | .1 | | 903 | | 903 |
| | | | | | | | | | | | | | | | | | | 903 | | 903 | |

| 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 | ≥ 92 F | Total |
| Rel. Hum. | 2824065 | 46057 | 51.0 | 22.947 | 903 | | | | | | | |
| Dry Bulb | 3255863 | 53635 | 59.4 | 8.818 | 903 | | | 20.5 | 5.8 | 1.1 | | 93 |
| Wet Bulb | 2283730 | 44822 | 49.6 | 8.082 | 903 | | 1.9 | .1 | | | | 93 |
| Dew Point | 1513995 | 34917 | 38.7 | 13.877 | 903 | | 32.2 | .1 | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (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 |
| 90/ 89 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 88/ 87 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 86/ 85 | | | | | | | | | | | | | | | .1 | .1 | | 2 | 2 | | |
| 84/ 83 | | | | | | | | | | | | | .1 | .2 | | | | 3 | 3 | | |
| 82/ 81 | | | | | | | | | | | .1 | .3 | .2 | .1 | .3 | | | 10 | 10 | | |
| 80/ 79 | | | | | | | | | | .2 | | .2 | .1 | .2 | | | | 7 | 7 | | |
| 78/ 77 | | | | | | .1 | 1.0 | | .7 | | .4 | .1 | | .1 | | | | 22 | 22 | | |
| 76/ 75 | | | | | | .7 | .7 | .4 | .4 | .2 | .8 | .3 | .4 | .1 | | | | 37 | 37 | | |
| 74/ 73 | | | | .1 | .7 | 1.1 | .8 | .4 | .6 | .6 | .4 | .3 | .2 | .2 | | | | 49 | 49 | | |
| 72/ 71 | | | | .3 | .3 | .6 | .7 | .6 | 1.1 | .7 | .9 | .2 | .2 | | | | | 50 | 50 | | |
| 70/ 69 | | .1 | .6 | .2 | .2 | 1.6 | .3 | .4 | 1.1 | 1.7 | .6 | .7 | | | | | | 67 | 67 | | |
| 68/ 67 | | .1 | .6 | .1 | .9 | .6 | .8 | .3 | .8 | .8 | .8 | .4 | | | | | | 55 | 55 | 6 | |
| 66/ 65 | .1 | .2 | .6 | .8 | .1 | .8 | .6 | 1.2 | 1.2 | 1.7 | 1.5 | | | | | | | 78 | 78 | 41 | 5 |
| 64/ 63 | | .2 | 1.2 | .3 | .6 | .9 | 1.7 | .4 | 2.9 | 1.1 | .4 | | | | | | | 88 | 88 | 21 | 10 |
| 62/ 61 | | 1.0 | .6 | .2 | .1 | .9 | .6 | 1.2 | 1.0 | 1.9 | | | | | | | | 67 | 67 | 38 | 19 |
| 60/ 59 | | .9 | 1.6 | .1 | | .7 | 1.5 | 1.8 | 1.2 | 1.0 | .1 | | | | | | | 79 | 79 | 66 | 21 |
| 58/ 57 | .3 | .6 | .4 | .4 | .7 | 1.0 | 1.2 | 1.2 | .1 | .1 | | | | | | | | 55 | 55 | 64 | 43 |
| 56/ 55 | .1 | .7 | .1 | | .9 | .8 | .8 | 1.5 | .8 | .3 | | | | | | | | 53 | 53 | 67 | 38 |
| 54/ 53 | | .4 | .3 | .3 | .7 | 1.3 | .7 | .6 | | | | | | | | | | 39 | 39 | 70 | 35 |
| 52/ 51 | | .1 | .1 | .4 | .8 | .3 | .4 | .2 | | | | | | | | | | 22 | 22 | 62 | 38 |
| 50/ 49 | | .4 | .6 | .4 | .4 | .9 | .8 | | | | | | | | | | | 32 | 32 | 66 | 20 |
| 48/ 47 | | .2 | .1 | .6 | .3 | .4 | .1 | .7 | | | | | | | | | | 22 | 22 | 108 | 22 |
| 46/ 45 | .1 | .6 | .1 | 1.0 | | .1 | .8 | | | | | | | | | | | 24 | 24 | 92 | 32 |
| 44/ 43 | | | | .2 | .2 | .2 | .4 | | | | | | | | | | | 10 | 10 | 57 | 39 |
| 42/ 41 | | .3 | .1 | .3 | | .6 | | | | | | | | | | | | 12 | 12 | 55 | 49 |
| 40/ 39 | | | .1 | .2 | .1 | | | | | | | | | | | | | 4 | 4 | 34 | 41 |
| 38/ 37 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 10 | 39 |
| 36/ 35 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 11 | 53 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 23 | 50 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 3 | 67 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 37 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 44 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 31 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 47 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (MONTH)

PAGE 2 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 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 29 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 30 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 11 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 16 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 4 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 13 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .7 | 6.2 | 7.2 | 6.4 | 7.0 | 13.5 | 13.8 | 11.1 | 12.0 | 10.3 | 6.0 | 2.7 | 1.3 | 1.0 | .4 | .2 | .2 | 894 | 894 | 894 | 894 |

| 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. | 2210187 | 40011 | 44.8 | 21.674 | 894 | | | | | | | |
| Dry Bulb | 3576801 | 55927 | 62.6 | 9.353 | 894 | | | 31.7 | 13.8 | 2.1 | | 93 |
| Wet Bulb | 2358393 | 45365 | 50.7 | 7.947 | 894 | | .3 | .6 | | | | 93 |
| Dew Point | 1442780 | 33842 | 37.9 | 13.455 | 894 | .1 | 35.4 | | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (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 |
| 80/ 79 | | | | | | | | | | | | | .1 | .1 | | | | 2 | 2 | | |
| 74/ 73 | | | | | .1 | .2 | | | .1 | .1 | | .2 | .1 | | | | | 8 | 8 | | |
| 72/ 71 | | | | .1 | .4 | .4 | .2 | .1 | .1 | .1 | .1 | | | | | | | 13 | 13 | | |
| 70/ 69 | | .1 | .4 | .4 | .7 | .4 | | | .1 | | .2 | .4 | | | | | | 22 | 22 | | |
| 68/ 67 | | | .9 | .4 | .5 | .1 | .2 | .4 | .6 | .1 | .1 | .2 | | | | | | 29 | 29 | 1 | |
| 66/ 65 | | .2 | .5 | 1.0 | .7 | .5 | .7 | | .7 | .5 | | | | | | | | 40 | 40 | 9 | 3 |
| 64/ 63 | .2 | .6 | .4 | 1.0 | 1.0 | .6 | .9 | 1.1 | .9 | .4 | .2 | | | | | | | 59 | 59 | 21 | 10 |
| 62/ 61 | .1 | 1.5 | .6 | 1.0 | 1.0 | .4 | 1.1 | .7 | .7 | .1 | | | | | | | | 59 | 59 | 19 | 10 |
| 60/ 59 | .2 | 2.5 | 1.4 | .7 | 1.0 | .4 | 1.0 | 1.4 | 1.5 | .4 | | | | | | | | 84 | 84 | 47 | 16 |
| 58/ 57 | .4 | 2.1 | 1.0 | .6 | 1.0 | .9 | 1.2 | .9 | 1.0 | .1 | | | | | | | | 74 | 74 | 43 | 43 |
| 56/ 55 | | 1.4 | 1.0 | 1.5 | 1.7 | 2.0 | 2.0 | .6 | .2 | | | | | | | | | 84 | 84 | 53 | 36 |
| 54/ 53 | | 1.0 | .5 | 1.1 | 1.5 | 2.0 | 1.0 | .9 | .5 | | | | | | | | | 68 | 68 | 54 | 41 |
| 52/ 51 | | .2 | .7 | .9 | 1.7 | 2.7 | 1.2 | .1 | | | | | | | | | | 62 | 62 | 44 | 27 |
| 50/ 49 | | 1.2 | 1.1 | 1.4 | 1.9 | 1.4 | 1.1 | .6 | | | | | | | | | | 70 | 70 | 53 | 27 |
| 48/ 47 | | .4 | .2 | .6 | 1.4 | 1.1 | .1 | .1 | | | | | | | | | | 32 | 32 | 77 | 24 |
| 46/ 45 | .4 | .9 | .5 | 1.0 | .7 | 1.0 | .1 | | | | | | | | | | | 37 | 37 | 92 | 32 |
| 44/ 43 | | | .7 | .7 | | .5 | .5 | .1 | | | | | | | | | | 21 | 21 | 83 | 38 |
| 42/ 41 | | .2 | .1 | .6 | .7 | | | | | | | | | | | | | 14 | 14 | 71 | 41 |
| 40/ 39 | | .4 | .5 | | .9 | | | | | | | | | | | | | 14 | 14 | 50 | 31 |
| 38/ 37 | | .2 | .5 | .5 | .1 | .1 | | | | | | | | | | | | 12 | 12 | 34 | 39 |
| 36/ 35 | | | .2 | .2 | .1 | | | | | | | | | | | | | 5 | 5 | 24 | 47 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 14 | 44 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 15 | 63 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 4 | 51 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 35 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 34 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 28 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 23 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 28 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 8 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 7 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 STATION | LAUGHLIN AFB Tx STATION NAME | 69-70,73-80 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 |
| ≤/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.4 | 13.0 | 11.2 | 13.7 | 17.2 | 14.6 | 11.5 | 7.0 | 6.6 | 1.9 | .7 | .9 | .2 | .1 | | | | 809 | 809 | 809 | 809 |

| 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. | 2907265 | 45201 | 55.9 | 21.737 | 809 | | | | | | | |
| Dry Bulb | 2583575 | 45261 | 55.9 | 7.973 | 809 | | | 8.5 | 1.1 | .1 | | 93 |
| Wet Bulb | 1907430 | 38748 | 47.9 | 7.987 | 809 | | 2.3 | .1 | | | | 93 |
| Dew Point | 1329311 | 31095 | 38.4 | 12.884 | 809 | | 34.5 | | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 69 | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | 6 | 6 | | |
| 68/ 67 | | .4 | | .8 | .3 | | .1 | | | .3 | | | | | | | | 14 | 14 | 1 | |
| 66/ 65 | | .3 | .5 | .4 | .3 | | | | .1 | .1 | .1 | | | | | | | 14 | 14 | 5 | 4 |
| 64/ 63 | .1 | .3 | .7 | .3 | .3 | | | | | | | | | | | | | 12 | 12 | 7 | 3 |
| 62/ 61 | .5 | .9 | .4 | .3 | .1 | .3 | .1 | .1 | .1 | .3 | | | | | | | | 24 | 24 | 19 | 7 |
| 60/ 59 | .7 | 1.7 | .5 | .9 | .9 | .1 | .4 | | .3 | .1 | | | | | | | | 43 | 43 | 24 | 17 |
| 58/ 57 | .5 | 3.3 | 1.1 | 1.1 | .4 | .3 | | .4 | | | | | | | | | | 53 | 53 | 27 | 29 |
| 56/ 55 | .5 | 3.1 | 1.5 | 1.3 | .7 | .5 | .4 | .4 | .1 | | | | | | | | | 64 | 64 | 39 | 40 |
| 54/ 53 | .7 | 3.2 | 1.7 | 1.6 | .7 | .7 | 1.6 | | | | | | | | | | | 76 | 76 | 55 | 33 |
| 52/ 51 | | 1.3 | 1.2 | 2.1 | 1.3 | 1.2 | .9 | .3 | | | | | | | | | | 63 | 63 | 39 | 35 |
| 50/ 49 | | 1.7 | 2.5 | 2.1 | 2.1 | .8 | .4 | | | | | | | | | | | 73 | 73 | 46 | 25 |
| 48/ 47 | .1 | .9 | 1.1 | 1.9 | 2.4 | .5 | .8 | | | | | | | | | | | 58 | 58 | 52 | 37 |
| 46/ 45 | .4 | 1.1 | 1.9 | 2.8 | 2.3 | .5 | .3 | | | | | | | | | | | 69 | 69 | 52 | 38 |
| 44/ 43 | | 2.0 | .7 | 2.0 | 2.0 | 1.1 | | | | | | | | | | | | 58 | 58 | 64 | 26 |
| 42/ 41 | | .9 | 2.1 | 2.1 | .4 | .4 | | | | | | | | | | | | 45 | 45 | 78 | 35 |
| 40/ 39 | .3 | .8 | .5 | 1.2 | | | | | | | | | | | | | | 21 | 21 | 63 | 49 |
| 38/ 37 | | .7 | .9 | .8 | .3 | | | | | | | | | | | | | 20 | 20 | 70 | 32 |
| 36/ 35 | | .4 | .7 | 1.1 | .1 | | | | | | | | | | | | | 17 | 17 | 38 | 41 |
| 34/ 33 | | .3 | .5 | .4 | .3 | | | | | | | | | | | | | 11 | 11 | 29 | 27 |
| 32/ 31 | | .1 | .3 | .4 | | | | | | | | | | | | | | 6 | 6 | 15 | 66 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 16 | 42 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 5 | 36 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 3 | 37 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 21 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 18 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 22 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 11 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 7 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 8 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.9 | 23.7 | 19.1 | 24.0 | 15.0 | 6.4 | 5.1 | 1.2 | .7 | .8 | .1 | | | | | | | 747 | 747 | 747 | 747 |

| 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. | 3695887 | 50439 | 67.5 | 19.721 | 747 | | | | | | | |
| Dry Bulb | 1942609 | 37633 | 50.4 | 7.912 | 747 | | .7 | 2.5 | | | | 93 |
| Wet Bulb | 1585116 | 33824 | 45.3 | 8.474 | 747 | | 4.9 | .1 | | | | 93 |
| Dew Point | 1243514 | 29094 | 38.9 | 12.163 | 747 | | 33.5 | | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (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 |
| 90/ 89 | | | | | | | | | | | | | | | | | .0 | 3 | 3 | | |
| 88/ 87 | | | | | | | | | | | | | | | | .0 | | 1 | 1 | | |
| 86/ 85 | | | | | | | | | | | | | | | .0 | .0 | | 4 | 4 | | |
| 84/ 83 | | | | | | | | | | | | | .0 | .0 | .0 | | | 5 | 5 | | |
| 82/ 81 | | | | | | | | | | | .0 | .1 | .1 | .0 | .0 | | | 13 | 13 | | |
| 80/ 79 | | | | | | | | | | .0 | | .0 | .0 | .1 | .0 | | | 14 | 14 | | |
| 78/ 77 | | | | | | .0 | .1 | | .1 | | .1 | .0 | .0 | .0 | | | | 26 | 26 | | |
| 76/ 75 | | | | | | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | | | | 57 | 57 | | |
| 74/ 73 | | | | .0 | .1 | .3 | .2 | .1 | .1 | .2 | .1 | .1 | .0 | .0 | | | | 81 | 81 | | |
| 72/ 71 | | | | .1 | .2 | .2 | .2 | .1 | .2 | .2 | .2 | .0 | .0 | | | | | 88 | 88 | | |
| 70/ 69 | | .1 | .3 | .4 | .2 | .4 | .1 | .1 | .3 | .3 | .2 | .2 | .0 | | | | | 158 | 158 | 1 | 1 |
| 68/ 67 | .0 | .2 | .7 | .3 | .4 | .3 | .3 | .2 | .3 | .3 | .2 | .1 | .0 | | | | | 200 | 200 | 13 | 1 |
| 66/ 65 | .1 | .5 | .5 | .4 | .3 | .3 | .3 | .3 | .4 | .4 | .4 | | | | | | | 245 | 245 | 105 | 31 |
| 64/ 63 | .2 | .8 | .6 | .3 | .4 | .3 | .5 | .4 | .7 | .4 | .2 | | | | | | | 294 | 294 | 145 | 65 |
| 62/ 61 | .3 | 1.1 | .4 | .4 | .4 | .5 | .5 | .5 | .4 | .4 | | | | | | | | 310 | 310 | 162 | 129 |
| 60/ 59 | .4 | 1.4 | 1.0 | .5 | .5 | .4 | .6 | .7 | .7 | .3 | .0 | | | | | | | 411 | 411 | 251 | 147 |
| 58/ 57 | .7 | 1.9 | .9 | .5 | .6 | .6 | .7 | .7 | .3 | .1 | | | | | | | | 428 | 428 | 296 | 232 |
| 56/ 55 | .5 | 1.8 | .7 | .7 | .8 | .9 | .9 | .6 | .3 | .1 | | | | | | | | 451 | 451 | 361 | 264 |
| 54/ 53 | .6 | 1.4 | .7 | .9 | .7 | 1.0 | .9 | .3 | .1 | | | | | | | | | 408 | 408 | 369 | 254 |
| 52/ 51 | .3 | .9 | .9 | 1.0 | 1.1 | 1.0 | .7 | .2 | .0 | | | | | | | | | 372 | 372 | 323 | 228 |
| 50/ 49 | .3 | 1.7 | 1.4 | 1.2 | 1.1 | .7 | .6 | .1 | | | | | | | | | | 446 | 446 | 358 | 204 |
| 48/ 47 | .2 | 1.1 | 1.4 | 1.2 | 1.3 | .7 | .2 | .1 | | | | | | | | | | 390 | 390 | 503 | 214 |
| 46/ 45 | .3 | 1.5 | 1.4 | 1.7 | .9 | .5 | .3 | .0 | | | | | | | | | | 415 | 415 | 528 | 249 |
| 44/ 43 | .1 | 1.1 | 1.1 | 1.2 | .7 | .6 | .2 | .0 | | | | | | | | | | 316 | 316 | 559 | 264 |
| 42/ 41 | .0 | 1.1 | 1.1 | 1.2 | .7 | .3 | .0 | | | | | | | | | | | 283 | 283 | 497 | 299 |
| 40/ 39 | .3 | .9 | 1.4 | .7 | .3 | .1 | .0 | | | | | | | | | | | 242 | 242 | 429 | 366 |
| 38/ 37 | .1 | 1.0 | 1.0 | .6 | .4 | .1 | | | | | | | | | | | | 195 | 195 | 357 | 306 |
| 36/ 35 | .2 | .7 | .9 | .7 | .2 | .0 | | | | | | | | | | | | 166 | 166 | 325 | 355 |
| 34/ 33 | .0 | .5 | .5 | .3 | .2 | .0 | | | | | | | | | | | | 99 | 99 | 245 | 325 |
| 32/ 31 | | .4 | .5 | .3 | .1 | | | | | | | | | | | | | 77 | 77 | 162 | 510 |
| 30/ 29 | .0 | .5 | .2 | .0 | | | | | | | | | | | | | | 50 | 50 | 134 | 314 |
| 28/ 27 | | .2 | .1 | .0 | .0 | | | | | | | | | | | | | 27 | 27 | 86 | 315 |
| 26/ 25 | | .0 | .0 | .0 | | | | | | | | | | | | | | 3 | 3 | 52 | 261 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 12 | 220 |

| 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. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-80 (YEARS) DEC (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 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 4 | 217 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 176 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 82 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 92 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 53 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 56 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 18 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 10 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 8 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 4 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 6 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 4.7 | 20.8 | 17.5 | 14.6 | 11.4 | 9.3 | 7.4 | 4.8 | 4.0 | 2.7 | 1.5 | .6 | .3 | .2 | .1 | .0 | .0 | 6278 | 6278 | 6278 | 6278 |

| 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. | 27894380 | 392130 | 62.5 | 23.279 | 6278 | | | | | | | |
| Dry Bulb | 18171039 | 330995 | 52.7 | 10.710 | 6278 | | 18.6 | 77.0 | 24.2 | 3.9 | | 744 |
| Wet Bulb | 13871701 | 289259 | 46.1 | 9.310 | 6278 | | 53.4 | 1.7 | | | | 744 |
| Dew Point | 10182839 | 239527 | 38.2 | 12.897 | 6278 | .2 | 277.8 | .2 | | | | 744 |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-81 (YEARS) ALL (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 |
| 110/109 | | | | | | | | | | | | | | | | | .0 | 4 | 4 | | |
| 108/107 | | | | | | | | | | | | | | | .0 | .0 | .0 | 19 | 19 | | |
| 106/105 | | | | | | | | | | | | | | .0 | .0 | .0 | .0 | 55 | 55 | | |
| 104/103 | | | | | | | | | | | | .0 | .0 | .0 | .0 | .1 | .0 | 108 | 108 | | |
| 102/101 | | | | | | | | | | | .0 | .0 | .0 | .1 | .1 | .1 | .0 | 259 | 259 | | |
| 100/ 99 | | | | | | | | | | .0 | .0 | .0 | .1 | .2 | .1 | .0 | .0 | 483 | 483 | | |
| 98/ 97 | | | | | | | | | .0 | .0 | .1 | .2 | .3 | .2 | .1 | .0 | .0 | 732 | 732 | | |
| 96/ 95 | | | | | | | | .0 | .0 | .1 | .3 | .5 | .4 | .2 | .0 | .0 | .0 | 1225 | 1225 | | |
| 94/ 93 | | | | | .0 | | | .0 | .1 | .3 | .6 | .5 | .2 | .1 | .0 | .0 | .0 | 1416 | 1417 | | |
| 92/ 91 | | | | | | .0 | .0 | .1 | .3 | .6 | .6 | .3 | .1 | .1 | .0 | .0 | .0 | 1723 | 1724 | | |
| 90/ 89 | | | | | | .0 | .1 | .5 | .7 | .7 | .4 | .2 | .1 | .1 | .0 | .0 | .0 | 2101 | 2102 | | |
| 88/ 87 | | | | | .0 | .1 | .4 | .8 | .7 | .4 | .2 | .1 | .1 | .1 | .0 | .0 | .0 | 2267 | 2268 | | |
| 86/ 85 | | | | .0 | .1 | .5 | .7 | .8 | .5 | .3 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | 2573 | 2573 | 1 | |
| 84/ 83 | | | .0 | .0 | .3 | .8 | .8 | .7 | .3 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | | 2756 | 2756 | 2 | |
| 82/ 81 | | | .0 | .3 | .9 | 1.0 | .8 | .3 | .3 | .2 | .1 | .1 | .1 | .1 | .0 | | | 3200 | 3201 | 15 | 1 |
| 80/ 79 | | .0 | .2 | .8 | 1.2 | 1.0 | .4 | .3 | .2 | .2 | .1 | .1 | .1 | .1 | .0 | | | 3724 | 3727 | 119 | 2 |
| 78/ 77 | | .1 | .6 | 1.4 | 1.1 | .6 | .4 | .3 | .2 | .2 | .2 | .1 | .1 | .1 | | | | 4140 | 4144 | 889 | 8 |
| 76/ 75 | .0 | .2 | 1.4 | 1.3 | 1.0 | .5 | .3 | .3 | .2 | .2 | .2 | .1 | .1 | .1 | | | | 4469 | 4473 | 3365 | 190 |
| 74/ 73 | .0 | .6 | 1.3 | 1.1 | .4 | .4 | .3 | .2 | .2 | .2 | .2 | .1 | .1 | .0 | | | | 3923 | 3924 | 7748 | 954 |
| 72/ 71 | .1 | .6 | 1.2 | .8 | .4 | .4 | .3 | .2 | .2 | .2 | .2 | .1 | .0 | | | | | 3622 | 3622 | 7935 | 3012 |
| 70/ 69 | .1 | .6 | 1.2 | .5 | .5 | .3 | .3 | .2 | .2 | .2 | .2 | .1 | .0 | | | | | 3358 | 3358 | 6123 | 5695 |
| 68/ 67 | .1 | .8 | 1.1 | .5 | .5 | .3 | .3 | .2 | .2 | .2 | .1 | .1 | .0 | | | | | 3407 | 3407 | 4826 | 6140 |
| 66/ 65 | .1 | .7 | .6 | .5 | .3 | .3 | .3 | .2 | .2 | .2 | .1 | .0 | | | | | | 2837 | 2837 | 3948 | 6021 |
| 64/ 63 | .1 | .8 | .6 | .5 | .3 | .3 | .3 | .2 | .3 | .2 | .1 | .0 | | | | | | 2801 | 2801 | 3490 | 5278 |
| 62/ 61 | .1 | .7 | .5 | .4 | .3 | .3 | .3 | .3 | .2 | .2 | .0 | .0 | | | | | | 2518 | 2518 | 3172 | 4514 |
| 60/ 59 | .1 | .7 | .5 | .4 | .3 | .3 | .3 | .3 | .2 | .1 | .0 | | | | | | | 2505 | 2506 | 3137 | 3543 |
| 58/ 57 | .1 | .8 | .5 | .4 | .3 | .3 | .3 | .3 | .2 | .0 | | | | | | | | 2493 | 2494 | 3088 | 3426 |
| 56/ 55 | .1 | .7 | .4 | .4 | .4 | .4 | .3 | .2 | .1 | .0 | | | | | | | | 2312 | 2312 | 2960 | 3334 |
| 54/ 53 | .1 | .5 | .4 | .4 | .4 | .3 | .3 | .2 | .0 | | | | | | | | | 2082 | 2082 | 2874 | 2671 |
| 52/ 51 | .1 | .5 | .5 | .4 | .4 | .4 | .3 | .1 | .0 | | | | | | | | | 2009 | 2009 | 2553 | 2296 |
| 50/ 49 | .1 | .6 | .6 | .4 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | 2105 | 2107 | 2633 | 2052 |
| 48/ 47 | .1 | .5 | .5 | .4 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | 1768 | 1769 | 2795 | 2082 |
| 46/ 45 | .1 | .6 | .4 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | | 1667 | 1667 | 2790 | 2278 |
| 44/ 43 | .1 | .5 | .4 | .4 | .2 | .2 | .0 | .0 | | | | | | | | | | 1457 | 1459 | 2639 | 2068 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-81 (YEARS) ALL (MONTH)

 ALL (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 | | | | |
| 42/ 41 | .1 | .4 | .4 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | | 1272 | 1273 | 2274 | 2170 |
| 40/ 39 | .1 | .3 | .4 | .2 | .2 | .0 | .0 | | | | | | | | | | | 1072 | 1078 | 1946 | 2203 |
| 38/ 37 | .1 | .3 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | | | 831 | 833 | 1606 | 1887 |
| 36/ 35 | .0 | .2 | .3 | .2 | .1 | .0 | | | | | | | | | | | | 689 | 690 | 1234 | 2079 |
| 34/ 33 | .0 | .2 | .3 | .1 | .0 | .0 | | | | | | | | | | | | 507 | 507 | 959 | 1847 |
| 32/ 31 | .0 | .2 | .2 | .1 | .0 | | | | | | | | | | | | | 395 | 395 | 773 | 2351 |
| 30/ 29 | .0 | .1 | .1 | .0 | .0 | | | | | | | | | | | | | 207 | 207 | 642 | 1671 |
| 28/ 27 | .0 | .1 | .1 | .0 | .0 | | | | | | | | | | | | | 140 | 140 | 365 | 1504 |
| 26/ 25 | | .0 | .0 | .0 | | | | | | | | | | | | | | 59 | 59 | 257 | 1432 |
| 24/ 23 | | .0 | .0 | .0 | | | | | | | | | | | | | | 32 | 32 | 104 | 868 |
| 22/ 21 | | .0 | .0 | | | | | | | | | | | | | | | 15 | 15 | 52 | 991 |
| 20/ 19 | | .0 | .0 | | | | | | | | | | | | | | | 12 | 12 | 20 | 970 |
| 18/ 17 | | .0 | .0 | | | | | | | | | | | | | | | 8 | 8 | 18 | 595 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 5 | 423 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 269 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 202 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 130 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 61 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 56 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 29 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 36 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 6 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 4 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | 1.9 | 12.5 | 15.0 | 13.1 | 11.0 | 9.5 | 7.9 | 7.0 | 5.7 | 4.7 | 4.0 | 2.9 | 2.0 | 1.4 | .8 | .4 | .3 | | 77391 | | 77357 |
| | | | | | | | | | | | | | | | | | | 77357 | | 77357 | |

| 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. | 317297310 | 4657802 | 60.2 | 21.824 | 77357 | | | | | | | |
| Dry Bulb | 384509623 | 5311817 | 68.6 | 16.047 | 77391 | | 100.0 | 5130.5 | 3958.2 | 2341.1 | 481.8 | 8760 |
| Wet Bulb | 285005845 | 4587413 | 59.3 | 12.945 | 77357 | | 257.6 | 4489.3 | 363.4 | 5.7 | | 8760 |
| Dew Point | 229603572 | 4036058 | 52.2 | 15.682 | 77357 | 2.0 | 325.5 | 799.8 | 129.7 | .1 | | 8760 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722615 LAUGHLIN AFB TX 69-70,73-81

STATION STATION NAME YEARS

| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-02 | MEAN | 43.5 | 48.5 | 57.0 | 64.4 | 70.4 | 76.9 | 80.1 | 79.5 | 74.7 | 63.3 | 52.7 | 47.0 | 63.3 |
| | S D | 8.208 | 8.946 | 8.364 | 6.747 | 6.009 | 6.112 | 5.230 | 3.863 | 5.704 | 8.552 | 9.816 | 8.631 | 14.670 |
| | TOTAL OBS | 622 | 607 | 713 | 683 | 655 | 638 | 665 | 669 | 547 | 577 | 601 | 620 | 7597 |
| 3-05 | MEAN | 41.7 | 46.3 | 54.3 | 61.7 | 68.1 | 74.1 | 77.0 | 76.5 | 71.9 | 61.4 | 51.0 | 45.3 | 61.4 |
| | S D | 8.355 | 9.090 | 8.796 | 7.270 | 6.136 | 5.695 | 4.099 | 3.234 | 5.879 | 8.545 | 10.474 | 9.188 | 14.270 |
| | TOTAL OBS | 620 | 609 | 724 | 696 | 702 | 687 | 704 | 704 | 641 | 660 | 576 | 593 | 7916 |
| 06-08 | MEAN | 41.2 | 45.0 | 53.5 | 61.7 | 68.4 | 74.1 | 76.5 | 76.0 | 71.3 | 61.4 | 50.5 | 44.7 | 60.5 |
| | S D | 9.173 | 9.228 | 8.850 | 7.485 | 6.051 | 4.956 | 3.660 | 3.364 | 6.081 | 8.456 | 10.417 | 9.398 | 14.586 |
| | TOTAL OBS | 878 | 810 | 900 | 870 | 884 | 853 | 881 | 887 | 845 | 872 | 840 | 832 | 10352 |
| 09-11 | MEAN | 46.8 | 51.9 | 61.1 | 68.9 | 74.8 | 80.8 | 83.2 | 83.4 | 78.6 | 69.5 | 58.2 | 51.6 | 67.6 |
| | S D | 9.068 | 9.176 | 8.395 | 6.514 | 5.732 | 5.188 | 5.369 | 4.260 | 6.427 | 7.468 | 9.215 | 8.038 | 14.540 |
| | TOTAL OBS | 907 | 835 | 925 | 895 | 915 | 891 | 916 | 924 | 884 | 909 | 867 | 880 | 10748 |
| 12-14 | MEAN | 54.1 | 59.8 | 68.9 | 75.8 | 81.4 | 87.7 | 90.3 | 90.8 | 85.2 | 76.4 | 65.4 | 59.4 | 74.7 |
| | S D | 10.620 | 10.875 | 9.351 | 7.413 | 6.839 | 6.216 | 6.610 | 4.821 | 7.329 | 8.406 | 10.153 | 8.818 | 14.887 |
| | TOTAL OBS | 924 | 843 | 930 | 900 | 924 | 900 | 924 | 930 | 894 | 918 | 891 | 903 | 10881 |
| 15-17 | MEAN | 57.5 | 63.9 | 72.8 | 79.5 | 84.6 | 91.1 | 93.5 | 94.0 | 87.5 | 78.5 | 68.1 | 62.6 | 77.9 |
| | S D | 11.508 | 11.972 | 9.530 | 7.825 | 7.468 | 6.744 | 7.081 | 5.079 | 7.889 | 8.689 | 10.737 | 9.353 | 15.077 |
| | TOTAL OBS | 920 | 839 | 926 | 895 | 912 | 886 | 912 | 917 | 879 | 909 | 891 | 894 | 10780 |
| 18-20 | MEAN | 51.7 | 59.0 | 67.8 | 75.4 | 80.5 | 87.8 | 90.4 | 90.2 | 83.3 | 72.5 | 60.9 | 55.9 | 73.2 |
| | S D | 9.840 | 10.937 | 8.957 | 7.741 | 7.107 | 7.213 | 7.359 | 5.796 | 7.349 | 8.364 | 9.741 | 7.973 | 15.599 |
| | TOTAL OBS | 807 | 752 | 843 | 809 | 810 | 817 | 859 | 859 | 815 | 845 | 820 | 809 | 9845 |
| 21-23 | MEAN | 46.0 | 52.3 | 60.5 | 68.3 | 73.9 | 80.8 | 84.0 | 83.7 | 77.6 | 66.7 | 55.0 | 50.4 | 66.8 |
| | S D | 8.432 | 8.848 | 7.928 | 6.932 | 6.300 | 6.557 | 6.176 | 4.557 | 6.329 | 8.181 | 9.420 | 7.912 | 14.923 |
| | TOTAL OBS | 754 | 728 | 837 | 799 | 767 | 762 | 805 | 795 | 752 | 783 | 743 | 747 | 9272 |
| ALL HOURS | MEAN | 48.3 | 53.8 | 62.4 | 69.8 | 75.7 | 82.1 | 84.8 | 84.7 | 79.3 | 69.3 | 58.4 | 52.7 | 68.6 |
| | S D | 11.159 | 11.939 | 11.085 | 9.667 | 8.793 | 8.700 | 8.457 | 7.832 | 8.866 | 10.409 | 11.806 | 10.710 | 16.047 |
| | TOTAL OBS | 6432 | 6023 | 6798 | 6547 | 6569 | 6434 | 6666 | 6685 | 6257 | 6473 | 6229 | 6278 | 77391 |

USAFETAC FORM JUL 64 0-89-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

## WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-81 (YEARS)

| HRS (L S T) | | JAN | FEB | MAR | APR. | MAY | JUN. | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 39.4 | 43.7 | 50.1 | 58.2 | 65.0 | 69.6 | 71.2 | 70.9 | 67.3 | 56.8 | 47.9 | 43.0 | 57.0 |
| | S D | 7.908 | 8.976 | 8.832 | 8.099 | 5.578 | 3.953 | 2.346 | 2.282 | 5.518 | 8.118 | 9.912 | 9.124 | 13.379 |
| | TOTAL OBS | 622 | 604 | 713 | 683 | 655 | 638 | 665 | 669 | 544 | 577 | 601 | 620 | 7591 |
| 03-05 | MEAN | 38.4 | 42.6 | 48.9 | 57.2 | 63.9 | 68.9 | 70.7 | 70.3 | 66.7 | 56.6 | 46.9 | 41.9 | 56.7 |
| | S D | 8.262 | 9.502 | 9.399 | 8.763 | 6.062 | 4.483 | 2.515 | 2.340 | 5.936 | 8.750 | 10.601 | 9.685 | 13.688 |
| | TOTAL OBS | 620 | 606 | 724 | 696 | 702 | 687 | 704 | 704 | 638 | 660 | 576 | 593 | 7910 |
| 06-08 | MEAN | 38.3 | 41.8 | 49.0 | 57.1 | 64.1 | 69.0 | 70.8 | 70.4 | 66.8 | 57.4 | 46.9 | 41.6 | 56.2 |
| | S D | 9.150 | 9.801 | 9.661 | 9.004 | 6.262 | 4.362 | 2.398 | 2.412 | 6.150 | 9.019 | 10.830 | 10.101 | 14.086 |
| | TOTAL OBS | 878 | 807 | 900 | 870 | 884 | 853 | 881 | 887 | 842 | 872 | 840 | 832 | 10346 |
| 09-11 | MEAN | 42.0 | 45.9 | 53.1 | 60.6 | 66.9 | 71.5 | 73.2 | 73.3 | 69.8 | 61.6 | 51.6 | 45.9 | 5[illegible].8 |
| | S D | 8.546 | 8.833 | 8.536 | 7.462 | 5.414 | 3.620 | 2.093 | 1.874 | 5.323 | 7.578 | 9.684 | 8.601 | 13.[illegible]50 |
| | TOTAL OBS | 907 | 833 | 925 | 895 | 915 | 891 | 916 | 924 | 881 | 909 | 867 | 880 | 10743 |
| 12-14 | MEAN | 45.8 | 49.5 | 55.9 | 62.7 | 68.8 | 73.1 | 74.2 | 74.1 | 71.0 | 63.6 | 54.7 | 49.6 | 62.0 |
| | S D | 8.545 | 8.289 | 7.888 | 7.020 | 5.270 | 3.686 | 2.152 | 2.081 | 4.996 | 7.191 | 9.239 | 8.082 | 12.042 |
| | TOTAL OBS | 924 | 843 | 930 | 900 | 923 | 900 | 924 | 930 | 893 | 918 | 891 | 903 | 10879 |
| 15-17 | MEAN | 47.3 | 50.9 | 56.9 | 63.4 | 69.0 | 73.1 | 73.8 | 73.6 | 70.7 | 63.7 | 55.4 | 50.7 | 62.4 |
| | S D | 8.525 | 8.019 | 7.456 | 6.685 | 5.259 | 3.597 | 2.003 | 2.091 | 4.692 | 6.822 | 8.962 | 7.947 | 11.386 |
| | TOTAL OBS | 920 | 839 | 926 | 895 | 912 | 886 | 912 | 917 | 879 | 909 | 891 | 894 | 10780 |
| 18-20 | MEAN | 44.2 | 49.0 | 54.4 | 62.0 | 67.7 | 71.6 | 72.4 | 72.2 | 69.4 | 61.2 | 52.1 | 47.9 | 60.5 |
| | S D | 8.166 | 8.168 | 7.452 | 6.951 | 5.355 | 3.495 | 2.099 | 2.079 | 4.716 | 7.127 | 9.073 | 7.987 | 11.882 |
| | TOTAL OBS | 807 | 749 | 843 | 809 | 810 | 817 | 859 | 859 | 815 | 844 | 820 | 809 | 9841 |
| 21-23 | MEAN | 41.1 | 45.9 | 51.5 | 59.6 | 66.0 | 70.0 | 71.0 | 71.1 | 68.0 | 58.6 | 49.0 | 45.3 | 58.2 |
| | S D | 7.855 | 8.270 | 7.959 | 7.799 | 5.641 | 3.758 | 2.183 | 2.221 | 5.142 | 7.836 | 9.426 | 8.474 | 12.614 |
| | TOTAL OBS | 754 | 725 | 837 | 799 | 767 | 762 | 805 | 794 | 751 | 783 | 743 | 747 | 9267 |
| ALL HOURS | MEAN | 42.4 | 46.4 | 52.7 | 60.2 | 66.6 | 71.0 | 72.3 | 72.1 | 68.9 | 60.2 | 50.9 | 46.1 | 59.3 |
| | S D | 9.004 | 9.282 | 8.888 | 8.058 | 5.909 | 4.193 | 2.599 | 2.591 | 5.544 | 8.246 | 10.190 | 9.310 | 12.945 |
| | TOTAL OBS | 6432 | 6006 | 6798 | 6547 | 6568 | 6434 | 6666 | 6684 | 6243 | 6472 | 6229 | 6278 | 77357 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722615 (STATION) LAUGHLIN AFB TX (STATION NAME) 69-70,73-81 (YEARS)

| HRS (L S T) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 33.8 | 37.3 | 42.3 | 52.4 | 61.6 | 65.8 | 66.6 | 66.5 | 62.9 | 51.5 | 42.7 | 37.6 | 51.8 |
| | S D | 10.444 | 12.789 | 13.670 | 13.251 | 7.075 | 4.877 | 4.572 | 3.311 | 7.415 | 10.488 | 12.599 | 12.208 | 15.751 |
| | TOTAL OBS | 622 | 604 | 713 | 683 | 655 | 638 | 665 | 669 | 544 | 577 | 601 | 620 | 7591 |
| 03-05 | MEAN | 33.6 | 37.5 | 42.7 | 53.0 | 61.3 | 66.1 | 67.4 | 67.2 | 63.7 | 52.5 | 42.3 | 37.3 | 52.6 |
| | S D | 10.561 | 12.920 | 13.752 | 12.908 | 7.340 | 5.385 | 4.323 | 3.027 | 7.207 | 11.072 | 13.186 | 12.494 | 15.907 |
| | TOTAL OBS | 620 | 606 | 724 | 696 | 702 | 687 | 704 | 704 | 638 | 660 | 576 | 593 | 7910 |
| 06-08 | MEAN | 34.1 | 37.1 | 43.8 | 52.8 | 61.2 | 66.2 | 67.9 | 67.7 | 64.1 | 54.0 | 42.7 | 37.3 | 52.5 |
| | S D | 11.324 | 13.046 | 13.347 | 12.959 | 7.804 | 5.890 | 3.814 | 2.914 | 7.165 | 11.145 | 13.613 | 13.000 | 16.135 |
| | TOTAL OBS | 878 | 807 | 900 | 870 | 884 | 853 | 881 | 887 | 842 | 872 | 840 | 832 | 10346 |
| 09-11 | MEAN | 35.5 | 38.6 | 44.9 | 53.6 | 62.0 | 66.9 | 68.5 | 68.6 | 65.1 | 55.6 | 44.6 | 38.8 | 53.7 |
| | S D | 11.620 | 13.137 | 13.778 | 13.117 | 8.070 | 5.339 | 3.562 | 2.656 | 6.913 | 11.187 | 14.214 | 12.911 | 15.992 |
| | TOTAL OBS | 907 | 833 | 925 | 895 | 915 | 891 | 916 | 924 | 881 | 909 | 867 | 880 | 10743 |
| 12-14 | MEAN | 36.0 | 38.0 | 43.6 | 52.4 | 61.4 | 66.1 | 66.7 | 66.4 | 63.6 | 54.5 | 44.4 | 38.7 | 52.8 |
| | S D | 12.003 | 13.155 | 13.866 | 13.668 | 8.808 | 5.876 | 4.355 | 3.687 | 7.088 | 11.540 | 14.462 | 13.477 | 15.828 |
| | TOTAL OBS | 924 | 843 | 930 | 900 | 923 | 900 | 924 | 930 | 893 | 918 | 891 | 903 | 10879 |
| 15-17 | MEAN | 35.6 | 37.1 | 42.2 | 51.0 | 59.7 | 64.1 | 64.2 | 63.6 | 61.7 | 53.2 | 43.4 | 37.9 | 51.2 |
| | S D | 11.993 | 12.829 | 13.648 | 13.844 | 9.764 | 6.482 | 5.026 | 4.277 | 7.272 | 11.204 | 14.155 | 13.455 | 15.437 |
| | TOTAL OBS | 920 | 839 | 926 | 895 | 912 | 886 | 912 | 917 | 879 | 909 | 891 | 894 | 10780 |
| 18-20 | MEAN | 35.0 | 37.8 | 41.2 | 51.4 | 59.7 | 63.3 | 63.3 | 63.1 | 61.6 | 52.6 | 43.2 | 38.4 | 51.1 |
| | S D | 11.492 | 12.736 | 13.503 | 13.540 | 9.694 | 6.198 | 5.440 | 4.389 | 7.289 | 10.905 | 13.186 | 12.884 | 15.042 |
| | TOTAL OBS | 807 | 749 | 843 | 809 | 810 | 817 | 859 | 859 | 815 | 844 | 820 | 809 | 9841 |
| 21-23 | MEAN | 34.5 | 38.1 | 41.8 | 52.0 | 61.0 | 64.3 | 64.2 | 64.5 | 62.5 | 52.1 | 42.6 | 38.9 | 51.5 |
| | S D | 10.754 | 12.561 | 13.218 | 13.593 | 8.091 | 5.671 | 5.382 | 3.994 | 7.097 | 10.844 | 12.641 | 12.163 | 15.127 |
| | TOTAL OBS | 754 | 725 | 837 | 799 | 767 | 762 | 805 | 794 | 751 | 783 | 743 | 747 | 9267 |
| ALL HOURS | MEAN | 34.8 | 37.7 | 42.8 | 52.3 | 61.0 | 65.3 | 66.1 | 65.9 | 63.2 | 53.4 | 43.3 | 38.2 | 52.2 |
| | S D | 11.392 | 12.911 | 13.642 | 13.394 | 8.484 | 5.895 | 4.952 | 4.062 | 7.261 | 11.151 | 13.619 | 12.897 | 15.682 |
| | TOTAL OBS | 6432 | 6006 | 6798 | 6547 | 6568 | 6434 | 6666 | 6684 | 6243 | 6472 | 6229 | 6278 | 77357 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722619 | LAUGHLIN AFB TX | 70,73-81 | JAN
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% | | |
| JAN | 00-02 | 100.0 | 100.0 | 99.2 | 93.6 | 84.1 | 70.1 | 50.2 | 31.2 | 15.6 | 70.7 | 622 |
| | 03-05 | 100.0 | 100.0 | 99.8 | 96.6 | 90.6 | 80.5 | 59.5 | 37.9 | 20.3 | 74.6 | 620 |
| | 06-08 | 100.0 | 100.0 | 99.7 | 97.2 | 92.0 | 83.3 | 67.2 | 46.6 | 27.2 | 77.2 | 678 |
| | 09-11 | 100.0 | 99.9 | 96.1 | 87.5 | 76.1 | 63.7 | 48.3 | 31.1 | 19.0 | 68.0 | 907 |
| | 12-14 | 100.0 | 97.2 | 82.3 | 66.0 | 54.3 | 39.6 | 26.6 | 16.8 | 8.9 | 55.0 | 924 |
| | 15-17 | 100.0 | 93.2 | 73.2 | 57.1 | 42.8 | 29.1 | 19.6 | 10.2 | 5.8 | 48.7 | 920 |
| | 18-20 | 100.0 | 98.5 | 86.9 | 72.5 | 58.5 | 44.1 | 30.2 | 16.5 | 7.3 | 57.2 | 807 |
| | 21-23 | 100.0 | 100.0 | 97.7 | 88.2 | 74.5 | 61.4 | 44.6 | 29.6 | 14.9 | 66.9 | 754 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.6 | 91.9 | 82.6 | 71.6 | 59.0 | 43.3 | 27.5 | 15.3 | 64.8 | 6432 |

USAFETAC FORM AUG 84 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722610 | LAUGHLIN AFB TX | 70,73-81 | 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 | 98.8 | 93.7 | 87.6 | 79.8 | 67.1 | 50.2 | 32.6 | 15.9 | 68.4 | 604 |
| | 03-05 | 100.0 | 99.5 | 97.2 | 92.4 | 84.7 | 76.1 | 62.5 | 44.4 | 23.4 | 72.7 | 606 |
| | 06-08 | 100.0 | 100.0 | 98.5 | 93.8 | 86.7 | 78.2 | 67.9 | 50.2 | 26.6 | 75.9 | 607 |
| | 09-11 | 100.0 | 97.5 | 90.2 | 81.0 | 71.7 | 56.7 | 44.7 | 32.2 | 16.2 | 64.9 | 633 |
| | 12-14 | 99.9 | 88.5 | 74.1 | 60.6 | 46.5 | 34.2 | 22.8 | 13.8 | 5.8 | 50.3 | 843 |
| | 15-17 | 99.8 | 80.5 | 62.1 | 49.2 | 34.0 | 23.6 | 16.2 | 9.9 | 4.2 | 43.4 | 839 |
| | 18-20 | 100.0 | 90.3 | 77.3 | 62.6 | 48.7 | 35.8 | 23.6 | 14.6 | 6.1 | 51.3 | 749 |
| | 21-23 | 100.0 | 97.2 | 89.5 | 81.1 | 69.7 | 53.9 | 40.3 | 24.1 | 9.7 | 62.4 | 725 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 94.3 | 85.3 | 76.0 | 65.2 | 53.5 | 41.0 | 27.7 | 13.5 | 61.3 | 6806 |

USAFETAC FORM AIR 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722-19 LAUGHLIN AFB TX 73-81 MAR
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% | | |
| MAR | 00-02 | 100.0 | 96.9 | 89.9 | 82.5 | 68.9 | 52.9 | 37.4 | 22.9 | 7.6 | 61.8 | 713 |
| | 03-05 | 100.0 | 97.2 | 93.8 | 87.2 | 78.9 | 65.6 | 51.5 | 36.6 | 14.9 | 69.5 | 724 |
| | 06-08 | 100.0 | 99.2 | 96.2 | 90.6 | 84.6 | 74.0 | 60.2 | 43.0 | 17.4 | 72.4 | 900 |
| | 09-11 | 100.0 | 95.6 | 87.0 | 75.0 | 62.9 | 51.1 | 37.0 | 23.7 | 7.7 | 59.8 | 926 |
| | 12-14 | 99.8 | 85.7 | 68.5 | 52.8 | 38.4 | 25.6 | 16.0 | 8.4 | 2.7 | 45.3 | 933 |
| | 15-17 | 99.0 | 75.9 | 57.6 | 39.5 | 24.1 | 15.7 | 9.2 | 4.0 | 1.2 | 38.1 | 926 |
| | 18-20 | 100.0 | 83.2 | 65.6 | 47.7 | 32.9 | 21.0 | 13.3 | 6.3 | 1.9 | 42.8 | 843 |
| | 21-23 | 100.0 | 95.9 | 84.2 | 70.8 | 53.9 | 39.2 | 24.0 | 12.3 | 3.1 | 54.0 | 837 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.9 | 91.2 | 80.4 | 68.3 | 55.6 | 43.1 | 31.1 | 19.7 | 7.1 | 55.3 | 6798 |

USAFETAC FORM AUG 84 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722619 LAUGHLIN AFB TX 70,73-81 APR

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% | | |
| APR | 00-02 | 99.7 | 97.8 | 91.7 | 84.6 | 76.7 | 68.7 | 56.4 | 4[illegible].0 | 14.1 | [illegible] | 663 |
| | 03-05 | 100.0 | 99.0 | 96.1 | 90.1 | 85.6 | 77.2 | 68.0 | 57.3 | 25.4 | 76.0 | 696 |
| | 06-08 | 100.0 | 99.3 | 96.9 | 91.5 | 83.4 | 76.6 | 69.1 | 53.6 | 21.7 | 75.2 | 670 |
| | 09-11 | 99.9 | 95.8 | 87.5 | 78.2 | 69.3 | 60.3 | 45.4 | 27.3 | 7.3 | 62.8 | 895 |
| | 12-14 | 99.2 | 88.0 | 73.6 | 61.4 | 50.1 | 36.2 | 20.4 | [illegible].2 | 2.1 | 49.4 | 900 |
| | 15-17 | 97.9 | 80.3 | 66.0 | 51.7 | 34.1 | 20.0 | 11.4 | 5.4 | 1.5 | 42.4 | 895 |
| | 18-20 | 99.6 | 86.0 | 73.7 | 61.6 | 45.1 | 31.3 | 20.0 | 10.4 | 1.7 | 46.5 | 809 |
| | 21-23 | 100.0 | 95.4 | 87.4 | 76.2 | 66.0 | 54.7 | 40.7 | 24.2 | 5.5 | 60.5 | 799 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.5 | 92.7 | 84.1 | 74.4 | 63.8 | 53.1 | 41.4 | 28.6 | 9.9 | 60.5 | 6547 |

USAFETAC FORM AUG 84 0-87-5 (OL A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

| 72215 | LAUGHLIN AFB TX | 70,73-81 | MAY |
|---|---|---|---|
| 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% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 99.8 | 92.1 | 81.2 | 63.1 | 44.6 | 9.5 | 74.7 | 659 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.6 | 97.0 | 89.2 | 79.5 | 58.0 | 14.8 | 79.7 | 722 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.3 | 96.4 | 87.3 | 75.0 | 58.6 | 13.9 | 78.8 | 884 |
| | 09-11 | 100.0 | 99.9 | 97.8 | 92.2 | 80.5 | 63.7 | 47.2 | 23.6 | 5.6 | 66.6 | 915 |
| | 12-14 | 100.0 | 97.7 | 89.2 | 76.7 | 56.3 | 33.2 | 18.6 | 7.0 | 1.3 | 53.5 | 921 |
| | 15-17 | 99.9 | 92.9 | 78.3 | 58.8 | 39.5 | 22.6 | 13.5 | 4.6 | .3 | 46.7 | 913 |
| | 18-20 | 100.0 | 96.4 | 84.6 | 70.7 | 52.7 | 37.5 | 22.8 | 8.6 | .7 | 52.9 | 913 |
| | 21-23 | 100.0 | 100.0 | 98.7 | 92.7 | 78.2 | 59.5 | 45.9 | 27.0 | 4.6 | 66.0 | 767 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.4 | 93.6 | 86.2 | 74.1 | 59.3 | 45.6 | 29.0 | 6.4 | 64.9 | 6568 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

| STATION | STATION NAME | PERIOD | MONTH |
|---|---|---|---|
| 72251 | LAUGHLIN AFB TX | 70,73-81 | JUN |

## 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 | 99.5 | 95.6 | 89.7 | 76.1 | 51.1 | 25.2 | 6.0 | 70.3 | 630 |
| | 03-05 | 100.0 | 99.9 | 99.9 | 98.6 | 95.2 | 89.1 | 78.9 | 44.5 | 10.6 | 77.3 | 897 |
| | 06-08 | 100.0 | 99.6 | 99.6 | 99.3 | 95.8 | 89.0 | 77.8 | 44.7 | 11.8 | 77.2 | 953 |
| | 09-11 | 100.0 | 99.9 | 99.8 | 95.5 | 82.8 | 59.1 | 33.7 | 12.0 | 3.1 | 64.2 | 891 |
| | 12-14 | 100.0 | 99.3 | 94.0 | 74.9 | 45.4 | 21.7 | 8.7 | 3.7 | 1.1 | 52.6 | 970 |
| | 15-17 | 100.0 | 97.7 | 80.6 | 51.1 | 26.0 | 13.9 | 5.4 | 2.4 | .7 | 42.7 | 886 |
| | 18-20 | 100.0 | 98.4 | 84.7 | 59.4 | 33.8 | 17.4 | 10.7 | 5.3 | .4 | 46.6 | 917 |
| | 21-23 | 100.0 | 100.0 | 96.2 | 87.7 | 70.1 | 44.9 | 24.8 | 12.1 | 3.0 | 59.5 | 762 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.4 | 94.3 | 82.8 | 67.4 | 51.3 | 36.3 | 18.9 | 4.6 | 61.1 | 7434 |

USAFETAC FORM JUL 84 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

| STATION | STATION NAME | PERIOD | MONTH |
|---|---|---|---|
| [illegible] | LAUGHLIN AFB TX | 70,73-81 | JUL |

## 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 | 0-02 | 100.0 | 100.0 | 97.4 | 91.3 | 81.4 | 61.1 | 42.4 | 22.4 | 4.8 | 65.6 | 665 |
| | 03-05 | 100.0 | 100.0 | 99.6 | 95.9 | 91.5 | 82.8 | 64.6 | 39.9 | 8.0 | 73.9 | 704 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 98.5 | 94.9 | 87.7 | 72.5 | 44.2 | 8.5 | 76.0 | 681 |
| | 09-11 | 100.0 | 100.0 | 98.9 | 93.0 | 79.0 | 55.8 | 31.0 | 12.8 | 2.3 | 62.3 | 916 |
| | 12-14 | 100.0 | 99.6 | 88.4 | 64.5 | 39.4 | 17.9 | 8.3 | 4.3 | 1.7 | 48.1 | 994 |
| | 15-17 | 100.0 | 97.1 | 67.8 | 42.8 | 20.7 | 10.5 | 7.0 | 3.9 | 1.5 | 40.7 | 912 |
| | 18-20 | 100.0 | 97.6 | 72.3 | 46.2 | 29.2 | 17.3 | 10.0 | 5.5 | 2.3 | 43.4 | 859 |
| | 21-23 | 100.0 | 99.5 | 92.0 | 72.4 | 52.3 | 35.5 | 24.7 | 11.3 | 2.4 | 54.6 | 805 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.5 | 89.6 | 75.6 | 61.1 | 46.1 | 32.7 | 16.0 | 4.3 | 56.2 | 8666 |

USAFETAC FORM 0-87-5 (OL A)

...L CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

| STATION | STATION NAME | PERIOD | MONTH |
|---|---|---|---|
| ...15 | LAUGHLIN AFB TX | 70,73-81 | AUG |

## 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% | | |
| ...G | 00-02 | 100.0 | 100.0 | 100.0 | 96.5 | 92.7 | 62.2 | 32.6 | 14.0 | 1.0 | 65.2 | 569 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 90.8 | 65.2 | 25.6 | 1.0 | 73.4 | 794 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 93.6 | 76.3 | 33.4 | 2.4 | 75.8 | 887 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 97.7 | 85.6 | 51.8 | 19.4 | 3.8 | .6 | 61.7 | 924 |
| | 12-14 | 100.0 | 99.9 | 96.1 | 65.8 | 26.1 | 9.5 | 3.2 | 1.2 | .3 | 45.6 | 930 |
| | 15-17 | 100.0 | 99.8 | 76.1 | 28.5 | 10.9 | 5.1 | 2.1 | 1.3 | .3 | 37.8 | 917 |
| | 18-20 | 100.0 | 99.8 | 84.1 | 42.0 | 22.6 | 11.6 | 5.4 | 1.6 | .3 | 42.3 | 859 |
| | 21-23 | 100.0 | 100.0 | 99.7 | 84.0 | 55.0 | 27.1 | 13.4 | 3.3 | .3 | 53.9 | 794 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 94.5 | 77.1 | 51.3 | 44.0 | 27.2 | 10.3 | .8 | 57.0 | 6684 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722815 LAUGHLIN AFB TX 69-70,73-80 SEP

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% | | |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 97.6 | 86.4 | 67.6 | 48.0 | 22.2 | 3.5 | 68.1 | 544 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.8 | 98.0 | 89.5 | 71.2 | 42.6 | 4.9 | 76.0 | 673 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 98.5 | 95.1 | 80.4 | 51.1 | 6.1 | 78.5 | 842 |
| | 09-11 | 100.0 | 100.0 | 99.2 | 95.1 | 85.2 | 62.9 | 35.4 | 10.6 | 2.5 | 64.6 | 881 |
| | 12-14 | 100.0 | 99.2 | 93.2 | 74.5 | 45.6 | 19.6 | 8.3 | 4.3 | .2 | 52.2 | 893 |
| | 15-17 | 100.0 | 97.8 | 80.5 | 55.1 | 27.9 | 13.8 | 8.6 | 3.2 | .5 | 44.4 | 879 |
| | 18-20 | 100.0 | 99.1 | 89.3 | 68.5 | 47.2 | 25.3 | 14.5 | 6.1 | .9 | 50.6 | 819 |
| | 21-23 | 100.0 | 100.0 | 99.5 | 90.0 | 72.7 | 52.5 | 31.4 | 12.6 | 2.3 | 61.5 | 751 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.5 | 95.2 | 85.1 | 70.2 | 53.3 | 37.2 | 19.8 | 2.6 | 61.7 | 6243 |

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

7.2015 LAUGHLIN AFB TX 69-70,73-80 OCT

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% | | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 93.4 | 80.2 | 66.2 | 47.1 | 24.4 | 4.2 | 67.2 | 577 |
| | 03-05 | 100.0 | 99.6 | 99.2 | 96.5 | 88.9 | 80.0 | 62.9 | 43.6 | 10.0 | 74.1 | 660 |
| | 06-08 | 100.0 | 100.0 | 99.7 | 98.4 | 93.3 | 86.1 | 73.6 | 51.8 | 16.1 | 77.8 | 872 |
| | 09-11 | 100.0 | 99.0 | 94.6 | 86.6 | 75.2 | 59.4 | 40.3 | 23.0 | 4.7 | 64.0 | 909 |
| | 12-14 | 100.0 | 96.7 | 83.2 | 66.0 | 47.3 | 29.0 | 15.9 | 7.7 | 1.9 | 50.2 | 918 |
| | 15-17 | 100.0 | 94.9 | 75.7 | 54.5 | 32.7 | 19.6 | 9.9 | 5.3 | 1.7 | 44.9 | 909 |
| | 18-20 | 100.0 | 98.1 | 87.8 | 70.5 | 49.8 | 34.4 | 19.7 | 8.9 | 1.5 | 53.7 | 844 |
| | 21-23 | 100.0 | 100.0 | 97.3 | 86.0 | 71.4 | 52.4 | 33.5 | 16.1 | 2.8 | 61.6 | 793 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.6 | 92.2 | 81.5 | 67.4 | 53.4 | 37.9 | 22.6 | 5.4 | 61.6 | 6472 |

USAFETAC FORM AIR 64 0-87-5 (OL A)

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

| STATION | STATION NAME | PERIOD | MONTH |
|---|---|---|---|
| 722615 | LAUGHLIN AFB TX | 69-70,73-80 | NOV |

## 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 | 99.3 | 93.8 | 84.4 | 72.5 | 57.4 | 33.1 | 8.3 | 70.6 | 601 |
| | 03-05 | 100.0 | 99.5 | 98.8 | 96.2 | 88.2 | 78.6 | 64.4 | 40.8 | 13.0 | 73.9 | 576 |
| | 06-08 | 100.0 | 99.9 | 98.3 | 96.0 | 90.7 | 82.3 | 69.6 | 51.0 | 20.6 | 76.3 | 640 |
| | 09-11 | 100.0 | 98.7 | 93.5 | 81.8 | 69.8 | 56.3 | 43.4 | 30.6 | 9.6 | 64.0 | 367 |
| | 12-14 | 100.0 | 92.8 | 77.7 | 62.0 | 48.4 | 34.1 | 22.0 | 12.1 | 3.6 | 51.1 | 891 |
| | 15-17 | 100.0 | 97.9 | 72.4 | 53.4 | 35.9 | 22.3 | 14.7 | 7.5 | 2.4 | 45.4 | 891 |
| | 18-20 | 100.0 | 98.5 | 88.3 | 73.7 | 57.2 | 40.4 | 23.5 | 12.4 | 3.5 | 55.5 | 320 |
| | 21-23 | 100.0 | 100.0 | 97.4 | 89.0 | 77.5 | 61.4 | 43.3 | 20.7 | 5.9 | 65.1 | 743 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 97.2 | 90.7 | 80.7 | 69.0 | 56.0 | 42.3 | 26.3 | 8.4 | 60.7 | 6229 |

USAFETAC FORM JUN 64 0-87-5 (OL A)

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722715 LAUGHLIN AFB TX 60-70,73-80 DEC

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% | | |
| DEC | 00-02 | 100.0 | 100.0 | 98.7 | 93.2 | 86.0 | 74.0 | 56.5 | 33.2 | 16.8 | 71.6 | 620 |
| | 03-05 | 100.0 | 100.0 | 99.2 | 94.9 | 88.5 | 79.9 | 65.6 | 42.2 | 21.6 | 75.3 | 593 |
| | 06-08 | 100.0 | 100.0 | 99.6 | 95.7 | 90.7 | 80.8 | 66.9 | 47.7 | 26.9 | 76.9 | 632 |
| | 09-11 | 100.0 | 99.2 | 94.7 | 83.5 | 69.3 | 56.9 | 43.1 | 29.3 | 17.3 | 69.2 | 882 |
| | 12-14 | 99.7 | 93.2 | 79.3 | 60.0 | 45.0 | 31.7 | 21.7 | 15.2 | 7.2 | 51.3 | 903 |
| | 15-17 | 99.6 | 88.6 | 66.6 | 49.4 | 35.7 | 22.1 | 15.7 | 9.7 | 2.0 | 44.8 | 894 |
| | 18-20 | 100.0 | 96.9 | 86.8 | 72.1 | 54.8 | 41.0 | 27.2 | 17.6 | 6.2 | 55.9 | 809 |
| | 21-23 | 100.0 | 99.5 | 96.0 | 89.2 | 79.4 | 63.2 | 43.9 | 30.1 | 13.9 | 67.5 | 747 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.9 | 97.2 | 90.1 | 79.8 | 68.7 | 56.2 | 42.6 | 28.1 | 14.0 | 63.5 | 6278 |

USAPETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722615 | LAUGHLIN AFB TX | 69-70,73-81 | ALL
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% | | |
| JAN | ALL | 100.0 | 98.6 | 91.9 | 82.6 | 71.6 | 59.0 | 43.3 | 27.5 | 15.3 | 64.8 | 6432 |
| FEB | | 100.0 | 94.3 | 85.3 | 76.0 | 65.2 | 53.5 | 41.0 | 27.7 | 13.5 | 61.3 | 6006 |
| MAR | | 99.9 | 91.2 | 80.4 | 68.3 | 55.6 | 43.1 | 31.1 | 19.7 | 7.1 | 55.3 | 6798 |
| APR | | 99.5 | 92.7 | 84.1 | 74.4 | 63.8 | 53.1 | 41.4 | 26.6 | 9.9 | 60.5 | 6547 |
| MAY | | 100.0 | 98.4 | 93.6 | 86.2 | 74.1 | 59.3 | 45.6 | 29.0 | 6.4 | 64.9 | 6566 |
| JUN | | 100.0 | 99.4 | 94.3 | 82.8 | 67.4 | 51.3 | 36.3 | 18.9 | 4.6 | 61.1 | 6434 |
| JUL | | 100.0 | 99.3 | 89.6 | 75.6 | 61.1 | 46.1 | 32.7 | 18.0 | 4.0 | 59.2 | 6666 |
| AUG | | 100.0 | 99.9 | 94.5 | 77.1 | 61.3 | 44.0 | 27.2 | 13.3 | .8 | 57.0 | 6684 |
| SEP | | 100.0 | 99.5 | 95.2 | 85.1 | 70.2 | 53.3 | 37.2 | 19.0 | 2.6 | 61.7 | 6243 |
| OCT | | 100.0 | 98.6 | 92.2 | 81.5 | 67.4 | 53.4 | 37.9 | 22.6 | 5.4 | 61.6 | 6472 |
| NOV | | 100.0 | 97.2 | 90.7 | 80.7 | 69.0 | 56.0 | 42.3 | 26.3 | 8.4 | 62.7 | 6229 |
| DEC | | 99.9 | 97.2 | 90.1 | 79.8 | 68.7 | 56.2 | 42.6 | 26.1 | 14.0 | 63.5 | 6278 |
| TOTALS | | 99.9 | 97.2 | 90.2 | 79.2 | 66.3 | 52.4 | 38.2 | 23.0 | 7.7 | 61.1 | 77357 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART F PRESSURE SUMMARY

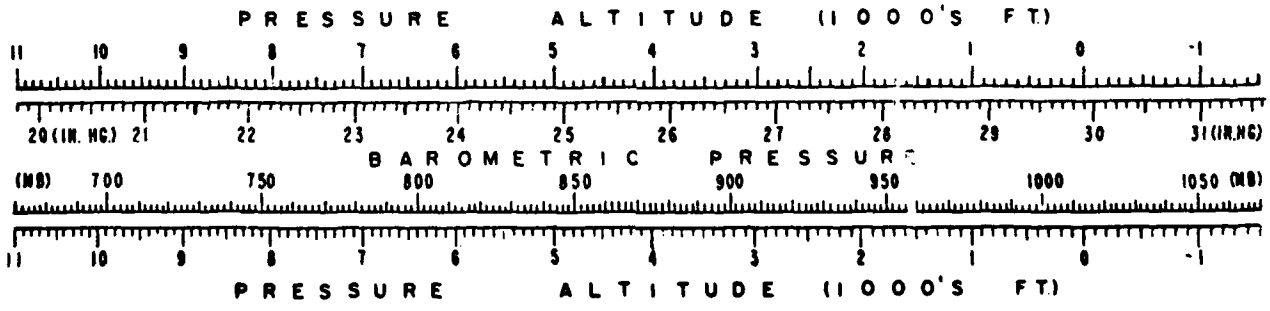
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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 by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented 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.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

722915 — STATION
LAUGHLIN AFB TX — STATION NAME
69-70,73-81 — YEARS

| HRS (L S T) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | MEAN | 28.983 | 28.957 | 28.802 | 28.791 | 28.735 | 28.791 | 28.821 | 28.823 | 28.825 | 28.890 | 28.951 | 28.957 | 28.862 |
| | S D | .194 | .192 | .178 | .154 | .127 | .097 | .063 | .071 | .100 | .148 | .185 | .194 | .172 |
| | TOTAL OBS | 250 | 239 | 279 | 262 | 221 | 217 | 226 | 229 | 186 | 202 | 240 | 248 | 2799 |
| | MEAN | 28.978 | 28.934 | 28.812 | 28.790 | 28.718 | 28.783 | 28.818 | 28.822 | 28.823 | 28.881 | 28.937 | 28.968 | 28.851 |
| | S D | .194 | .190 | .179 | .146 | .126 | .098 | .063 | .070 | .099 | .149 | .178 | .198 | .166 |
| | TOTAL OBS | 186 | 184 | 217 | 210 | 217 | 210 | 217 | 217 | 180 | 188 | 180 | 186 | 2392 |
| 6 | MEAN | 28.966 | 28.947 | 28.811 | 28.796 | 28.753 | 28.801 | 28.836 | 28.829 | 28.829 | 28.888 | 28.950 | 28.946 | 28.862 |
| | S D | .192 | .192 | .173 | .160 | .142 | .104 | .061 | .076 | .103 | .159 | .186 | .190 | .166 |
| | TOTAL OBS | 292 | 270 | 300 | 289 | 292 | 281 | 291 | 293 | 279 | 290 | 280 | 272 | 3429 |
| 9 | MEAN | 29.014 | 28.995 | 28.860 | 28.840 | 28.790 | 28.833 | 28.868 | 28.863 | 28.867 | 28.934 | 28.999 | 28.995 | 28.903 |
| | S D | .193 | .191 | .175 | .161 | .142 | .107 | .063 | .071 | .103 | .157 | .186 | .190 | .168 |
| | TOTAL OBS | 295 | 274 | 305 | 295 | 300 | 291 | 300 | 304 | 288 | 298 | 280 | 283 | 3513 |
| 12 | MEAN | 29.008 | 28.994 | 28.845 | 28.823 | 28.772 | 28.815 | 28.851 | 28.849 | 28.853 | 28.916 | 28.978 | 28.986 | 28.890 |
| | S D | .195 | .191 | .177 | .160 | .144 | .107 | .063 | .069 | .104 | .154 | .189 | .187 | .170 |
| | TOTAL OBS | 308 | 281 | 310 | 300 | 308 | 300 | 308 | 310 | 298 | 306 | 297 | 301 | 3627 |
| 15 | MEAN | 28.921 | 28.903 | 28.755 | 28.749 | 28.707 | 28.755 | 28.791 | 28.781 | 28.782 | 28.842 | 28.898 | 28.901 | 28.815 |
| | S D | .196 | .194 | .177 | .163 | .144 | .109 | .064 | .070 | .105 | .154 | .188 | .186 | .168 |
| | TOTAL OBS | 308 | 281 | 310 | 300 | 308 | 300 | 308 | 310 | 298 | 306 | 297 | 301 | 3627 |
| 18 | MEAN | 28.927 | 28.892 | 28.732 | 28.714 | 28.678 | 28.720 | 28.751 | 28.746 | 28.762 | 28.830 | 28.899 | 28.904 | 28.796 |
| | S D | .197 | .191 | .180 | .162 | .140 | .107 | .067 | .073 | .106 | .156 | .187 | .188 | .174 |
| | TOTAL OBS | 283 | 256 | 285 | 274 | 274 | 280 | 293 | 295 | 282 | 291 | 288 | 286 | 3387 |
| 21 | MEAN | 28.972 | 28.935 | 28.779 | 28.761 | 28.718 | 28.759 | 28.781 | 28.785 | 28.806 | 28.868 | 28.940 | 28.944 | 28.835 |
| | S D | .195 | .192 | .182 | .162 | .136 | .100 | .067 | .072 | .106 | .157 | .189 | .189 | .173 |
| | TOTAL OBS | 254 | 244 | 279 | 267 | 265 | 263 | 278 | 276 | 261 | 272 | 251 | 250 | 3160 |
| ALL HOURS | MEAN | 28.971 | 28.945 | 28.800 | 28.784 | 28.735 | 28.782 | 28.815 | 28.812 | 28.818 | 28.881 | 28.944 | 28.949 | 28.852 |
| | S D | .197 | .195 | .182 | .163 | .143 | .110 | .074 | .081 | .109 | .158 | .189 | .192 | .173 |
| | TOTAL OBS | 2176 | 2029 | 2285 | 2197 | 2185 | 2142 | 2221 | 2234 | 2072 | 2153 | 2113 | 2127 | 25934 |

GLOBAL CLIMATOLOGY BRANCH
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# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

722615 LAUGHLIN AFB TX 69-70,73-81

STATION STATION NAME YEARS

| HRS (L S T) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | MEAN | 1021.0 | 1019.9 | 1014.0 | 1013.3 | 1011.1 | 1012.9 | 1013.8 | 1013.9 | 1014.1 | 1016.8 | 1019.4 | 1019.8 | 1015.9 |
| | S D | 7.106 | 6.973 | 6.505 | 5.618 | 4.586 | 3.510 | 2.339 | 2.541 | 3.642 | 5.448 | 6.809 | 7.085 | 6.428 |
| | TOTAL OBS | 250 | 239 | 279 | 262 | 221 | 217 | 226 | 229 | 186 | 202 | 240 | 248 | 2799 |
| | MEAN | 1020.8 | 1019.0 | 1014.3 | 1013.2 | 1010.5 | 1012.5 | 1013.7 | 1013.8 | 1014.0 | 1016.5 | 1018.9 | 1020.2 | 1015.4 |
| | S D | 7.096 | 6.977 | 6.539 | 5.322 | 4.543 | 3.559 | 2.301 | 2.521 | 3.591 | 5.522 | 6.576 | 7.475 | 6.247 |
| | TOTAL OBS | 186 | 184 | 217 | 210 | 216 | 210 | 217 | 217 | 180 | 188 | 180 | 186 | 2391 |
| | MEAN | 1020.4 | 1019.5 | 1014.3 | 1013.5 | 1011.7 | 1013.1 | 1014.3 | 1014.0 | 1014.2 | 1016.7 | 1019.4 | 1019.5 | 1015.8 |
| | S D | 7.117 | 7.024 | 6.337 | 5.809 | 5.159 | 3.806 | 2.257 | 2.867 | 3.770 | 5.930 | 6.837 | 6.945 | 6.259 |
| | TOTAL OBS | 292 | 270 | 300 | 289 | 292 | 280 | 291 | 293 | 279 | 290 | 280 | 272 | 3428 |
| | MEAN | 1022.1 | 1021.2 | 1016.1 | 1015.1 | 1013.0 | 1014.3 | 1015.5 | 1015.3 | 1015.6 | 1018.4 | 1021.1 | 1021.3 | 1017.3 |
| | S D | 7.114 | 7.031 | 6.445 | 5.812 | 5.186 | 3.886 | 2.293 | 2.657 | 3.790 | 5.821 | 6.815 | 6.964 | 6.336 |
| | TOTAL OBS | 295 | 274 | 305 | 295 | 300 | 291 | 299 | 303 | 288 | 298 | 280 | 282 | 3510 |
| 12 | MEAN | 1021.8 | 1021.1 | 1015.5 | 1014.4 | 1012.3 | 1013.6 | 1014.9 | 1014.8 | 1015.1 | 1017.7 | 1020.3 | 1020.8 | 1016.8 |
| | S D | 7.150 | 7.045 | 6.480 | 5.832 | 5.210 | 3.857 | 2.322 | 2.515 | 3.800 | 5.700 | 6.930 | 6.817 | 6.389 |
| | TOTAL OBS | 308 | 281 | 310 | 299 | 308 | 299 | 308 | 310 | 298 | 306 | 297 | 301 | 3625 |
| | MEAN | 1018.7 | 1017.9 | 1012.3 | 1011.7 | 1010.0 | 1011.5 | 1012.7 | 1012.3 | 1012.5 | 1015.0 | 1017.4 | 1017.8 | 1014.4 |
| | S D | 7.168 | 7.037 | 6.486 | 5.945 | 5.268 | 3.933 | 2.354 | 2.553 | 3.838 | 5.679 | 6.904 | 6.792 | 6.270 |
| | TOTAL OBS | 307 | 281 | 309 | 300 | 308 | 299 | 307 | 310 | 297 | 306 | 297 | 301 | 3622 |
| | MEAN | 1019.0 | 1017.5 | 1011.5 | 1010.6 | 1009.0 | 1010.3 | 1011.3 | 1011.1 | 1011.8 | 1014.7 | 1017.6 | 1018.0 | 1013.5 |
| | S D | 7.195 | 6.971 | 6.577 | 5.932 | 5.088 | 3.837 | 2.418 | 2.643 | 3.894 | 5.734 | 6.871 | 6.928 | 6.524 |
| | TOTAL OBS | 283 | 256 | 285 | 274 | 274 | 280 | 293 | 295 | 281 | 291 | 288 | 286 | 3386 |
| | MEAN | 1020.6 | 1019.2 | 1013.2 | 1012.3 | 1010.5 | 1011.7 | 1012.4 | 1012.5 | 1013.4 | 1016.1 | 1019.1 | 1019.5 | 1014.9 |
| | S D | 7.144 | 6.958 | 6.618 | 5.871 | 4.914 | 3.610 | 2.487 | 2.611 | 3.887 | 5.804 | 6.898 | 6.908 | 6.500 |
| | TOTAL OBS | 254 | 243 | 279 | 267 | 265 | 263 | 278 | 276 | 261 | 271 | 251 | 250 | 3158 |
| ALL HOURS | MEAN | 1020.5 | 1019.4 | 1013.9 | 1013.0 | 1011.0 | 1012.5 | 1013.6 | 1013.5 | 1013.8 | 1016.5 | 1019.1 | 1019.6 | 1015.5 |
| | S D | 7.224 | 7.113 | 6.649 | 5.940 | 5.179 | 3.965 | 2.695 | 2.935 | 3.979 | 5.844 | 6.941 | 7.060 | 6.492 |
| | TOTAL OBS | 2175 | 2028 | 2284 | 2196 | 2184 | 2139 | 2219 | 2233 | 2070 | 2152 | 2113 | 2126 | 25919 |

USAFETAC FORM JUL 64 0-89-5 (OL-1)

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