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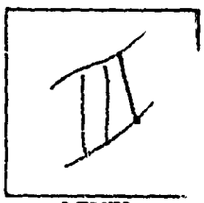

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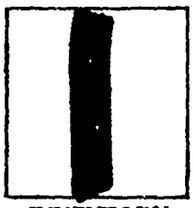

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| 1 REPORT NUMBER<br>USAFETAC/DS- 81/026 | 2 GOVT ACCESSION NO. | 3. RECIPIENT'S CATALOG NUMBER |
| 4. TITLE (and Subtitle)<br>Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Biggs AAF, El Paso, Texas | | 5 TYPE OF REPORT & PERIOD COVERED<br>Final rept.<br>6 PERFORMING ORG. REPORT NUMBER |
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18 SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statisitical summary of surface weather observations for Biggs AAF, El Paso, 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) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

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

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.

USAFETAC/DS-81/026

ADE 850

# DATA PROCESSING DIVISION
# USAFETAC
## Air Weather Service ( MAC )

AD A095335

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

BIGGS AAF TX (EL PASO) WBAN #23044
N 31 48 W 106 24 FLD ELEV 3913 FT ELP WMO #72270

PARTS A-F
POR FROM HOURLY OBS: SEP 72 - AUG 80

POR FROM DAILY OBS: JAN 50 - AUG 80

TIME CONVERSION GMT TO LST: -7

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This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

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Technical Information Section
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For the Commander

Walter S. Burgmann

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer

13 FEB 1981

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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_____



AFCRL 29058

THIS RUSSWO WAS DEVELOPED USING METEOROLOGICAL OBSERVATIONS FOR EL PASO IAP WITH WBAN #23044

| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | FIELD ELEV (FT.) | CALL SIGN | WMO NUMBER |
|---|---|---|---|---|---|---|
| 23019/23044 | BIGGS AFB/EL PASO TEXAS | N 31 50 | W 106 24 | 3961 | KBIF/ELP | 72270 |

# 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) | HT. BARO. | |
| 1 | Biggs Field AAF Wea Station | AAF | Apr 41 | Jun 48 | N 31 50 | W 106 24 | 3961 | | 24 |
| 2 | Biggs AFB | AFB | Jun 48 | Oct 60 | Same | Same | Same | | 24 |
| 3 | Same | Same | Mar 66 | Apr 66 | Same | Same | Same | | 14 |
| 4 | El Paso IAP, TX | W | May 66 | Sep 72 | N 31 48 | Same | 3956 | 3956 | 8 (punc |
| 5 | Same | Same | Oct 72 | Sep 80 | Same | Same | Same | Same | 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 | Apr 41 | N/A | N/A | N/A | N/A | |
| 2 | 17 Apr 53 | Located on Roof of Hangar adjacent to Wea Station | Selsyn | ML-144-B | 50 FT | |
| 3 | 31 May 55 | Located midway down runway 03-21 | Same | ML-143-D | 13 FT | |
| 4 | 26 Sep 56 | Located 800 ft South of centerline of runway 03-21, 1500 ft East of North-South taxi strip | AN/GMQ-11 | RO-2 | Same | |
| 5 | 2 Apr 59 | 800 ft S centerline of runway 03 & 21, approx. 2000 ft E or NS taxi strip | AN/GMQ-11 | RO-2 | 13 FT | |

USAFETAC FORM NOV 73 0-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

| 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 | |
| 6 | 21 Oct 60 | 1. 1000 ft SW of end of runway 21 and 800 ft NW of center of rnwy | Same | Same | Same | |
| | | 2. 1200 ft NE of end of runway 03 and 500 ft NW of center of rnwy | Same | Same | Same | |
| 7 | May 66 | Located on Field | F420C | None | 20 FT | |

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# 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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | 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 | | 3.9 | | 1.3 | | 5.0 | 1.3 | 1.2 | | .4 | 3.0 | 743 |
| | 03-05 | .1 | 4.2 | | 3.1 | .1 | 7.1 | 1.5 | 2.4 | | .7 | 4.6 | 744 |
| | 06-08 | | 3.8 | | 3.4 | | 6.9 | 2.0 | .4 | | | 2.4 | 744 |
| | 09-11 | | 3.4 | | 4.2 | | 7.4 | 1.6 | 2.3 | | .3 | 4.2 | 744 |
| | 12-14 | | 3.9 | | 2.2 | | 6.1 | 1.5 | .7 | | | 2.0 | 743 |
| | 15-17 | | 3.0 | | 1.5 | | 4.4 | .5 | 2.6 | | .7 | 3.8 | 743 |
| | 18-20 | .1 | 3.4 | | 1.3 | | 4.7 | .4 | | | .4 | .8 | 744 |
| | 21-23 | .1 | 4.2 | | 1.1 | | 5.2 | .7 | 2.4 | | .5 | 3.6 | 744 |
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| | | | | | | | | | | | | | |
| TOTALS | | .0 | 3.7 | | 2.3 | .0 | 5.9 | 1.2 | 1.5 | | .4 | 3.1 | 5949 |

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# WEATHER CONDITIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) AUG (MONTH)

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

| MONTH | HOURS (L S T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | UST A D/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG | 00-02 | 1.7 | 4.6 | | | | 4.6 | .1 | | | | .1 | 743 |
| | 03-05 | .9 | 3.2 | | | | 3.2 | | 1.5 | | | 1.5 | 744 |
| | 06-08 | .1 | 2.4 | | | | 2.4 | | | | | | 744 |
| | 09-11 | | 2.7 | | | | 2.7 | .1 | 1.1 | | .1 | 1.3 | 744 |
| | 12-14 | 1.5 | 2.4 | | | | 2.4 | | | | | | 744 |
| | 15-17 | 3.9 | 4.6 | | | | 4.6 | | .3 | | | .3 | 743 |
| | 18-20 | 4.7 | 5.5 | | | | 5.5 | | | | .5 | .5 | 741 |
| | 21-23 | 2.6 | 3.8 | | | | 3.8 | | .9 | | .7 | 1.6 | 741 |
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| | | | | | | | | | | | | | |
| TOTALS | | 1.9 | 3.7 | | | | 3.7 | .0 | .5 | | .2 | .7 | 5944 |

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# WEATHER CONDITIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (MONTH)

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

| MONTH | HOURS (LST) | 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 | 2.3 | 6.3 | | | | 6.3 | | | | .1 | .1 | 744 |
| | 03-05 | .9 | 4.0 | | | | 4.0 | | 2.2 | | | 2.2 | 744 |
| | 06-08 | .1 | 2.0 | | | | 2.0 | | .3 | | | .3 | 744 |
| | 09-11 | .5 | 1.3 | | | | 1.3 | .1 | 2.6 | | | 2.7 | 744 |
| | 12-14 | 2.2 | 3.2 | | | | 3.2 | | | | .1 | .1 | 744 |
| | 15-17 | 3.9 | 4.2 | | | | 4.2 | | .1 | | .3 | .4 | 744 |
| | 18-20 | 4.0 | 4.3 | | | | 4.3 | | | | .1 | .1 | 744 |
| | 21-23 | 2.7 | 6.0 | | | | 6.0 | | .3 | | .3 | .5 | 744 |
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| | | | | | | | | | | | | | |
| TOTALS | | 2.1 | 3.9 | | | | 3.9 | .0 | .7 | | .1 | .8 | 5952 |

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# WEATHER CONDITIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | .7 | 1.4 | | | | 1.4 | | .1 | | .3 | .4 | 720 |
| | 03-05 | | .8 | | | | .8 | | 3.8 | | .1 | 3.9 | 718 |
| | 06-08 | | .8 | | | | .8 | | .1 | | | .1 | 719 |
| | 09-11 | | .7 | | | | .7 | | 1.7 | | .1 | 1.8 | 720 |
| | 12-14 | .3 | .4 | | | | .4 | | | | | | 717 |
| | 15-17 | 1.1 | 1.1 | | | | 1.1 | | | | 1.3 | 1.3 | 719 |
| | 18-20 | 1.7 | 2.4 | | | | 2.4 | | | | .6 | .6 | 720 |
| | 21-23 | 1.4 | 2.6 | | | | 2.6 | | 1.1 | | .7 | 1.8 | 719 |
| | | | | | | | | | | | | | |
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| TOTALS | | .7 | 1.3 | | | | 1.3 | | .9 | | .4 | 1.2 | 5752 |

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# WEATHER CONDITIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L S T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY | 00-02 | .1 | 1.6 | | | | 1.6 | | | | | | 744 |
| | 03-05 | .3 | .8 | | | | .8 | | 1.7 | | | 1.7 | 744 |
| | 06-08 | | 1.2 | | | | 1.2 | .1 | | | | .1 | 744 |
| | 09-11 | .1 | 1.3 | | | | 1.3 | | 2.6 | | .3 | 2.8 | 744 |
| | 12-14 | .1 | .3 | | | | .3 | | | | .3 | .3 | 743 |
| | 15-17 | 1.5 | 1.7 | | | | 1.7 | | .1 | | 1.3 | 1.5 | 744 |
| | 18-20 | 2.2 | 3.1 | | | | 3.1 | | | | .1 | .1 | 744 |
| | 21-23 | 1.1 | 1.6 | | | | 1.6 | | .5 | | .5 | 1.1 | 743 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 1.5 | | | | 1.5 | .0 | .6 | | .3 | 1.0 | 5950 |

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# WEATHER CONDITIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L S T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APR | 00-02 | .1 | .8 | | .4 | | 1.1 | | .3 | | .4 | .7 | 719 |
| | 03-05 | | 1.1 | | .7 | | 1.4 | | 2.1 | | | 2.1 | 720 |
| | 06-08 | | .7 | | .6 | | 1.3 | .3 | .6 | | | .8 | 720 |
| | 09-11 | .1 | .8 | | .4 | .1 | 1.4 | .1 | 1.7 | | 1.5 | 3.3 | 719 |
| | 12-14 | | .6 | | .3 | | .8 | .1 | | | 2.4 | 2.5 | 720 |
| | 15-17 | .1 | .3 | | | | .3 | | 1.5 | | 5.3 | 6.8 | 720 |
| | 18-20 | .3 | .6 | | | | .6 | | | | 2.1 | 2.1 | 719 |
| | 21-23 | .3 | 1.0 | | .4 | | 1.4 | | .4 | | 1.8 | 2.2 | 720 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | .7 | | .4 | .0 | 1.0 | .1 | .8 | | 1.7 | 2.6 | 5757 |

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# WEATHER CONDITIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | 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 | | .9 | | .3 | | 1.1 | | | | .1 | .1 | 744 |
| | 03-05 | | 1.6 | | .4 | | 2.0 | | 1.2 | | .5 | 1.7 | 744 |
| | 06-08 | | .9 | | .4 | | 1.3 | .4 | | | | .4 | 744 |
| | 09-11 | | 1.1 | | .3 | | 1.2 | .1 | 2.3 | | 1.9 | 4.3 | 743 |
| | 12-14 | | 1.5 | | .1 | | 1.5 | | | | 3.1 | 3.1 | 744 |
| | 15-17 | .1 | .8 | | | | .8 | | .5 | | 5.5 | 6.0 | 744 |
| | 18-20 | | 1.1 | | | | 1.1 | .1 | | | .7 | .8 | 744 |
| | 21-23 | | 1.2 | | .1 | | 1.3 | | 1.6 | | 1.6 | 3.2 | 744 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 1.1 | | .2 | | 1.3 | .1 | .7 | | 1.7 | 2.5 | 5951 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FEB | 00-02 | | 2.7 | | 1.0 | | 3.7 | .4 | .1 | | | .6 | 678 |
| | 03-05 | | 2.1 | | 1.0 | | 3.1 | 1.2 | 1.8 | | .3 | 3.2 | 678 |
| | 06-08 | | 4.1 | | .7 | | 4.7 | 2.5 | .1 | | .1 | 2.7 | 678 |
| | 09-11 | | 2.9 | | .9 | | 3.8 | 3.1 | 3.1 | | .4 | 6.6 | 678 |
| | 12-14 | | 2.4 | | 1.2 | | 3.5 | 1.2 | .6 | | .6 | 2.2 | 678 |
| | 15-17 | .1 | 2.1 | | .7 | | 2.8 | .4 | .7 | | 1.0 | 2.2 | 678 |
| | 18-20 | | 2.5 | | .6 | | 3.0 | | | | .6 | .6 | 677 |
| | 21-23 | | 3.2 | | .9 | | 3.8 | | 1.3 | | .3 | 1.6 | 678 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 2.8 | | .9 | | 3.6 | 1.1 | 1.0 | | .4 | 2.5 | 5423 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

2?44 — 3365 AAF IX (EL PASO) — 50-80

STATION — STATION NAME — YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

| YEAR \ MONTH | JAN. | FEB | MAR. | APR. | MAY | JUN | JUL. | AUG | SEP. | OCT. | NOV. | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ? | TRAC. | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| ?1 | 3.? | 1.6 | TRAC' | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.1 | 12.7 |
| ? | TRAC. | 1.0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 1.0 |
| ?3 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.2 | 2.2 |
| ?4 | TRAC' | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .3 | .6 | .6 |
| ?5 | TRAC | TRACE | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .3 | .6 | .6 |
| 5? | . | 3.9 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 11.2 |
| 57 | TRAC | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | .0 | 4.1 |
| 5? | .6 | .6 | 7.3 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .8 | .0 | 10.1 |
| 5 | .? | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| ?? | TRAC. | ?.1 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.1 | 12.2 |
| ?1 | TRAC' | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.8 | TRACE | 7.8 |
| ? | 1.6 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.6 |
| ? | .8 | ?.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 6.1 |
| 5? | .? | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 5? | .? | .3 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .3 |
| 56 | .4 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .4 |
| 67 | .0 | TRACE | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 5.6 |
| 6? | ?.1 | 2.3 | .? | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.0 | TRACE | 12.2 |
| 6? | .? | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | 1.9 | 7.9 |
| 7? | .? | 1.7 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .? | 2.0 |
| 71 | 3.? | TRACE | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.? | 4.8 |
| 7? | 2.? | .0 | .0 | .0 | .0 | .0 | .3 | .0 | .0 | .0 | .0 | TRACE | 2.5 |
| 73 | 5.3 | 4.6 | TRACE | .3 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | 9.9 |
| 74 | TRACE | TRACE | .? | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.3 | 5.3 |
| 75 | ?.2 | .2 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 4.4 |
| 76 | 1.0 | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | 12.7 | 2.0 | 15.7 |
| 77 | TRACE | TRACE | .1 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 78 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | TRACE |
| 79 | TRAC. | .2 | .? | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

23244 — STATION
USAF AAF TX (EL PASO) — STATION NAME
50-80 — YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH / YEAR | JAN | FEB. | MAR. | APR. | MAY | JUN | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8. | TRACE | 3.1 | . . | 2.0 | .0 | .0 | .0 | .0 | | | | | |
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| | | | | | | | | | | | | | |
| MEAN | .64 | .85 | .24 | .06 | .00 | .00 | .00 | .00 | .00 | TRACE | .73 | .96 | 2.40 |
| S.D | 1.092 | 1.581 | .774 | .359 | .000 | .000 | .000 | .000 | .000 | .000 | 1.708 | 1.618 | 2.117 |
| TOTAL OBS. | 991 | 876 | 961 | 930 | 961 | 930 | 961 | 961 | 900 | 930 | 900 | 930 | 11201 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0 88-5 (OLA)

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

# EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

2 44 ... AAF TX (EL PA...) 50-80
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR. | APR | MAY | JUN | JUL | AUG | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | TRAC... | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| .1 | [illegible] | 1.0 | TRAC... | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 6.2 |
| [illegible] | PAC... | 1.0 | TRAC... | .[illegible] | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 1.0 |
| [illegible] | .[illegible] | TRACE | .[illegible] | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 1.2 | 1.2 |
| [illegible] | TRAC... | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .6 |
| [illegible] | TRAC... | TRACE | .[illegible] | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .8 |
| 5[illegible] | .[illegible] | 7.2 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 7.2 |
| 57 | TRAC... | .[illegible] | TRACE | .[illegible] | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | .0 | 2.7 |
| 5[illegible] | 2.[illegible] | .0 | 3.8 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .5 | .0 | 3.8 |
| [illegible] | .0 | TRACE | TRACE | .[illegible] | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| [illegible] | TRAC... | [illegible].1 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 4.7 |
| [illegible] | TRAC... | .0 | TRACE | .[illegible] | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | TRACE | 6.6 |
| [illegible] | 1.2 | .0 | TRAC... | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 |
| [illegible] | .[illegible] | 3.3 | .[illegible] | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 3.3 |
| 64 | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| [illegible]5 | .[illegible] | .3 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .3 |
| [illegible]6 | .4 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .4 |
| 67 | .0 | TRACE | .[illegible] | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 2.8 |
| 68 | 1.[illegible] | 2.3 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | TRACE | 4.0 |
| 69 | .[illegible] | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 1.0 | 4.1 |
| 7[illegible] | .2 | 1.7 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 |
| 71 | 1.5 | TRACE | .[illegible] | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.6 | 1.5 |
| 7[illegible] | [illegible].[illegible] | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.0 |
| 73 | 4.5 | 3.0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | 4.5 |
| 74 | TRAC... | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 4.1 |
| 75 | 1.[illegible] | .2 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.0 |
| 76 | .8 | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | 4.1 | 2.0 | 4.1 |
| 77 | TRAC... | TRACE | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 78 | TRAC... | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | TRACE |
| 79 | TRAC... | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .4 | .0 | 1.2 |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

23044 (STATION) — [illegible]GS AAF TX (EL PASO) (STATION NAME) — 50-80 (YEARS)

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR-ABLE 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 | 01 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 | 91.7 | 5.6 | 1.1 | .8 | .5 | .1 | | .1 | | | | | | 2.7 | 961 | .8 | 5.3 | .0 |
| FEB | 94.4 | 3.5 | .2 | .8 | .6 | .3 | | | .1 | | | | | 2.1 | 875 | 1.1 | 8.9 | .0 |
| MAR | 96.7 | 3.2 | | .2 | .1 | | .2 | | | | | | | .5 | 961 | .4 | 7.3 | .0 |
| APR | 98.8 | 1.1 | | | .1 | | | | | | | | | .1 | 930 | .1 | 2.0 | .0 |
| MAY | 100.0 | | | | | | | | | | | | | | 961 | .0 | .0 | .0 |
| JUN | 100.0 | | | | | | | | | | | | | | 930 | .0 | .0 | .0 |
| JUL | 100.0 | | | | | | | | | | | | | | 961 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 961 | .0 | .0 | .0 |
| SEP | 100.0 | | | | | | | | | | | | | | 900 | .0 | .0 | .0 |
| OCT | 99.8 | .2 | | | | | | | | | | | | | 930 | TRACE | TRACE | .0 |
| NOV | 97.1 | 1.3 | .1 | .3 | .1 | .6 | .3 | | .1 | | | | | 1.6 | 900 | 1.3 | 12.7 | .0 |
| DEC | 93.0 | 4.8 | .2 | 1.1 | .3 | .1 | .2 | .2 | | | | | | 2.2 | 930 | 1.3 | 10.1 | .0 |
| ANNUAL | 97.6 | 1.6 | .1 | .3 | .1 | .1 | .1 | .0 | .0 | | | | | .8 | 11201 | 5.0 | | |

USAFETAC FORM 0-15-5 (OL A) OCT 75 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
## MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

2.44 (LOGS) TX (EL PASO) 60-69
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

| MONTH / YEAR | JAN | FEB | MAR. | APR. | MAY | JUN | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | .54 | .73 | .25 | .31 | .08 | TRACE | .21 | 1.76 | | | | | |
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| MEAN | .374 | .440 | .310 | .185 | .233 | .546 | 1.663 | 1.181 | 1.397 | .725 | .314 | .390 | 7.885 |
| S.D. | .373 | .426 | .457 | .291 | .298 | .677 | 1.272 | .915 | 1.732 | .697 | .429 | .378 | 3.067 |
| TOTAL OBS. | 961 | 876 | 961 | 930 | 961 | 929 | 961 | 961 | 900 | 930 | 900 | 930 | 11200 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

2 84 (STATION) . . GS AAF TX (EL PASO) (STATION NAME) 50-80 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

| YEAR \ MONTH | JAN. | FEB | MAR. | APR | MAY | JUN. | JUL. | AUG. | SEP. | OCT | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | .29 | .26 | TRACE | TRACE | .10 | .11 | 3.57 | .16 | 1.32 | .94 | .00 | .00 | 6.75 |
| 51 | .53 | .63 | .59 | .45 | TRACE | TRACE | 2.48 | .72 | .04 | .43 | .12 | .66 | 6.47 |
| | .10 | .96 | .92 | 1.78 | .46 | 1.14 | 1.88 | 1.06 | .07 | .00 | .23 | .15 | 7.97 |
| | .20 | .34 | .12 | .71 | .27 | .53 | .99 | .42 | TRACE | .65 | TRACE | .39 | 4.42 |
| 54 | .10 | TRACE | .09 | .19 | 1.26 | .23 | .88 | 2.37 | .95 | .30 | .00 | .02 | 6.39 |
| 55 | .57 | .5 | .18 | .00 | .26 | .13 | 3.70 | .76 | .16 | .73 | .15 | .00 | 6.70 |
| 56 | .3 | 1.06 | TRACE | .05 | TRACE | 1.19 | 1.13 | .61 | .43 | .01 | TRACE | .64 | 5.44 |
| 57 | .24 | .46 | .33 | .09 | .10 | .02 | 2.64 | 4.11 | .11 | 2.34 | .74 | .02 | 11.20 |
| 58 | .74 | 1.11 | 2.26 | .05 | .40 | 1.66 | 1.36 | 1.14 | 6.29 | 1.98 | .20 | TRACE | 17.19 |
| 59 | .01 | TRACE | .07 | .15 | .30* | .46 | .40 | 2.39 | TRACE | .58 | .14 | .29 | * 4.99 |
| 60 | .72 | .37 | .21 | .02 | .04 | .76 | 3.61 | .77 | .01 | .77 | .11 | 1.73 | 9.12 |
| 61 | .41 | TRACE | .29 | .01 | TRACE | .27 | 2.18 | 1.40 | .69 | .18 | 1.63 | .63 | 7.69 |
| 62 | .24 | .58 | .24 | .10 | .00 | TRACE | 1.82 | TRACE | 3.54 | .55 | .21 | .30 | 6.28 |
| 63 | .13 | .53 | TRACE | TRACE | .71 | .05 | .52 | 1.03 | .64 | .55 | .76 | TRACE | 4.92 |
| 64 | TRACE | TRACE | .99 | .28 | .02 | TRACE | .16 | .76 | 2.40 | .40 | .00 | .52 | 5.35 |
| 65 | .19 | .59 | .03 | .01 | .11 | .66 | .17 | .49 | 2.12 | .18 | .12 | .74 | 5.41 |
| 66 | .38 | .20 | TRACE | 1.03 | .04 | 2.67 | 1.17 | 1.85 | 1.79 | .01 | .01 | .04 | 9.24 |
| 67 | .00 | .04 | .17 | .33 | .05 | 1.41 | .84 | .54 | 1.54 | .09 | .23 | .78 | 5.72 |
| 68 | .47 | 1.11 | .85 | .10 | TRACE | .03 | 5.53 | 1.71 | .53 | .11 | 1.35 | .23 | 12.02 |
| 69 | .05 | .08 | .17 | TRACE | .28 | TRACE | 1.14 | .28 | .43 | .59 | .63 | .69 | 4.34 |
| 70 | .03 | .55 | .47 | TRACE | .71 | .73 | 1.41 | .41 | 1.01 | .68 | TRACE | .06 | 6.06 |
| 71 | .17 | .04 | .00 | .42 | TRACE | .01 | 2.34 | 1.59 | .96 | 1.07 | .14 | .50 | 7.24 |
| 72 | .44 | TRACE | TRACE | .00 | .04 | 1.62 | .71 | 2.59 | 1.60 | 1.25 | .33 | .42 | 9.00 |
| 73 | 1.23 | 1.69 | .60 | .00 | .29 | .71 | 2.12 | .73 | .01 | .07 | .08 | TRACE | 7.53 |
| 74 | .27 | TRACE | .36 | .12 | .05 | .36 | 2.21 | .63 | 6.68 | 1.90 | .50 | .87 | 13.95 |
| 75 | .73 | .59 | .19 | TRACE | .03 | TRACE | 1.11 | .45 | 2.18 | .25 | TRACE | .71 | 6.21 |
| 76 | .36 | .52 | TRACE | .50 | .74 | .50 | 3.17 | .23 | 1.70 | 1.20 | 1.20 | .32 | 10.14 |
| 77 | .57 | TRACE | .17 | .29 | .06 | .04 | 1.09 | 1.36 | .16 | 1.65 | .05 | .26 | 5.50 |
| 78 | .44 | .47 | .37 | .00 | .57 | 1.46 | .04 | 2.18 | 4.14 | 2.28 | .45 | .47 | 12.57 |
| 79 | .77 | .68 | TRACE | .28 | .24 | .03 | .98 | 2.16 | .41 | TRACE | .04 | .25 | 5.84 |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88 5 (OLA)

CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

# EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

2 '44 (TCGS AAF TX (EL PASO) 50-59
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | .. | .22 | .19 | .29 | .05 | TRACE | .16 | 1.06 | | | | | |
| MEAN | .139 | .239 | .175 | .143 | .176 | .306 | .710 | .560 | .676 | .373 | .156 | .210 | 1.315 |
| S D | .143 | .210 | .202 | .216 | .235 | .354 | .569 | .467 | .657 | .298 | .172 | .195 | .468 |
| TOTAL OBS | 961 | 876 | 941 | 930 | 941 | 929 | 961 | 961 | 900 | 930 | 900 | 930 | 11200 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

3 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

23044 (STATION) | USGS AAF TX (EL PASO) (STATION NAME) | 50-80 (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 | 51-100 | 101 250 | 251-500 | 501-1000 | 1001 2000 | OVER 2000 | | | 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 . | 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 | 7[illegible].8 | 9.[illegible] | 1.7 | 4.0 | 2.2 | 2.9 | .6 | .2 | | | | | | 11.8 | 961 | .37 | 1.23 | .00 |
| FEB | [illegible].9 | 9.1 | .9 | 3.2 | .8 | 2.7 | 2.1 | .2 | | | | | | 9.9 | 876 | .44 | 1.69 | TRACE |
| MAR | [illegible].9 | 9.5 | 1.[illegible] | 1.8 | 1.6 | 1.6 | 1.0 | .2 | | | | | | 7.6 | 961 | .31 | 2.26 | .00 |
| APR | 7.8 | 7.1 | 1.3 | 1.4 | .9 | .5 | .6 | .3 | | | | | | 5.1 | 930 | .18 | 1.06 | .00 |
| MAY | 4.6 | 9.2 | .[illegible] | 2.4 | 1.2 | .9 | .[illegible] | .2 | .1 | | | | | 6.2 | 961 | .23 | 1.26 | .00 |
| JUN | 15.2 | 15.1 | 1.4 | 3.2 | .9 | 1.9 | 1.2 | .9 | .[illegible] | | | | | 9.7 | 929 | .55 | [illegible].67 | TRACE |
| JUL | [illegible].4 | 22.3 | 2.8 | 7.[illegible] | 4.0 | 5.4 | 3.4 | 1.8 | .9 | | | | | 25.3 | 961 | 1.66 | 5.53 | .04 |
| AUG | 54.[illegible] | 22.0 | 3.6 | 7.0 | 4.[illegible] | 4.2 | 2.6 | 1.4 | .4 | | | | | 23.1 | 961 | 1.18 | 4.11 | TRACE |
| SEP | 71.[illegible] | 13.[illegible] | 2.[illegible] | 3.7 | 2.7 | 2.0 | 2.2 | 1.6 | 1.3 | | | | | 16.1 | 900 | 1.40 | 6.68 | TRACE |
| OCT | [illegible]1.4 | 6.2 | 1.2 | 3.5 | 1.5 | 2.4 | 2.8 | .9 | .1 | | | | | 12.4 | 930 | .72 | 2.34 | .00 |
| NOV | [illegible]5.7 | 6.[illegible] | [illegible].3 | 2.3 | 1.1 | 2.2 | 1.1 | .2 | | | | | | 8.3 | 900 | .31 | 1.63 | .00 |
| DEC | [illegible]0.1 | [illegible].6 | 1.6 | 3.4 | 2.[illegible] | 2.3 | 1.2 | .2 | | | | | | 11.3 | 930 | .39 | 1.73 | .00 |
| ANNUAL | 76.[illegible] | 11.[illegible] | 1.7 | 3.6 | [illegible].0 | 2.4 | 1.6 | .7 | .2 | | | | | 12.2 | 11200 | 7.74 | | |

USAFETAC FORM OCT 79 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...AC/TAC
A... WEATHER SERVICE/MAC

# EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

2 44 — ...GS AAF TX (EL PASO) — 50-40

STATION — STATION NAME — YEARS

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN. | FEB | MAR. | APR. | MAY | JUN | JUL. | AUG. | SEP | OCT | NOV. | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | .24 | .21 | TRACE | TRACE | .10 | .05 | .91 | .08 | .65 | .65 | .00 | .03 | .91 |
| [illegible] | .21 | .39 | .25 | .27 | TRACE | TRACE | .94 | .20 | .04 | .32 | .12 | .48 | .94 |
| [illegible] | .[illegible] | .45 | .82 | .56 | .29 | .65 | .44 | .49 | .05 | .00 | .14 | .10 | .82 |
| [illegible] | .[illegible] | .32 | .21 | .54 | .18 | .25 | .35 | .27 | TRACE | .59 | TRACE | .14 | .59 |
| [illegible] | .19 | TRACE | .05 | .39 | 1.02 | .12 | .35 | 1.66 | .71 | .19 | .00 | .02 | 1.66 |
| .5 | .34 | .05 | .10 | .00 | .26 | .16 | 1.68 | .32 | .06 | .38 | .15 | .00 | 1.68 |
| 5 | .17 | .81 | TRACE | .03 | TRACE | .81 | .25 | .34 | .43 | .01 | TRACE | .24 | .81 |
| 57 | .[illegible] | .24 | .19 | .39 | .08 | .01 | 1.10 | 2.00 | .10 | 1.24 | .30 | .02 | 2.00 |
| 5 | .2 | .55 | .65 | .[illegible]4 | .21 | 1.13 | .86 | .61 | 1.96 | .75 | .09 | TRACE | 1.96 |
| [illegible] | .21 | TRACE | .07 | .12 | .30* | .41 | .22 | .70 | TRACE | .34 | .11 | .10 | .70 |
| [illegible] | .[illegible]4 | .22 | .1[illegible] | .02 | .04 | .52 | 1.75 | .49 | .01 | .61 | .19 | .74 | 1.75 |
| 61 | .[illegible] | TRACE | .25 | .01 | TRACE | .16 | 1.66 | .46 | .41 | .17 | .49 | .56 | 1.66 |
| [illegible] | .47 | .50 | .13 | .13 | .00 | TRACE | .35 | TRACE | 1.62 | .45 | .09 | .20 | 1.62 |
| [illegible] | .[illegible]0 | .33 | TRACE | TRACE | .71 | .03 | .16 | .31 | .35 | .27 | .52 | TRACE | .71 |
| [illegible]4 | TRAC. | TRACE | .45 | .36 | .02 | TRACE | .09 | .45 | 1.77 | .27 | .00 | .39 | 1.77 |
| [illegible]5 | .19 | .41 | .32 | .01 | .11 | .47 | .06 | .27 | 1.21 | .15 | .12 | .28 | 1.21 |
| 66 | .1[illegible] | .17 | TRACE | .98 | .04 | 1.17 | .62 | .75 | .91 | .01 | .01 | .04 | 1.17 |
| 67 | .[illegible]0 | .02 | .16 | .03 | .05 | .63 | .49 | .18 | .96 | .04 | .13 | .28 | .96 |
| 6 | .2 | .39 | .47 | .09 | TRACE | .03 | 1.65 | .67 | .46 | .13 | .64 | .15 | 1.65 |
| 6[illegible] | .[illegible] | .04 | .1[illegible] | TRACE | .25 | TRACE | .56 | .11 | .22 | .26 | .32 | .42 | .56 |
| [illegible] | .[illegible] | .20 | .26 | TRACE | .58 | .59 | .40 | .30 | .48 | .51 | TRACE | .06 | .59 |
| [illegible] | .17 | .03 | .00 | .34 | TRACE | .01 | 1.65 | .64 | .75 | .54 | .13 | .15 | 1.65 |
| [illegible] | .[illegible] | TRACE | TRACE | .[illegible]0 | .03 | .46 | .33 | 1.55 | .80 | .43 | .19 | .26 | 1.55 |
| [illegible] | .[illegible] | .44 | .35 | .[illegible]0 | .19 | .50 | 1.53 | .33 | .01 | .05 | .06 | TRACE | 1.53 |
| 74 | .[illegible] | TRACE | .36 | .12 | .05 | .36 | .50 | .47 | 2.26 | .50 | .31 | .46 | 2.26 |
| 75 | .21 | .38 | .12 | TRACE | .04 | TRACE | .72 | .26 | 1.69 | .23 | TRACE | .49 | 1.69 |
| 76 | .14 | .28 | TRACE | .27 | .41 | .18 | 1.51 | .10 | .57 | .45 | .41 | .17 | 1.51 |
| 77 | .31 | TRACE | .17 | .[illegible]7 | .04 | .02 | .22 | .80 | .15 | .66 | .04 | .24 | .80 |
| 7 | .2 | .27 | .[illegible]7 | .[illegible]0 | .33 | .85 | .04 | .72 | 1.37 | .97 | .18 | .19 | 1.37 |
| 7 | .30 | .49 | TRACE | .26 | .11 | .02 | .41 | .76 | .20 | TRACE | .04 | .11 | .76 |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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 47, | at 1230GMT | Jul 52-May 57 | at 1230GMT |
| Jun 57-present | at 1200GMT | Jun 57-present | at 1200GMT |



74-29961

# 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

| 23044 | BIGGS AAF TX (EL PASO) | 50-80 | 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 | 16.5 | .4 | 8.3 | .3 | 21.2 | 6.3 | 3.1 | .1 | .9 | 9.2 | 961 |
| FEB | | .8 | 16.4 | .3 | 5.6 | .1 | 19.1 | 3.5 | 2.2 | .2 | 1.8 | 7.4 | 876 |
| MAR | | 1.2 | 15.4 | | 3.7 | .7 | 17.1 | 1.6 | .7 | | 1.8 | 3.9 | 961 |
| APR | | 2.5 | 11.8 | | 1.4 | .5 | 12.2 | .4 | .8 | | 2.6 | 3.8 | 930 |
| MAY | | 7.8 | 15.4 | | | .6 | 15.4 | .3 | .2 | | 2.4 | 2.9 | 961 |
| JUN | | 14.3 | 24.8 | | | .3 | 24.8 | .5 | .6 | | 3.2 | 4.3 | 930 |
| JUL | | 31.5 | 47.6 | | | .5 | 47.6 | 1.0 | .2 | | 2.0 | 3.2 | 961 |
| AUG | | 30.8 | 45.1 | | | .3 | 45.1 | .7 | .2 | | 1.1 | 2.1 | 961 |
| SEP | | 12.0 | 30.0 | | | .4 | 30.0 | 2.2 | .6 | | | 2.4 | 900 |
| OCT | | 4.9 | 18.6 | | .2 | .9 | 18.6 | 2.5 | 1.0 | | .3 | 3.8 | 930 |
| NOV | | .9 | 13.0 | | 2.9 | .1 | 14.3 | 2.8 | 2.0 | .2 | .4 | 4.7 | 900 |
| DEC | | .5 | 17.1 | .9 | 7.0 | | 19.9 | 5.2 | 3.4 | .1 | .6 | 8.3 | 930 |
| TOTALS | | 9.0 | 22.6 | .1 | 2.4 | .4 | 23.8 | 2.2 | 1.2 | .0 | 1.4 | 4.7 | 11201 |

GLOBAL CLIMATOLOGY BRANCH
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# WEATHER CONDITIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-80 (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 | 3.7 | | 2.3 | .0 | 5.9 | 1.2 | 1.5 | | .4 | 3.1 | 5949 |
| FEB | | .0 | 2.8 | | .9 | | 3.6 | 1.1 | 1.0 | | .4 | 2.5 | 5423 |
| MAR | | .0 | 1.1 | | .2 | | 1.3 | .1 | .7 | | 1.7 | 2.5 | 5951 |
| APR | | .1 | .7 | | .4 | .0 | 1.0 | .1 | .8 | | 1.7 | 2.6 | 5757 |
| MAY | | .7 | 1.5 | | | | 1.5 | .0 | .6 | | .3 | 1.0 | 5950 |
| JUN | | .7 | 1.3 | | | | 1.3 | | .9 | | .4 | 1.2 | 5752 |
| JUL | | 2.1 | 3.9 | | | | 3.9 | .0 | .7 | | .1 | .8 | 5952 |
| AUG | | 1.9 | 3.7 | | | | 3.7 | .0 | .5 | | .2 | .7 | 5944 |
| SEP | | .9 | 6.0 | | | | 6.0 | 1.1 | .7 | | .0 | 1.7 | 5759 |
| OCT | | .5 | 4.2 | | .2 | | 4.2 | 1.2 | 1.4 | | .2 | 2.8 | 5940 |
| NOV | | .1 | 1.7 | | .9 | | 2.5 | 1.3 | 2.4 | | .3 | 3.6 | 5760 |
| DEC | | | 2.5 | | 1.3 | .0 | 3.8 | 2.1 | 2.8 | | .6 | 5.2 | 5951 |
| TOTALS | | .6 | 2.8 | | .5 | .0 | 3.2 | .7 | 1.2 | | .5 | 2.3 | 70088 |

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# WEATHER CONDITIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | 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 | | 2.6 | | 1.1 | | 3.6 | 1.6 | .9 | | | 2.6 | 744 |
| | 03-05 | | 2.0 | | 1.2 | | 3.2 | 3.8 | 4.0 | | .1 | 6.9 | 744 |
| | 06-08 | | 3.8 | | 1.6 | | 5.4 | 3.6 | 1.1 | | .1 | 4.3 | 744 |
| | 09-11 | | 3.2 | | 1.2 | .1 | 4.4 | 3.1 | 4.7 | | .8 | 8.1 | 744 |
| | 12-14 | | 2.7 | | 1.5 | | 4.2 | 1.9 | 1.2 | | .7 | 3.4 | 744 |
| | 15-17 | | 1.5 | | 1.5 | | 3.0 | 1.1 | 4.4 | | 1.9 | 7.4 | 744 |
| | 18-20 | | 2.2 | | 1.2 | | 3.2 | .9 | 1.3 | | .5 | 2.8 | 743 |
| | 21-23 | | 2.3 | | .9 | | 3.2 | .9 | 4.7 | | .4 | 6.0 | 744 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 2.5 | | 1.3 | .0 | 3.8 | 2.1 | 2.8 | | .6 | 5.2 | 5951 |

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# WEATHER CONDITIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (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 | | 1.7 | | 1.0 | | 2.6 | 1.3 | .6 | | | 1.7 | 720 |
| | 03-05 | | .3 | | 1.0 | | 1.3 | 1.5 | 3.2 | | | 4.3 | 720 |
| | 06-08 | .3 | 1.3 | | 1.3 | | 2.4 | 1.4 | .8 | | .1 | 1.9 | 720 |
| | 09-11 | .1 | 2.2 | | .8 | | 2.6 | 1.7 | 3.1 | | .6 | 5.3 | 720 |
| | 12-14 | | 1.4 | | .7 | | 2.1 | 1.0 | 1.3 | | | 1.8 | 720 |
| | 15-17 | | 1.9 | | .8 | | 2.6 | .3 | 4.7 | | 1.3 | 6.3 | 720 |
| | 18-20 | | 2.5 | | .7 | | 3.2 | 1.1 | 1.3 | | | 2.2 | 720 |
| | 21-23 | | 1.9 | | .8 | | 2.8 | 1.8 | 4.2 | | | 5.4 | 720 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 1.7 | | .9 | | 2.5 | 1.3 | 2.4 | | .3 | 3.6 | 5760 |

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

GLOBAL CLIMATOLOGY BRANCH
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# WEATHER CONDITIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) OCT (MONTH)

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

| MONTH | HOURS (LST) | 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 | .3 | 4.4 | | .3 | | 4.4 | 1.6 | .4 | | | 2.0 | 742 |
| | 03-05 | .3 | 5.1 | | .4 | | 5.1 | 1.5 | 2.4 | | .1 | 3.8 | 743 |
| | 06-08 | .5 | 4.0 | | .3 | | 4.0 | 1.5 | .3 | | | 1.8 | 742 |
| | 09-11 | .4 | 2.8 | | .3 | | 2.8 | .8 | 4.7 | | .1 | 5.7 | 741 |
| | 12-14 | .1 | 2.3 | | | | 2.3 | .7 | | | .1 | .8 | 741 |
| | 15-17 | .5 | 3.9 | | | | 3.9 | .1 | 1.1 | | .8 | 2.0 | 744 |
| | 18-20 | .7 | 4.4 | | | | 4.4 | 1.3 | | | .3 | 1.6 | 743 |
| | 21-23 | .9 | 6.9 | | | | 6.9 | 2.2 | 2.4 | | | 4.6 | 744 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .5 | 4.2 | | .2 | | 4.2 | 1.2 | 1.4 | | .2 | 2.8 | 5940 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (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 | .8 | 7.9 | | | | 7.9 | 1.1 | .1 | | | 1.3 | 720 |
| | 03-05 | .4 | 6.7 | | | | 6.7 | 1.8 | 1.8 | | | 3.6 | 720 |
| | 06-08 | .8 | 6.0 | | | | 6.0 | 1.4 | .1 | | | 1.5 | 720 |
| | 09-11 | .3 | 5.6 | | | | 5.6 | 1.3 | 1.8 | | | 3.1 | 720 |
| | 12-14 | .3 | 4.6 | | | | 4.6 | .8 | | | | .8 | 720 |
| | 15-17 | 1.4 | 5.1 | | | | 5.1 | 1.1 | .1 | | | 1.3 | 720 |
| | 18-20 | 1.1 | 5.3 | | | | 5.3 | .4 | | | | .4 | 719 |
| | 21-23 | 1.7 | 6.5 | | | | 6.5 | .6 | 1.3 | | .1 | 1.9 | 720 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .9 | 6.0 | | | | 6.0 | 1.1 | .7 | | .0 | 1.7 | 5759 |

USAFETAC FORM JULY 64 0-10-5(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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | .7 | | .4 | | | | | | | | 1.3 | 7.3 |
| NNE | .4 | 1.1 | .7 | .7 | | | | | | | | 2.8 | 7.6 |
| NE | .3 | .8 | .8 | .1 | | | | | | | | 2.0 | 6.9 |
| ENE | .1 | .5 | .8 | .3 | | | | | | | | 1.7 | 7.2 |
| E | | .4 | .5 | .4 | | | | | | | | 1.3 | 8.1 |
| ESE | .1 | .5 | .8 | .3 | | | | | | | | 1.7 | 7.8 |
| SE | .7 | 1.5 | 1.3 | | .1 | | | | | | | 3.6 | 6.5 |
| SSE | | .8 | 1.9 | .7 | | .1 | | | | | | 3.5 | 8.9 |
| S | .8 | 1.6 | 3.2 | .9 | | .1 | | | | | | 6.7 | 7.7 |
| SSW | .3 | 2.3 | 2.6 | 1.1 | .8 | .1 | | | | | | 7.1 | 9.5 |
| SW | .5 | 2.7 | 4.6 | 3.8 | 1.3 | .9 | .4 | | | | | 14.2 | 11.5 |
| WSW | .1 | 1.6 | 5.1 | 6.5 | 1.7 | .7 | .1 | | | | | 15.9 | 12.3 |
| W | .5 | 1.1 | 4.0 | 8.2 | 4.4 | 3.5 | .7 | .1 | | | | 22.6 | 15.4 |
| WNW | .1 | 1.2 | 1.9 | 3.0 | 1.9 | .7 | .1 | .1 | | | | 9.0 | 13.5 |
| NW | .3 | .7 | .8 | .3 | .5 | | .1 | | | | | 2.7 | 11.3 |
| NNW | .1 | .4 | .4 | .3 | | | | | | | | 1.2 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.4 | |
| | 4.7 | 17.9 | 29.4 | 26.7 | 10.9 | 6.2 | 1.5 | .3 | | | | 100.0 | 11.2 |

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM 0-8-5 (OL-A) JUL 64 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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | .8 | 1.9 | 2.0 | 1.6 | .1 | | | | | | | 6.5 | 8.0 |
| NNE | .8 | 1.2 | 2.2 | .8 | | | | | | | | 5.0 | 7.5 |
| NE | .3 | 1.2 | 1.5 | .5 | | | | | | | | 3.5 | 7.0 |
| ENE | .3 | .1 | .7 | .5 | | | | | | | | 1.6 | 8.6 |
| E | .1 | 1.2 | 1.1 | .7 | | | | | | | | 3.1 | 7.9 |
| ESE | .8 | .9 | .4 | .4 | | | | | | | | 2.6 | 5.6 |
| SE | .8 | 2.0 | 2.0 | .1 | | | | | | | | 5.0 | 6.0 |
| SSE | .8 | 2.0 | 1.3 | .1 | | | | | | | | 4.3 | 5.8 |
| S | 1.1 | 6.1 | 4.6 | .8 | .1 | .1 | .1 | | | | | 12.9 | 7.1 |
| SSW | .5 | 1.9 | 4.4 | 1.1 | .4 | .1 | | | | | | 8.5 | 8.5 |
| SW | .1 | 1.7 | 2.3 | 2.0 | .8 | .3 | | | | | | 7.3 | 10.6 |
| WSW | .3 | .4 | 2.2 | 4.0 | 1.3 | 1.2 | .3 | | | | | 9.7 | 14.1 |
| W | .3 | 1.3 | 3.9 | 5.1 | 3.0 | 1.5 | .4 | .1 | | | | 15.6 | 13.9 |
| WNW | .1 | .7 | 1.5 | 2.2 | .9 | .4 | .1 | | | | | 5.9 | 12.9 |
| NW | | .4 | .8 | .8 | .3 | | | | | | | 2.3 | 10.9 |
| NNW | | .4 | 1.1 | .1 | | | | | | | | 1.6 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 4.7 | |
| | 7.1 | 23.6 | 31.9 | 21.0 | 7.0 | 3.6 | .9 | .1 | | | | 100.0 | 9.3 |

TOTAL NUMBER OF OBSERVATIONS 743

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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | .7 | .8 | .8 | .1 | .3 | | | | | | | 2.7 | 7.2 |
| NNE | .3 | .9 | .5 | .4 | | | | | | | | 2.2 | 7.1 |
| NE | .4 | .5 | | | | | | | | | | .9 | 4.0 |
| ENE | .1 | .5 | .1 | .4 | | | | | | | | 1.2 | 7.9 |
| E | .3 | .4 | .3 | .5 | .1 | | | | | | | 1.6 | 9.0 |
| ESE | .4 | .1 | 1.2 | .8 | | | | | | | | 2.6 | 9.1 |
| SE | .4 | 1.1 | .4 | .1 | | | | | | | | 2.0 | 5.6 |
| SSE | .1 | .7 | .5 | .5 | | .4 | | | | | | 2.3 | 10.8 |
| S | .3 | 1.6 | .8 | .5 | .1 | | | | | | | 3.4 | 7.6 |
| SSW | .3 | .7 | 1.6 | .8 | .5 | .4 | .3 | | | | | 4.6 | 12.3 |
| SW | .5 | 2.0 | 5.6 | 4.8 | 1.3 | .5 | .1 | .1 | | | | 15.2 | 11.2 |
| WSW | .8 | 1.9 | 6.6 | 5.4 | 1.1 | 1.3 | .5 | | | | | 17.6 | 12.1 |
| W | .9 | 1.5 | 5.8 | 9.1 | 5.1 | 3.1 | .5 | .1 | | | | 26.2 | 14.3 |
| WNW | | .7 | 3.4 | 3.5 | 2.0 | .9 | .8 | | | | | 11.3 | 14.6 |
| NW | | .5 | 1.5 | .4 | .4 | .4 | | .3 | | | | 3.5 | 13.5 |
| NNW | | .4 | .5 | .5 | | | | | | | | 1.5 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 5.5 | 14.4 | 29.7 | 28.1 | 11.0 | 7.1 | 2.3 | .5 | | | | 100.0 | 11.9 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) RIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 1.9 | 3.6 | 3.5 | 1.5 | .1 | | | | | | | 10.6 | 6.9 |
| NNE | 1.9 | 3.6 | 3.2 | .4 | | | | | | | | 9.1 | 6.0 |
| NE | 1.9 | 3.2 | .3 | .3 | | | | | | | | 5.6 | 4.5 |
| ENE | .3 | 1.1 | .1 | | | | | | | | | 1.5 | 4.6 |
| E | 1.1 | 2.0 | .5 | .1 | .1 | | | | | | | 3.9 | 5.4 |
| ESE | .7 | 1.2 | .7 | .1 | | | | | | | | 2.7 | 5.6 |
| SE | .9 | 2.3 | .9 | | | | | | | | | 4.2 | 5.1 |
| SSE | .5 | 1.6 | 1.6 | .1 | | | | | | | | 3.9 | 6.2 |
| S | .8 | 5.2 | 3.2 | .9 | | | | | | | | 10.2 | 6.6 |
| SSW | .9 | 2.3 | 1.9 | .7 | .1 | | | | | | | 5.9 | 7.0 |
| SW | .8 | 1.3 | 2.0 | 1.3 | .3 | | | | | | | 5.8 | 8.3 |
| WSW | .3 | .7 | 1.3 | 1.6 | .9 | .3 | | | | | | 5.1 | 12.0 |
| W | .3 | .7 | 2.3 | 3.6 | .7 | .9 | | | | | | 8.5 | 12.8 |
| WNW | .4 | .7 | .7 | 1.1 | 1.2 | .8 | | | | | | 4.8 | 14.0 |
| NW | .1 | .7 | .9 | .4 | | .1 | | | | | | 2.3 | 9.3 |
| NNW | .5 | .1 | .7 | .4 | | | | | | | | 1.7 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.1 | |
| | 13.3 | 30.4 | 23.9 | 12.6 | 3.5 | 2.2 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 1.6 | 4.3 | 3.4 | 1.2 | | | | | | | | 10.5 | 6.6 |
| NNE | 1.7 | 4.2 | 1.7 | .1 | | | | | | | | 7.8 | 5.4 |
| NE | 1.3 | 3.0 | .7 | | | | | | | | | 5.0 | 4.8 |
| ENE | .4 | 2.2 | .4 | | | | | | | | | 3.0 | 5.1 |
| E | 1.3 | 1.6 | .7 | .3 | | | | | | | | 3.9 | 5.2 |
| ESE | .9 | 1.7 | .1 | .3 | | | | | | | | 3.1 | 4.8 |
| SE | .5 | 3.2 | .7 | | | | | | | | | 4.4 | 5.3 |
| SSE | .1 | 1.9 | 1.7 | | | | | | | | | 3.8 | 6.2 |
| S | .8 | 3.0 | 3.0 | .8 | | | | | | | | 7.5 | 6.8 |
| SSW | .3 | 1.2 | 2.6 | .3 | | | | | | | | 4.3 | 7.1 |
| SW | .3 | 1.2 | 2.6 | 1.5 | .3 | | | | | | | 5.5 | 9.4 |
| WSW | | .9 | 1.5 | 1.9 | 1.2 | .1 | .5 | | | | | 6.2 | 13.5 |
| W | .4 | .9 | 2.2 | 2.6 | 1.7 | .9 | .1 | | | | | 8.9 | 13.5 |
| WNW | .5 | .7 | 2.6 | 2.2 | 1.1 | .5 | | .1 | | | | 7.7 | 12.1 |
| NW | .3 | .4 | .8 | .4 | | .1 | | | | | | 2.0 | 8.8 |
| NNW | .5 | .4 | 1.2 | .1 | | | | | | | | 2.3 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.0 | |
| | 11.2 | 30.8 | 25.7 | 11.6 | 4.3 | 1.7 | .7 | .1 | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-8J (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 3.1 | 3.4 | 1.1 | | | | | | | | 9.0 | 6.9 |
| NNE | .9 | 1.9 | 2.2 | .4 | | | | | | | | 5.4 | 6.4 |
| NE | .8 | 2.6 | 1.2 | | | | | | | | | 4.6 | 5.1 |
| ENE | .5 | 1.9 | .5 | .1 | | | | | | | | 3.1 | 5.6 |
| E | .9 | 1.5 | .7 | .3 | | | | | | | | 3.4 | 5.5 |
| ESE | 1.3 | 2.0 | .4 | | | | | | | | | 3.8 | 4.2 |
| SE | 1.1 | 2.6 | .7 | | | | | | | | | 4.3 | 4.8 |
| SSE | .7 | 3.1 | 2.0 | | | | | | | | | 5.8 | 5.8 |
| S | .7 | 3.1 | 2.4 | .3 | | | | | | | | 6.5 | 6.1 |
| SSW | .5 | 1.3 | 1.2 | .7 | | .1 | | | | | | 3.9 | 7.6 |
| SW | .4 | 1.5 | 2.3 | 2.3 | .8 | .4 | .1 | | | | | 7.8 | 10.9 |
| WSW | .5 | .7 | 1.2 | 2.6 | 1.5 | 1.2 | .1 | | | | | 7.9 | 14.4 |
| W | .3 | .4 | 2.4 | 4.6 | 1.2 | .5 | | | | | | 9.4 | 12.8 |
| WNW | .7 | .3 | 2.2 | 3.2 | 1.1 | .5 | | | | | | 7.9 | 12.5 |
| NW | .5 | 1.1 | 1.6 | .5 | .4 | .3 | .1 | | | | | 4.6 | 10.2 |
| NNW | .7 | .7 | .7 | .1 | .1 | | | | | | | 2.3 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.5 | |
| | 12.1 | 27.6 | 25.1 | 16.1 | 5.1 | 3.1 | .4 | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 66 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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 1.3 | 3.4 | 3.3 | .8 | .0 | | | | | | | 8.9 | 6.6 |
| NNE | 1.4 | 4.7 | 3.0 | .6 | | | | | | | | 9.6 | 6.0 |
| NE | 1.6 | 3.4 | 1.0 | .2 | | | | | | | | 6.2 | 5.1 |
| ENE | .8 | 2.0 | .6 | .2 | .1 | | | | | | | 3.8 | 5.9 |
| E | .8 | 1.5 | .9 | .5 | .0 | | | | | | | 3.7 | 6.6 |
| ESE | .8 | 1.7 | .8 | .2 | | | | | | | | 3.3 | 5.5 |
| SE | .7 | 1.8 | .7 | .2 | | | | | | | | 3.5 | 5.6 |
| SSE | .5 | 1.4 | 1.1 | .1 | | | | | | | | 3.1 | 5.9 |
| S | 1.1 | 3.3 | 2.3 | .2 | | | | | | | | 6.9 | 5.9 |
| SSW | .8 | 2.4 | 2.2 | .5 | .0 | | | | | | | 5.9 | 6.6 |
| SW | .6 | 1.8 | 2.7 | 1.8 | .3 | .1 | | | | | | 7.2 | 8.7 |
| WSW | .7 | 1.2 | 2.5 | 2.3 | .5 | .2 | .1 | .0 | | | | 7.4 | 10.4 |
| W | .3 | 1.1 | 2.3 | 3.4 | 1.3 | .5 | .1 | .0 | .0 | | | 9.1 | 12.4 |
| WNW | .4 | .6 | 1.6 | 2.3 | 1.2 | .6 | .1 | | | | | 6.8 | 12.7 |
| NW | .3 | .8 | .9 | .5 | .3 | .1 | .0 | | | | | 2.9 | 9.4 |
| NNW | .4 | .7 | .6 | .2 | | .0 | | | | | | 1.9 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.8 | |
| | 12.6 | 32.0 | 26.2 | 13.9 | 3.7 | 1.5 | .2 | .1 | .0 | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 5421

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)

23044 (STATION) SIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 1.5 | 4.3 | 3.4 | .4 | | | | | | | | 9.6 | 6.2 |
| NNE | 1.5 | 5.3 | 2.4 | .3 | | | | | | | | 9.4 | 5.6 |
| NE | 1.5 | 4.3 | 1.0 | .1 | | | | | | | | 6.6 | 5.0 |
| ENE | .9 | 2.4 | 1.0 | .3 | | | | | | | | 4.6 | 5.5 |
| E | .6 | 2.2 | .4 | | | | | | | | | 3.2 | 5.0 |
| ESE | .6 | 2.4 | .9 | | | | | | | | | 3.8 | 5.5 |
| SE | .3 | 2.2 | 1.2 | .1 | | | | | | | | 3.8 | 6.0 |
| SSE | .7 | 2.2 | .4 | | | | | | | | | 3.4 | 5.0 |
| S | 1.2 | 4.7 | 1.6 | | | | | | | | | 7.5 | 5.4 |
| SSW | .6 | 2.1 | 2.7 | .3 | | | | | | | | 5.6 | 6.5 |
| SW | .4 | 1.5 | 1.9 | 1.8 | .3 | | | | | | | 5.9 | 8.9 |
| WSW | .3 | .6 | 1.6 | 1.9 | .3 | .4 | | | | | | 5.2 | 11.5 |
| W | .4 | .1 | .9 | 2.4 | .9 | .1 | | | | | | 4.9 | 12.8 |
| WNW | .6 | .6 | 1.2 | 3.7 | 2.4 | .9 | | | | | | 9.3 | 13.8 |
| NW | .9 | .7 | 1.0 | .7 | .7 | | | | | | | 4.1 | 9.3 |
| NNW | | .4 | .6 | .3 | | | | | | | | 1.3 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.7 | |
| | 11.9 | 35.7 | 22.3 | 12.4 | 4.6 | 1.5 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 678

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)

23044 (STATION) PIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 1.6 | 3.8 | 2.4 | .3 | | | | | | | | 8.1 | 5.8 |
| NNE | .6 | 3.5 | 1.6 | .4 | | | | | | | | 6.2 | 6.1 |
| NE | 1.6 | 2.5 | .4 | .3 | | | | | | | | 4.9 | 4.9 |
| ENE | .4 | 2.1 | .3 | .1 | | | | | | | | 3.0 | 5.5 |
| E | .4 | 1.9 | 1.8 | .9 | | | | | | | | 5.0 | 7.8 |
| ESE | .9 | 1.8 | 1.5 | .1 | | | | | | | | 4.3 | 5.9 |
| SE | .7 | 1.2 | .7 | .3 | | | | | | | | 3.0 | 5.8 |
| SSE | | .6 | | | | | | | | | | .6 | 5.0 |
| S | .6 | 2.2 | 1.8 | .1 | | | | | | | | 4.7 | 6.0 |
| SSW | .6 | 3.1 | 1.3 | .1 | | | | | | | | 5.2 | 5.7 |
| SW | .4 | 3.8 | 3.0 | .9 | .3 | | | | | | | 8.4 | 7.4 |
| WSW | .6 | 3.4 | 3.0 | 2.4 | .4 | .3 | | | | | | 10.0 | 8.9 |
| W | .6 | 2.4 | 3.0 | 4.0 | 2.2 | .6 | .1 | | | | | 12.9 | 11.9 |
| WNW | .1 | 1.5 | 1.9 | 2.5 | 1.2 | 1.2 | | | | | | 8.4 | 13.0 |
| NW | .3 | 1.8 | 1.8 | .6 | .1 | .1 | | | | | | 4.7 | 8.4 |
| NNW | .4 | 1.0 | .9 | | | | | | | | | 2.4 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.3 | |
| | 10.0 | 36.6 | 25.3 | 13.1 | 4.3 | 2.2 | .1 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) FEB (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 | 2.2 | 1.5 | 1.0 | .1 | | | | | | | 5.2 | 7.5 |
| NNE | .9 | 2.2 | 1.8 | .4 | | | | | | | | 5.3 | 6.3 |
| NE | .9 | 2.4 | .7 | .4 | | | | | | | | 4.4 | 6.0 |
| ENE | .1 | 1.5 | .7 | .6 | .3 | | | | | | | 3.2 | 8.5 |
| E | .3 | .4 | 1.0 | 1.2 | | | | | | | | 2.9 | 9.3 |
| ESE | .3 | 1.0 | 1.3 | .3 | | | | | | | | 2.9 | 7.0 |
| SE | .4 | 1.0 | .3 | .6 | | | | | | | | 2.4 | 6.9 |
| SSE | .4 | .6 | .7 | .1 | | | | | | | | 1.9 | 6.2 |
| S | 1.2 | 1.6 | 1.0 | .4 | | | | | | | | 4.3 | 5.8 |
| SSW | .6 | 1.9 | 1.9 | .7 | | | | | | | | 5.2 | 7.5 |
| SW | .7 | 3.2 | 4.4 | 2.5 | .3 | .1 | | | | | | 11.4 | 8.4 |
| WSW | .6 | 1.9 | 6.2 | 4.4 | .3 | .1 | | .1 | | | | 13.7 | 10.1 |
| W | .6 | 2.9 | 4.9 | 6.2 | 2.5 | .9 | | .1 | .1 | | | 18.3 | 12.2 |
| WNW | .6 | 1.3 | 2.8 | 3.1 | 1.5 | .3 | .1 | | | | | 9.7 | 11.7 |
| NW | .7 | .7 | 1.6 | .1 | .3 | .1 | | | | | | 3.2 | 8.9 |
| NNW | .1 | .9 | .6 | .3 | | .1 | | | | | | 2.1 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.8 | |
| | 8.4 | 26.0 | 31.6 | 22.6 | 5.3 | 1.8 | .1 | .3 | .1 | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS 678

USAFETAC FORM 0-8-5 (OL-A) JUL 64 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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 2.4 | 3.0 | .9 | | | | | | | | 6.5 | 7.5 |
| NNE | .4 | 1.3 | 2.2 | .3 | | | | | | | | 4.3 | 6.9 |
| NE | .9 | 1.9 | .9 | | | | | | | | | 3.7 | 5.3 |
| ENE | .1 | 1.6 | .4 | .3 | .3 | | | | | | | 2.8 | 7.7 |
| E | .7 | 1.2 | 1.3 | 1.0 | | | | | | | | 4.3 | 8.0 |
| ESE | .6 | .7 | 1.0 | .6 | | | | | | | | 3.0 | 7.1 |
| SE | .1 | 1.3 | 1.0 | .3 | | | | | | | | 2.8 | 7.3 |
| SSE | .4 | 1.2 | 1.0 | | | | | | | | | 2.7 | 5.6 |
| S | 1.2 | 3.1 | 3.0 | | | | | | | | | 7.2 | 6.2 |
| SSW | .7 | 3.5 | 3.8 | .6 | .1 | | | | | | | 8.9 | 6.7 |
| SW | .9 | 1.9 | 4.4 | 3.0 | .7 | .3 | | | | | | 11.2 | 9.9 |
| WSW | 1.2 | 1.6 | 4.9 | 4.4 | .7 | .3 | .4 | .1 | | | | 13.7 | 11.1 |
| W | | 1.6 | 4.6 | 5.9 | 1.3 | .1 | .1 | | | | | 13.7 | 11.7 |
| WNW | .3 | .4 | 2.2 | 1.6 | 1.0 | .6 | | | | | | 6.2 | 12.4 |
| NW | .3 | .3 | .9 | .7 | .1 | | | | | | | 2.4 | 9.3 |
| NNW | .6 | .9 | 1.2 | .4 | | | | | | | | 3.1 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.5 | |
| | 8.9 | 25.1 | 35.9 | 20.1 | 4.4 | 1.3 | .6 | .1 | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS 677

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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) D.R. | 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 | 4.7 | 4.9 | 1.5 | | | | | | | | 12.4 | 7.1 |
| NNE | 1.3 | 4.1 | 4.9 | 1.2 | | | | | | | | 11.5 | 6.9 |
| NE | 1.3 | 2.2 | 1.5 | .4 | | | | | | | | 5.5 | 6.1 |
| ENE | .3 | .6 | .1 | .3 | .4 | | | | | | | 1.8 | 9.8 |
| E | 1.0 | .7 | 1.2 | .4 | | | | | | | | 3.4 | 6.8 |
| ESE | .6 | 1.5 | .6 | | | | | | | | | 2.7 | 5.1 |
| SE | 1.2 | 1.8 | .6 | | | | | | | | | 3.5 | 4.5 |
| SSE | .9 | .9 | 2.2 | | | | | | | | | 4.0 | 6.6 |
| S | 1.2 | 5.5 | 3.4 | | | | | | | | | 10.0 | 5.9 |
| SSW | 1.9 | 2.9 | 2.9 | .9 | | | | | | | | 8.7 | 6.3 |
| SW | 1.2 | 1.0 | 3.1 | 2.2 | | .1 | | | | | | 7.7 | 8.5 |
| WSW | .7 | 1.0 | 1.2 | 1.6 | .9 | .1 | | | | | | 5.6 | 10.4 |
| W | .4 | .7 | 1.3 | 3.2 | .4 | 1.0 | .4 | | | | | 7.7 | 13.7 |
| WNW | .3 | .4 | 1.2 | 2.4 | .6 | | .1 | | | | | 5.0 | 11.6 |
| NW | .1 | .4 | .7 | .9 | .3 | | | | | | | 2.5 | 10.2 |
| NNW | .4 | .3 | .4 | .3 | | | | | | | | 1.5 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.6 | |
| | 14.3 | 28.9 | 30.2 | 15.3 | 2.7 | 1.3 | .6 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 678

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)

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | FEB 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 | 3.4 | 5.2 | .7 | | | | | | | | 11.5 | 6.4 |
| NNE | 1.9 | 9.4 | 4.6 | .9 | | | | | | | | 16.8 | 5.9 |
| NE | 1.8 | 5.5 | .7 | .1 | | | | | | | | 8.1 | 4.8 |
| ENE | 1.0 | 2.8 | .9 | | .1 | | | | | | | 4.9 | 5.2 |
| E | 1.6 | 1.3 | .3 | .1 | | | | | | | | 3.4 | 4.4 |
| ESE | 1.5 | .9 | | | | | | | | | | 2.4 | 3.7 |
| SE | 1.2 | 1.6 | .7 | .1 | | | | | | | | 3.7 | 5.2 |
| SSE | .7 | 2.2 | 1.5 | .3 | | | | | | | | 4.7 | 6.1 |
| S | .9 | 2.9 | 2.7 | .3 | | | | | | | | 6.8 | 6.2 |
| SSW | .6 | 1.6 | 1.6 | .7 | | | | | | | | 4.6 | 7.1 |
| SW | .3 | .7 | 1.5 | .4 | .3 | | | | | | | 3.2 | 8.4 |
| WSW | .7 | .3 | .7 | .6 | .6 | .3 | .1 | | | | | 3.4 | 11.8 |
| W | | .1 | 1.6 | 1.5 | .9 | .4 | | | | | | 4.6 | 13.1 |
| WNW | .4 | .4 | .7 | 1.8 | .4 | .3 | | | | | | 4.1 | 11.6 |
| NW | .3 | .4 | .4 | .1 | .1 | .1 | | | | | | 1.6 | 9.5 |
| NNW | .3 | .7 | .1 | .3 | | | | | | | | 1.5 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.7 | |
| | 15.5 | 34.5 | 23.3 | 8.1 | 2.5 | 1.2 | .1 | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 STATION — BIGGS AAF TX (EL PASO) STATION NAME — 73-80 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 | 2.2 | 3.7 | 2.8 | 1.2 | | | | | | | | 9.9 | 6.5 |
| NNE | 2.5 | 6.6 | 3.8 | .6 | | | | | | | | 13.6 | 5.7 |
| NE | 2.2 | 4.0 | 1.6 | .1 | | | | | | | | 8.0 | 5.0 |
| ENE | 1.6 | 2.5 | .7 | .1 | | | | | | | | 5.0 | 4.9 |
| E | .4 | 2.7 | .4 | .1 | | | | | | | | 3.7 | 5.0 |
| ESE | .7 | 2.7 | .3 | .1 | | | | | | | | 3.8 | 4.9 |
| SE | .9 | 3.1 | .7 | | | | | | | | | 4.7 | 4.8 |
| SSE | .4 | 1.5 | .9 | | | | | | | | | 2.8 | 5.8 |
| S | 1.2 | 3.0 | 2.1 | .1 | | | | | | | | 6.4 | 5.7 |
| SSW | .9 | 1.6 | 1.8 | .3 | .1 | | | | | | | 4.7 | 6.9 |
| SW | .9 | .9 | 2.1 | 1.5 | .1 | | | | | | | 5.5 | 8.4 |
| WSW | .6 | .3 | 1.5 | .9 | .4 | .1 | | | | | | 3.8 | 10.5 |
| W | .4 | .9 | 1.2 | 1.3 | 1.2 | .4 | | | | | | 5.5 | 12.1 |
| WNW | .4 | .1 | 1.6 | 1.2 | .7 | .1 | | | | | | 4.3 | 12.1 |
| NW | .1 | .1 | .3 | .6 | .4 | | | | | | | 1.6 | 12.4 |
| NNW | .6 | .7 | .4 | | | | | | | | | 1.8 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.9 | |
| | 16.2 | 34.4 | 22.3 | 8.3 | 3.1 | .7 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 677

USAFETAC FORM JUL 66 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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 1.2 | 3.1 | 3.1 | .7 | | | | | | | | 8.1 | 6.6 |
| NNE | 1.6 | 5.0 | 2.5 | .4 | | | | | | | | 9.7 | 5.5 |
| NE | 2.7 | 4.6 | 1.2 | | | | | | | | | 8.4 | 4.7 |
| ENE | 1.9 | 2.9 | .6 | | | | | | | | | 5.5 | 4.3 |
| E | 1.3 | 1.6 | .4 | .1 | .3 | | | | | | | 3.8 | 5.8 |
| ESE | .9 | 2.4 | .4 | .1 | | | | | | | | 3.8 | 5.0 |
| SE | 1.0 | 2.4 | .4 | .1 | | | | | | | | 4.0 | 5.0 |
| SSE | .4 | 2.4 | 1.6 | .1 | | | | | | | | 4.6 | 5.9 |
| S | 1.8 | 3.5 | 2.7 | .4 | | | | | | | | 8.4 | 5.7 |
| SSW | .7 | 2.1 | 1.6 | .1 | | | | | | | | 4.1 | 6.0 |
| SW | .3 | 1.0 | 1.3 | 1.9 | | | | | | | | 4.6 | 9.8 |
| WSW | .7 | .6 | .7 | 1.8 | .1 | | | | | | | 4.0 | 9.8 |
| W | .1 | .3 | .6 | 2.5 | .9 | .6 | | | | | | 5.0 | 14.1 |
| WNW | .7 | .3 | .9 | 2.2 | 1.6 | 1.0 | .1 | | | | | 6.9 | 14.7 |
| NW | .1 | 1.5 | .4 | .4 | .1 | .1 | .1 | | | | | 2.9 | 9.5 |
| NNW | .3 | .9 | .3 | | | | | | | | | 1.5 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.6 | |
| | 15.6 | 34.5 | 18.9 | 11.2 | 3.1 | 1.8 | .3 | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 1.7 | 4.2 | 3.2 | .8 | .1 | | | | | | | 10.0 | 6.4 |
| NNE | 1.6 | 4.6 | 2.7 | .5 | | | | | | | | 9.4 | 5.9 |
| NE | 1.3 | 3.1 | .9 | .3 | .2 | | | | | | | 5.8 | 5.8 |
| ENE | 1.0 | 1.9 | .4 | .3 | .2 | .1 | | | | | | 3.9 | 6.2 |
| E | 1.0 | 2.0 | .9 | .3 | .1 | | | | | | | 4.2 | 5.8 |
| ESE | 1.0 | 1.9 | .6 | .1 | .0 | | | | | | | 3.6 | 5.1 |
| SE | .8 | 1.6 | 1.1 | .0 | | | | | | | | 3.5 | 5.4 |
| SSE | .7 | 1.7 | 1.1 | .1 | | | | | | | | 3.7 | 5.8 |
| S | 1.1 | 3.7 | 2.9 | .5 | .0 | .0 | | | | | | 8.2 | 6.3 |
| SSW | .7 | 2.5 | 2.0 | .4 | .0 | | | | | | | 5.6 | 6.4 |
| SW | .9 | 1.9 | 2.3 | 1.1 | .1 | .1 | | | | | | 6.4 | 7.8 |
| WSW | .4 | 1.1 | 2.0 | 2.0 | .6 | .2 | .0 | .0 | | | | 6.4 | 10.7 |
| W | .3 | .9 | 2.3 | 2.5 | 1.2 | 1.0 | .2 | | | | | 8.4 | 13.2 |
| WNW | .3 | .6 | 1.4 | 1.4 | 1.0 | .3 | .1 | .0 | | | | 5.2 | 12.7 |
| NW | .3 | .8 | .7 | .4 | .1 | .0 | | | | | | 2.3 | 8.0 |
| NNW | .4 | .8 | .5 | .3 | .0 | | | | | | | 2.0 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.5 | |
| | 13.6 | 33.5 | 24.8 | 11.0 | 3.5 | 1.7 | .3 | .0 | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 5949

USAFETAC FORM 0-8-3 (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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 1.9 | 4.7 | 2.2 | .8 | | | | | | | | 9.5 | 5.9 |
| NNE | 2.3 | 4.7 | 1.9 | .1 | | | | | | | | 9.0 | 5.0 |
| NE | 1.5 | 3.5 | .7 | | .3 | | | | | | | 5.9 | 5.2 |
| ENE | 1.2 | 3.2 | .7 | .3 | .1 | .1 | | | | | | 5.6 | 6.2 |
| E | .9 | 2.6 | .7 | .1 | | | | | | | | 4.3 | 5.5 |
| ESE | 1.2 | 2.0 | | | | | | | | | | 3.2 | 4.1 |
| SE | 1.2 | 2.0 | .7 | .1 | | | | | | | | 4.0 | 5.2 |
| SSE | 1.1 | 2.6 | 1.9 | | | | | | | | | 5.5 | 5.6 |
| S | .4 | 3.4 | 2.4 | .3 | | | | | | | | 6.5 | 6.4 |
| SSW | .9 | 2.6 | 2.2 | .3 | .1 | | | | | | | 6.0 | 6.3 |
| SW | .7 | 2.0 | 1.3 | 1.1 | | | | | | | | 5.1 | 7.4 |
| WSW | .7 | .5 | 1.5 | .9 | .7 | .3 | | | | | | 4.6 | 10.7 |
| W | .3 | .8 | 1.6 | 2.4 | 1.1 | .5 | .5 | | | | | 7.3 | 14.0 |
| WNW | .4 | .5 | 1.6 | 1.1 | 1.3 | .5 | .1 | | | | | 5.6 | 13.4 |
| NW | .1 | .8 | .8 | .1 | .1 | | | | | | | 2.0 | 7.7 |
| NNW | .7 | .8 | .3 | .7 | .1 | | | | | | | 2.6 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.2 | |
| | 15.5 | 36.7 | 20.3 | 8.3 | 3.9 | 1.5 | .7 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 744

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)

23044 (STATION) | FIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (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 | 2.2 | 4.4 | 2.3 | 1.1 | | | | | | | | 9.9 | 5.9 |
| NNE | .5 | 3.9 | 1.9 | .3 | | | | | | | | 6.6 | 5.9 |
| NE | .3 | 3.4 | 1.3 | .1 | .4 | | | | | | | 6.0 | 6.4 |
| ENE | .4 | 2.6 | .5 | .4 | .1 | | | | | | | 4.0 | 6.3 |
| E | .8 | 1.1 | .9 | .4 | .1 | | | | | | | 3.4 | 6.9 |
| ESE | 1.5 | 2.8 | .3 | | | | | | | | | 4.6 | 4.4 |
| SE | .7 | 1.6 | .7 | | | | | | | | | 3.0 | 5.0 |
| SSE | .5 | .9 | 1.1 | | | | | | | | | 2.6 | 6.3 |
| S | .4 | 3.8 | 2.0 | .3 | | | | | | | | 6.5 | 6.1 |
| SSW | .4 | 3.4 | 1.2 | .1 | | | | | | | | 5.1 | 5.7 |
| SW | 1.1 | 2.7 | 1.7 | .9 | | .4 | | | | | | 6.9 | 7.9 |
| WSW | .7 | 1.6 | 3.0 | 2.3 | .4 | .4 | | | | | | 8.3 | 9.8 |
| W | .3 | 1.3 | 2.3 | 2.7 | .9 | 1.6 | .5 | | | | | 9.7 | 13.8 |
| WNW | .4 | .9 | 1.1 | 1.7 | 1.5 | .7 | .1 | .1 | | | | 6.6 | 14.3 |
| NW | .7 | .5 | 1.5 | .4 | .1 | | | | | | | 3.2 | 7.5 |
| NNW | .8 | .9 | .5 | .1 | | | | | | | | 2.4 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.3 | |
| | 12.1 | 35.9 | 22.3 | 10.9 | 3.6 | 3.1 | .7 | .1 | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 3.6 | 1.7 | .3 | | | | | | | | 6.9 | 5.7 |
| NNE | .9 | 2.8 | 2.0 | .5 | | | | | | | | 6.3 | 6.3 |
| NE | 1.1 | 1.7 | .8 | .1 | | | | | | | | 3.8 | 5.3 |
| ENE | .5 | .9 | .1 | .3 | .3 | .5 | | | | | | 2.7 | 10.4 |
| E | .7 | 1.9 | 1.1 | | | | | | | | | 3.6 | 5.4 |
| ESE | 1.6 | 1.1 | 1.5 | .1 | | | | | | | | 4.3 | 5.6 |
| SE | .1 | 1.1 | 1.5 | | | | | | | | | 2.7 | 6.5 |
| SSE | .5 | 1.3 | .4 | | | | | | | | | 2.3 | 4.9 |
| S | 1.3 | 3.0 | .4 | .5 | .1 | | | | | | | 5.4 | 5.6 |
| SSW | .7 | 2.8 | 2.6 | .9 | | | | | | | | 7.0 | 6.9 |
| SW | 1.1 | 3.0 | 5.4 | 1.9 | .1 | .1 | | | | | | 11.6 | 8.0 |
| WSW | | 2.0 | 3.8 | 3.5 | 1.3 | .4 | .1 | | | | | 11.2 | 11.6 |
| W | .3 | 1.3 | 5.7 | 4.3 | 1.9 | 2.0 | .1 | | | | | 15.6 | 12.9 |
| WNW | .3 | 1.3 | 1.2 | 1.7 | 1.1 | .3 | .3 | | | | | 6.2 | 12.0 |
| NW | .3 | .7 | 1.1 | .5 | | | | | | | | 2.6 | 7.6 |
| NNW | .3 | .8 | .3 | .1 | | | | | | | | 1.5 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.5 | |
| | 10.9 | 29.5 | 29.5 | 14.9 | 4.8 | 3.4 | .5 | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 743

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)

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (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 | 1.3 | 2.3 | 2.4 | .9 | .1 | | | | | | | 7.1 | 7.1 |
| NNE | 1.5 | 3.1 | 1.7 | .4 | | | | | | | | 6.7 | 5.8 |
| NE | 1.1 | 2.2 | .9 | | .3 | | | | | | | 4.4 | 6.2 |
| ENE | .4 | .7 | .8 | .3 | .3 | | | | | | | 2.4 | 8.2 |
| E | .7 | 1.5 | 1.2 | .4 | .1 | | | | | | | 3.9 | 6.9 |
| ESE | .9 | .7 | .9 | .3 | .1 | | | | | | | 3.0 | 6.6 |
| SE | 1.3 | 1.5 | 1.3 | | | | | | | | | 4.2 | 5.3 |
| SSE | .7 | 1.2 | 1.2 | | | | | | | | | 3.1 | 5.7 |
| S | 1.3 | 4.2 | 3.0 | .5 | | .1 | | | | | | 9.2 | 6.3 |
| SSW | .9 | 2.4 | 3.6 | 1.1 | | | | | | | | 8.1 | 7.2 |
| SW | 1.5 | 1.7 | 3.2 | 2.8 | .3 | .3 | | | | | | 9.8 | 9.0 |
| WSW | .3 | 1.6 | 3.5 | 3.6 | 1.2 | .3 | | | | | | 10.5 | 10.9 |
| W | .4 | 1.7 | 3.1 | 4.4 | 2.0 | .9 | .1 | | | | | 12.8 | 12.6 |
| WNW | .3 | .7 | 1.7 | 2.3 | .4 | .1 | | | | | | 5.5 | 10.9 |
| NW | .3 | 1.1 | .4 | .3 | .4 | | | | | | | 2.4 | 8.3 |
| NNW | .3 | .8 | .5 | .3 | | | | | | | | 1.9 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.0 | |
| | 13.2 | 27.3 | 29.7 | 17.6 | 5.2 | 1.7 | .1 | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 743

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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 4.4 | 5.8 | 1.2 | | | | | | | | 12.9 | 7.1 |
| NNE | 1.3 | 4.3 | 4.3 | .9 | | | | | | | | 10.9 | 6.8 |
| NE | 1.1 | 1.9 | .7 | .7 | | | | | | | | 4.3 | 6.3 |
| ENE | 1.5 | .9 | .1 | .4 | .1 | | | | | | | 3.1 | 5.8 |
| E | 1.5 | 1.7 | .8 | .8 | .1 | | | | | | | 5.0 | 6.5 |
| ESE | .9 | 1.3 | .7 | | | | | | | | | 3.0 | 4.7 |
| SE | .9 | 1.1 | 1.2 | .1 | | | | | | | | 3.4 | 5.8 |
| SSE | .7 | 1.6 | 1.3 | .3 | | | | | | | | 3.9 | 6.3 |
| S | 2.2 | 4.3 | 6.3 | .4 | | | | | | | | 13.2 | 6.5 |
| SSW | 1.2 | 3.0 | 2.7 | .1 | | | | | | | | 7.0 | 6.1 |
| SW | .9 | 1.9 | 1.7 | 1.2 | | | | | | | | 5.8 | 7.4 |
| WSW | .8 | .9 | 1.7 | 1.7 | .5 | | | | | | | 5.8 | 9.9 |
| W | .3 | .4 | 1.3 | 2.4 | .9 | .8 | .1 | | | | | 6.3 | 14.1 |
| WNW | .3 | .5 | .9 | .9 | .3 | | .3 | | | | | 3.2 | 11.4 |
| NW | | .5 | .7 | .4 | | | | | | | | 1.6 | 8.3 |
| NNW | .1 | .1 | .8 | .3 | | | | | | | | 1.3 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 15.2 | 29.0 | 31.2 | 12.0 | 2.0 | .8 | .4 | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 2.4 | 5.4 | 5.0 | .8 | | | | | | | | 13.6 | 6.4 |
| NNE | 2.0 | 7.4 | 2.4 | .7 | | | | | | | | 12.5 | 5.9 |
| NE | 1.3 | 4.4 | .5 | | | | | | | | | 6.3 | 4.8 |
| ENE | 1.5 | 1.6 | .7 | .3 | .1 | | | | | | | 4.2 | 5.7 |
| E | 1.5 | 3.1 | .3 | | | | | | | | | 4.8 | 4.4 |
| ESE | .7 | 1.6 | .3 | | | | | | | | | 2.6 | 4.8 |
| SE | 1.1 | 1.6 | 1.3 | | | | | | | | | 4.0 | 5.2 |
| SSE | 1.1 | 2.0 | 1.5 | .5 | | | | | | | | 5.1 | 6.4 |
| S | 1.1 | 3.6 | 3.4 | .3 | | | | | | | | 8.3 | 6.3 |
| SSW | .7 | 1.7 | .7 | .1 | | | | | | | | 3.2 | 5.5 |
| SW | .8 | .9 | 1.2 | .4 | | | | | | | | 3.4 | 6.6 |
| WSW | .1 | 1.2 | .8 | .7 | .4 | .1 | | .1 | | | | 3.5 | 10.8 |
| W | .4 | .1 | .8 | 1.6 | .9 | .3 | | | | | | 4.2 | 13.3 |
| WNW | .1 | .3 | 1.7 | .8 | .7 | | | | | | | 3.6 | 11.0 |
| NW | .1 | .7 | .3 | .3 | .3 | | | | | | | 1.6 | 9.1 |
| NNW | .5 | 1.5 | .8 | .1 | | | | | | | | 3.0 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.1 | |
| | 15.5 | 37.2 | 21.6 | 6.6 | 2.4 | .4 | | .1 | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | .8 | 4.4 | 3.1 | .9 | | | | | | | | 9.3 | 6.7 |
| NNE | 2.7 | 6.0 | 4.6 | .8 | | | | | | | | 14.1 | 6.0 |
| NE | 2.4 | 4.4 | 1.2 | .3 | .4 | | | | | | | 8.7 | 5.6 |
| ENE | 1.7 | 2.7 | .4 | .3 | | | | | | | | 5.1 | 5.0 |
| E | .7 | 1.9 | .7 | .1 | | | | | | | | 3.4 | 5.4 |
| ESE | .8 | 2.2 | .1 | .4 | | | | | | | | 3.5 | 5.2 |
| SE | .8 | 2.4 | .8 | | | | | | | | | 4.0 | 5.0 |
| SSE | .4 | 2.3 | .7 | | | | | | | | | 3.4 | 5.6 |
| S | 1.1 | 3.1 | 1.7 | 1.1 | | | | | | | | 7.0 | 6.4 |
| SSW | .4 | 2.0 | 1.7 | .3 | | | | | | | | 4.4 | 6.4 |
| SW | .5 | 1.1 | 1.1 | .4 | | | | | | | | 3.1 | 6.7 |
| WSW | .4 | .3 | 1.1 | 1.9 | .3 | | | | | | | 3.9 | 10.8 |
| W | .1 | .7 | 2.0 | 1.1 | .8 | .5 | .1 | | | | | 5.4 | 12.4 |
| WNW | | .5 | 1.2 | 2.0 | 1.3 | .3 | | | | | | 5.4 | 13.2 |
| NW | .4 | 1.1 | .4 | .4 | .1 | .1 | | | | | | 2.6 | 8.1 |
| NNW | .1 | .8 | .7 | .4 | | | | | | | | 2.0 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.8 | |
| | 13.4 | 35.9 | 21.5 | 10.3 | 3.0 | .9 | .1 | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 4.4 | 3.0 | .7 | .3 | | | | | | | 10.9 | 6.2 |
| NNE | 1.3 | 4.4 | 3.1 | | | | | | | | | 8.9 | 5.5 |
| NE | 1.2 | 3.6 | .6 | 1.1 | | | | | | | | 6.7 | 6.5 |
| ENE | .9 | 2.7 | .1 | | .1 | | | | | | | 3.9 | 4.8 |
| E | 1.6 | 2.0 | 1.3 | .4 | | | | | | | | 5.4 | 5.5 |
| ESE | .5 | 3.5 | .7 | | | | | | | | | 4.7 | 5.1 |
| SE | .4 | 1.6 | .9 | | | | | | | | | 3.0 | 5.4 |
| SSE | .8 | 1.9 | .7 | .1 | | | | | | | | 3.5 | 5.3 |
| S | 1.2 | 4.3 | 3.9 | .4 | | | | | | | | 9.8 | 6.3 |
| SSW | .3 | 2.3 | 1.1 | .3 | | | | | | | | 3.9 | 6.3 |
| SW | .3 | 1.9 | 2.7 | .4 | | | | | | | | 5.2 | 7.2 |
| WSW | .3 | .7 | .5 | 1.6 | .3 | | | | | | | 3.4 | 10.4 |
| W | .5 | 1.1 | 1.2 | .9 | .8 | .9 | .1 | | | | | 5.7 | 12.9 |
| WNW | .3 | .3 | 1.6 | .8 | 1.6 | .8 | | | | | | 5.4 | 14.4 |
| NW | .4 | .8 | .7 | .4 | | .1 | | | | | | 2.4 | 8.1 |
| NNW | .1 | .8 | .1 | .3 | | | | | | | | 1.3 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.9 | |
| | 12.8 | 36.3 | 22.5 | 7.4 | 3.1 | 1.9 | .1 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 743

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 69-80 (YEARS)

DAILY PEAK GUSTS IN KNOTS

| MONTH / YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV. | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | | | | | | | | | | | W 40 | SW 43 | |
| 70 | W 47 | W 48 | SW 53 | W 46 | SW 43 | W 47 | N 39 | NW 39 | SW 55 | W 45 | NW 40 | W 64 | W 64 |
| 71 | NW 51 | SW 51 | NW 49 | NW 47 | SW 46 | W 39 | W 46 | NW 58 | E 38 | SW 35 | W 39 | W 54 | NW 58 |
| 72 | W 42 | NW 38 | W 44 | SW 49 | W 37 | E 40 | N 50 | SE 59 | NW 37 | W 31 | NW 41 | W 53 | W 53 |
| 73 | W 53 | W 44 | SW 48 | SW 47 | W 48 | SE 46 | SW 41 | NE 33 | W 38 | NW 32 | W 47 | W 50 | W 53 |
| 74 | SW 42 | W 50 | W 41 | W 64 | SE 48 | NW 53 | SW 43 | SW 46 | S 41 | W 32 | SW 29 | SW 40 | W 64 |
| 75 | W 53 | NW 44 | SW 53 | W 46 | NW 42 | E 50 | NE 37 | NW 37 | SE 34 | SW 38 | W 51 | SW 55 | SW 55 |
| 76 | W 51 | W 48 | SW 52 | NE 41 | SW 48 | SW 56 | NW 44 | N 34 | SW 41 | E 30 | W 43 | W 30 | SW 56 |
| 77 | W 44 | W 63 | W 73 | W 49 | W 48 | SW 43 | NW 38 | NE 50 | N 34 | SW 37 | SW 41 | W 52 | W 73 |
| 78 | SW 43 | W 39 | SW 54 | SW 43 | S 44 | E 41 | NE 32 | W 43 | NW *29 | NW 51 | W 40 | W 41 | SW 54 |
| 79 | W 52 | NW 40 | W 44 | W 60 | SW 46 | N 36 | N 63 | SW 41 | E 35 | W 37 | SW 33 | W 29 | N 63 |
| 80 | W 34 | NW 40 | W 64 | E 42 | W 38 | W 39 | E 37 | E 32 | | | | | |
| MEAN | 46.5 | 45.9 | 52.3 | 48.7 | 44.4 | 44.5 | 43.1 | 40.7 | 39.2 | 36.8 | 40.4 | 46.5 | 59.9 |
| S.D. | 6.089 | 7.286 | 9.296 | 7.157 | 8.0 | 6.409 | 7.905 | 8.051 | 6.476 | 6.663 | 5.921 | 10.875 | 6.642 |
| TOTAL OBS | 340 | 311 | 341 | 329 | 3[illegible] | 330 | 341 | 341 | 284 | 310 | 330 | 341 | 3939 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

USAF ETAC FORM FX 64 0-88-5 (OLA)

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.

C

...ECHNICAL CLIMATOLOGY BRANCH
...ETAC
...FAT...R SERVICE /MAC

# EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

2 44 — ...S AAF TX (FL A-0) — 52-... YEARS
STATION — STATION NAME

DAILY SNOW DEPTH IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR. | MAY | JUN. | JUL | AUG. | SEP. | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | | | | | | | | | | | | | |
| ...4 | | | | | | | | | | | | TRACE | TRACE |
| ...5 | | | | | | | | | | | | | 1 |
| 5 | | 7 | | | | | | | | | | | 7 |
| 5... | | | | | | | | | | | | | 3 |
| 5... | TRAC | | TRAC | | | | | | | | 1 | | 7 |
| | | | | | | | | | | | | | TRACE |
| ...3 | | | | | | | | | | | | | 6 |
| | | | | | | | | | | | | | 4 |
| | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | 4 |
| ... | | | | | | | | | | | | | 0 |
| ...E | | TRACE | TRACE | | | | | | | | | | TRACE |
| ...6 | TRAC | TRACE | | | | | | | | | | | TRACE |
| 6... | | | | | | | | | | | | | 4 |
| 6... | | | | | | | | | | | 7 | | 7 |
| | | | | | | | | | | | | | 4 |
| 7... | TRAC | TRACE | | | | | | | | | | | TRACE |
| | | | | | | | | | | | | | 1 |
| 7... | RAC | | | | | | | | | | | | TRACE |
| | | | | | | | | | | | | | 3 |
| 7... | AC | | | | | | | | | | | | 5 |
| 7... | | TRACE | | | | | | | | | | | 1 |
| 7... | | | | | | | | | | TRACE | 6 | TRACE | 6 |
| 77 | AC | | | | | | | | | | | | TRACE |
| 7... | | | | | | | | | | | | | 0 |
| 7... | | | | | | | | | | | | | 0 |
| ... | | | | TRACE | | | | | | | | | |
| MEAN | .2 | .5 | .3 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | .1 | 2.4 |
| S.D. | .39 | 1.713 | 1.335 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.369 | 1.502 | 2.531 |
| TOTAL OBS. | 668 | 791 | 668 | 840 | 868 | 840 | 899 | 899 | 840 | 868 | 840 | 868 | 10239 |

NOTE - (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0 88 5 (OLA)

3 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

23144 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 52-80 (YEARS)

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR. ABLE AMTS | TOTAL NO OF OBS | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP | NONE | TRACE | 01 | 02 05 | 06 10 | 11 25 | 26 50 | 51 100 | 1 01 2 50 | 2 5 -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 | [illegible].5 | 3.5 | .9 | .1 | | | | | | | | | | 1.0 | 868 | | | |
| FEB | [illegible].[illegible] | 1.4 | .4 | .3 | .3 | .4 | .1 | | | | | | | 1.4 | 791 | | | |
| MAR | 9.[illegible] | .[illegible] | .2 | | | | .1 | | | | | | | .3 | 869 | | | |
| APR | [illegible]9.[illegible] | .2 | | | | | | | | | | | | | 840 | | | |
| MAY | [illegible]0.[illegible] | | | | | | | | | | | | | | 868 | | | |
| JUN | 100. | | | | | | | | | | | | | | 840 | | | |
| JUL | 100. | | | | | | | | | | | | | | 899 | | | |
| AUG | [illegible].0.[illegible] | | | | | | | | | | | | | | 899 | | | |
| SEP | [illegible].0.[illegible] | | | | | | | | | | | | | | 840 | | | |
| OCT | 9.9 | .1 | | | | | | | | | | | | | 868 | | | |
| NOV | [illegible].[illegible] | .8 | .1 | .5 | .4 | .5 | .1 | | | | | | | 1.5 | 840 | | | |
| DEC | [illegible].1 | .[illegible] | .[illegible] | .2 | .1 | .8 | | | | | | | | 2.0 | 868 | | | |
| ANNUAL | [illegible].9 | . | .2 | .1 | .1 | .1 | .[illegible] | | | | | | | .5 | 10289 | | | |

USAFETAC FORM 0-15-5 (OL A) OCT 75 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
... PAT... SEP ECTMA

# EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

2 44 ... AAF TX (EL PASO) ... S.-.O
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG. | SEP. | OCT. | NOV. | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | TRAC | 3.6 | .1 | 2.0 | .0 | .0 | .3 | .0 | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| MEAN | .1 | 1.16 | .31 | .16 | .00 | .00 | .10 | .00 | .00 | TRACE | 1.24 | 1.27 | 4.75 |
| S.D. | 1.4 | 2.039 | 1.351 | .359 | .000 | .000 | .000 | .000 | .000 | .000 | 3.037 | 2.500 | 4.747 |
| TOTAL OBS. | 961 | 876 | 961 | 930 | 961 | 930 | 961 | 961 | 900 | 930 | 900 | 930 | 11205 |

NOTE: * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) FIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 6.2 | 3.6 | 1.5 | .3 | | | | | | | 13.3 | 6.6 |
| NNE | 2.0 | 3.1 | 1.5 | .5 | | | | | | | | 7.1 | 5.5 |
| NE | 1.1 | 3.9 | .5 | .1 | | | | | | | | 5.6 | 5.0 |
| ENE | .4 | 2.4 | .9 | .3 | | | | | | | | 4.0 | 6.0 |
| E | 1.5 | 3.8 | 1.2 | .8 | .1 | | | | | | | 7.4 | 6.1 |
| ESE | 1.2 | 3.5 | 1.5 | .5 | | | | | | | | 6.7 | 5.7 |
| SE | 1.1 | 4.2 | 3.0 | .3 | | | | | | | | 8.5 | 5.9 |
| SSE | .5 | 3.0 | 2.8 | .5 | | | | | | | | 6.9 | 6.6 |
| S | .7 | 3.1 | 4.2 | .4 | | | | | | | | 8.3 | 6.8 |
| SSW | .4 | 2.5 | 1.1 | .7 | | | | | | | | 4.7 | 6.7 |
| SW | .9 | 2.4 | 2.0 | .8 | .1 | | | | | | | 6.3 | 7.1 |
| WSW | .3 | .7 | .7 | .5 | | | | | | | | 2.2 | 8.1 |
| W | .8 | .8 | .7 | .7 | .3 | .1 | | | | | | 3.4 | 8.4 |
| WNW | .3 | .7 | .3 | .4 | | | | | | | | 1.6 | 7.1 |
| NW | .1 | .5 | .3 | | | | | | | | | .9 | 5.3 |
| NNW | .5 | .5 | .3 | | | | | | | | | 1.3 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.7 | |
| | 13.6 | 41.3 | 24.5 | 8.1 | .8 | .1 | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 744

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)

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 2.3 | 1.9 | 1.0 | .1 | .0 | | | | | | 6.6 | 6.9 |
| NNE | .7 | 2.0 | 1.1 | .3 | .1 | .0 | | | | | | 4.1 | 6.2 |
| NE | .8 | 2.0 | .8 | .3 | | | | | | | | 4.0 | 5.8 |
| ENE | .7 | 1.7 | 1.0 | .3 | .1 | .0 | .0 | | | | | 3.8 | 6.7 |
| E | .7 | 2.0 | 2.2 | 1.0 | .2 | .1 | | | | | | 6.3 | 8.0 |
| ESE | .7 | 2.4 | 2.3 | 1.5 | .1 | .0 | | | | | | 7.0 | 7.9 |
| SE | .7 | 3.0 | 3.5 | 1.1 | .2 | .0 | | | | | | 8.5 | 7.5 |
| SSE | .6 | 1.9 | 2.5 | 1.0 | .0 | .1 | | | | | | 6.1 | 7.7 |
| S | .7 | 3.5 | 4.2 | 1.1 | .0 | | | | | | | 9.6 | 7.2 |
| SSW | .7 | 1.6 | 1.6 | .5 | .1 | .0 | .0 | | | | | 4.5 | 7.1 |
| SW | .6 | 2.0 | 1.8 | .9 | .1 | .0 | | | | | | 5.4 | 7.4 |
| WSW | .4 | 1.2 | 2.6 | 2.2 | .6 | .1 | | | | | | 7.1 | 10.1 |
| W | .3 | 1.4 | 3.3 | 3.5 | .8 | .2 | | | | | | 9.6 | 10.8 |
| WNW | .5 | 1.2 | 1.7 | 1.9 | .5 | .1 | | | | | | 5.8 | 10.0 |
| NW | .4 | 1.0 | .7 | .5 | .1 | .0 | | | | | | 2.7 | 7.4 |
| NNW | .4 | .7 | .4 | .2 | .0 | | | | | | | 1.7 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.2 | |
| | 10.4 | 30.0 | 31.5 | 17.3 | 2.9 | .6 | .0 | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 5751

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) — FIGGS AAF TX (EL PASO) (STATION NAME) — 73-80 (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 | 1.1 | 2.9 | 1.5 | 1.1 | .3 | | | | | | | 7.: | 7.1 |
| NNE | .1 | 1.7 | .7 | .1 | | | | | | | | 2.6 | 6.2 |
| NE | .8 | 2.4 | .3 | .3 | | | | | | | | 3.8 | 5.3 |
| ENE | .4 | 1.8 | 1.4 | .3 | | | | | | | | 3.9 | 6.4 |
| E | .1 | 3.1 | 4.0 | 2.2 | .3 | .1 | | | | | | 9.9 | 8.8 |
| ESE | .4 | 2.6 | 3.9 | 2.5 | .4 | .1 | | | | | | 10.0 | 9.0 |
| SE | .3 | 2.9 | 5.3 | 1.5 | .3 | | | | | | | 10.3 | 8.3 |
| SSE | .4 | 1.4 | 3.3 | 1.1 | | | | | | | | 6.3 | 6.0 |
| S | .1 | 1.8 | 1.9 | 1.7 | | | | | | | | 5.6 | 8.3 |
| SSW | .4 | 1.4 | .7 | .4 | | | | | | | | 2.9 | 6.5 |
| SW | .1 | 1.4 | .4 | .1 | | | | | | | | 2.1 | 5.7 |
| WSW | | .4 | 1.4 | 1.0 | .7 | .1 | | | | | | 3.6 | 12.2 |
| W | | 1.0 | 2.6 | 4.6 | 1.3 | | | | | | | 9.5 | 11.9 |
| WNW | .4 | 1.0 | 2.5 | 3.9 | 1.8 | .3 | | | | | | 9.9 | 12.4 |
| NW | .7 | 1.9 | 1.5 | 1.1 | .1 | | | | | | | 4.5 | 8.0 |
| NNW | .6 | 1.3 | 1.3 | .1 | .1 | | | | | | | 3.3 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.0 | |
| | 6.1 | 28.0 | 32.8 | 22.1 | 5.3 | .7 | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS _____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) HIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | .7 | .7 | .8 | .1 | .1 | | | | | | 3.2 | 8.8 |
| NNE | .6 | .7 | 1.0 | .6 | | | | | | | | 2.8 | 7.4 |
| NE | .1 | 1.1 | .7 | .1 | | | | | | | | 2.1 | 6.5 |
| ENE | .6 | .8 | .6 | .6 | .4 | | | | | | | 2.9 | 9.0 |
| E | .8 | 1.1 | 2.2 | 2.4 | 1.0 | .3 | | | | | | 7.8 | 10.7 |
| ESE | .3 | 1.8 | 4.6 | 4.3 | .4 | | | | | | | 11.4 | 10.2 |
| SE | | 1.7 | 3.2 | 1.4 | .7 | .1 | | | | | | 7.1 | 9.8 |
| SSE | .4 | 1.2 | 2.1 | 1.5 | | .3 | | | | | | 5.6 | 9.3 |
| S | .3 | 2.9 | 5.1 | 1.0 | | | | | | | | 9.3 | 7.5 |
| SSW | .1 | .7 | .6 | .1 | .3 | | | | | | | 1.8 | 6.5 |
| SW | .4 | 1.8 | 1.4 | .8 | | | | | | | | 4.4 | 7.3 |
| WSW | .3 | 2.4 | 2.5 | 3.2 | .1 | | | | | | | 8.5 | 9.5 |
| W | .4 | 2.5 | 5.4 | 4.2 | 1.8 | .4 | | | | | | 14.7 | 10.8 |
| WNW | .4 | 3.2 | 3.5 | 3.7 | .7 | | | | | | | 11.5 | 9.4 |
| NW | .1 | 1.0 | 1.1 | .8 | .3 | | | | | | | 3.3 | 9.1 |
| NNW | .1 | .7 | .1 | | | | | | | | | 1.0 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.6 | |
| | 5.7 | 24.3 | 34.7 | 25.6 | 5.8 | 1.2 | | | | | | 100.0 | 9.1 |

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) HIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | .6 | 1.0 | .3 | .1 | | | | | | | 2.2 | 6.2 |
| NNE | | 1.5 | 1.0 | | | .1 | | | | | | 2.6 | 7.1 |
| NE | .4 | 1.0 | .3 | .4 | | | | | | | | 2.1 | 6.5 |
| ENE | .3 | 1.0 | 1.0 | .8 | .3 | .3 | .1 | | | | | 3.8 | 10.7 |
| E | .3 | 1.1 | 2.5 | 1.0 | | .1 | | | | | | 5.0 | 9.1 |
| ESE | .1 | 1.7 | 2.8 | 2.4 | | | | | | | | 7.0 | 9.2 |
| SE | .4 | 1.9 | 2.1 | 2.2 | .3 | | | | | | | 7.0 | 9.1 |
| SSE | .3 | 1.4 | 2.9 | 1.0 | .1 | .1 | | | | | | 5.8 | 8.9 |
| S | .7 | 1.9 | 4.7 | 1.5 | .3 | | | | | | | 9.2 | 8.4 |
| SSW | .6 | 1.7 | 3.1 | 1.1 | | .1 | .1 | | | | | 6.7 | 8.7 |
| SW | .4 | 3.3 | 3.1 | 2.4 | .3 | .1 | | | | | | 9.6 | 8.7 |
| WSW | .3 | 1.4 | 3.9 | 3.8 | .8 | .1 | | | | | | 10.3 | 10.7 |
| W | .8 | 1.9 | 6.1 | 6.1 | .6 | .4 | | | | | | 16.0 | 10.6 |
| WNW | .1 | 1.5 | 2.2 | 2.5 | .1 | | | | | | | 6.5 | 10.0 |
| NW | | 1.8 | .6 | .6 | | .1 | | | | | | 3.1 | 8.6 |
| NNW | | .7 | .4 | .4 | | | | | | | | 1.5 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.7 | |
| | 5.0 | 24.5 | 37.6 | 26.4 | 2.9 | 1.7 | .3 | | | | | 100.0 | 9.2 |

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE MAC

# SURFACE WINDS

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 1.1 | 1.0 | .1 | | | | | | | | 2.5 | 6.8 |
| NNE | .1 | .8 | .7 | .3 | .1 | | | | | | | 2.1 | 7.5 |
| NE | .3 | .7 | 1.3 | .4 | | | | | | | | 2.6 | 7.3 |
| ENE | | 1.4 | .8 | | | | | | | | | 2.2 | 6.4 |
| E | .4 | 1.4 | 2.0 | 1.3 | .6 | | | | | | | 5.6 | 9.2 |
| ESE | .6 | 1.5 | 2.4 | .6 | | | | | | | | 5.0 | 7.8 |
| SE | .6 | 2.5 | 5.2 | 1.4 | .1 | | | | | | | 9.8 | 8.1 |
| SSE | .4 | 2.1 | 1.7 | 1.7 | .1 | | | | | | | 6.0 | 8.3 |
| S | 1.0 | 3.5 | 5.3 | 2.0 | | | | | | | | 11.7 | 7.9 |
| SSW | .7 | 3.2 | 2.1 | 1.7 | .1 | | | | | | | 7.8 | 7.6 |
| SW | .6 | 3.5 | 4.0 | 1.3 | .1 | | | | | | | 9.5 | 7.5 |
| WSW | .4 | 2.6 | 5.4 | 2.9 | .8 | .1 | | | | | | 12.4 | 9.7 |
| W | .3 | 2.1 | 5.6 | 4.0 | .7 | | | | | | | 12.7 | 9.9 |
| WNW | .6 | .7 | 1.4 | 1.5 | .1 | .1 | | | | | | 4.5 | 9.8 |
| NW | .6 | 1.3 | .3 | .4 | | | | | | | | 2.5 | 6.2 |
| NNW | .6 | .3 | .7 | | | | | | | | | 1.5 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 7.3 | 28.7 | 39.7 | 19.5 | 2.9 | .3 | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) — JOGS AAF TX (EL PASO) (STATION NAME) — 73-80 (YEARS) — JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 1.4 | 1.2 | 1.8 | | | | | | | | 5.6 | 7.9 |
| NNE | .3 | .9 | 1.5 | .4 | | | | | | | | 3.1 | 7.4 |
| NE | .4 | 1.4 | 1.2 | .4 | | | | | | | | 3.5 | 7.0 |
| ENE | .1 | 1.5 | .7 | .4 | | | | | | | | 2.8 | 6.5 |
| E | .8 | 1.8 | 2.4 | .7 | | | | | | | | 5.7 | 7.3 |
| ESE | 1.1 | 2.9 | 1.2 | 1.0 | | | | | | | | 6.2 | 6.6 |
| SE | .4 | 4.2 | 3.9 | 1.1 | | | | | | | | 9.6 | 7.2 |
| SSE | .7 | 3.1 | 3.3 | 1.1 | | | | | | | | 8.2 | 7.3 |
| S | 1.1 | 6.4 | 7.4 | 1.0 | | | | | | | | 15.8 | 6.7 |
| SSW | .7 | 1.8 | 2.5 | .3 | | | | | | | | 5.3 | 6.7 |
| SW | 1.0 | 2.4 | 2.9 | 1.1 | .1 | | | | | | | 7.5 | 7.2 |
| WSW | 1.0 | 1.7 | 2.9 | 2.5 | .6 | | | | | | | 8.6 | 9.3 |
| W | .6 | 1.2 | 3.5 | 3.2 | .4 | | | | | | | 8.9 | 9.7 |
| WNW | .4 | .7 | 1.1 | 1.1 | | | | | | | | 3.3 | 8.9 |
| NW | | .3 | .7 | .1 | | | | | | | | 1.1 | 8.1 |
| NNW | .3 | .3 | | .1 | | | | | | | | .7 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.2 | |
| | 10.0 | 31.8 | 36.5 | 16.4 | 1.1 | | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM 0-8-5 (OL-A) JUL 64 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)

23044 (STATION) HIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.5 | 4.9 | 3.1 | 1.5 | | | | | | | | 12.0 | 6.4 |
| NNE | 2.1 | 4.0 | 1.8 | .7 | .3 | | | | | | | 8.9 | 6.2 |
| NE | 2.1 | 4.5 | 1.0 | .6 | | | | | | | | 8.1 | 5.2 |
| ENE | 1.8 | 1.4 | .3 | | | | | | | | | 3.5 | 4.0 |
| E | 1.1 | 2.9 | .6 | .4 | | | | | | | | 5.0 | 5.4 |
| ESE | 1.3 | 2.5 | 1.0 | .1 | | | | | | | | 4.9 | 5.3 |
| SE | 1.9 | 3.5 | 2.8 | .1 | | | | | | | | 8.4 | 5.6 |
| SSE | .8 | 1.9 | 2.5 | .1 | | | | | | | | 5.4 | 6.3 |
| S | 1.0 | 5.7 | 3.1 | | | | | | | | | 9.7 | 5.7 |
| SSW | 1.1 | 1.4 | 1.0 | .1 | | | | | | | | 3.6 | 5.5 |
| SW | .4 | 1.4 | 1.3 | 1.0 | | | | | | | | 4.0 | 7.8 |
| WSW | .3 | .1 | 1.7 | 1.5 | .3 | | | | | | | 3.9 | 10.5 |
| W | .1 | .6 | 1.7 | 1.1 | .6 | .4 | | | | | | 4.0 | 11.9 |
| WNW | .1 | .6 | .4 | .3 | | | | | | | | 1.4 | 7.7 |
| NW | .6 | .7 | .6 | .1 | | | | | | | | 1.9 | 5.8 |
| NNW | .6 | .6 | .1 | .3 | | | | | | | | 1.5 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.0 | |
| | 17.8 | 36.6 | 22.3 | 8.1 | 1.1 | .4 | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 718

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 3.5 | 4.7 | 4.0 | .8 | | | | | | | | 13.1 | 5.8 |
| NNE | 1.4 | 4.0 | .7 | .1 | | | | | | | | 6.3 | 5.0 |
| NE | 1.5 | 3.5 | .7 | .4 | | | | | | | | 6.1 | 5.2 |
| ENE | 1.4 | 2.9 | 1.1 | .1 | .1 | | | | | | | 5.7 | 5.4 |
| E | .3 | 1.9 | 1.5 | .3 | | | | | | | | 4.0 | 6.4 |
| ESE | 1.1 | 2.9 | 1.0 | .3 | | | | | | | | 5.2 | 5.5 |
| SE | 1.7 | 3.6 | 1.1 | | | | | | | | | 6.4 | 4.6 |
| SSE | .8 | 1.9 | 1.8 | 1.1 | | | | | | | | 5.7 | 6.8 |
| S | .7 | 2.5 | 2.3 | .6 | | | | | | | | 6.5 | 6.6 |
| SSW | 1.0 | 1.1 | 1.1 | .1 | | | | | | | | 3.3 | 5.6 |
| SW | .7 | 1.4 | .6 | .4 | | | | | | | | 3.1 | 6.0 |
| WSW | .7 | .7 | .8 | 1.1 | .7 | | | | | | | 4.0 | 10.0 |
| W | .1 | .8 | .8 | 1.5 | | .3 | | | | | | 3.6 | 10.8 |
| WNW | 1.3 | .8 | 1.0 | .6 | .4 | | | | | | | 4.0 | 7.6 |
| NW | .8 | 1.3 | .6 | .1 | | | | | | | | 2.8 | 5.1 |
| NNW | .7 | 1.0 | .3 | | | | | | | | | 1.9 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.1 | |
| | 17.7 | 35.1 | 19.9 | 7.7 | 1.3 | .3 | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 718

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 2.5 | 2.4 | 1.2 | .1 | | | | | | | 7.6 | 7.3 |
| NNE | 1.4 | 2.1 | 1.1 | | .1 | | | | | | | 4.7 | 5.5 |
| NE | .8 | 1.8 | 1.1 | .1 | | | | | | | | 3.9 | 5.5 |
| ENE | .8 | 2.4 | 1.9 | .1 | | | | | | | | 5.3 | 6.2 |
| E | 2.1 | 2.8 | 2.1 | .1 | | | | | | | | 7.1 | 5.5 |
| ESE | 1.0 | 3.2 | 1.8 | .6 | | | | | | | | 6.5 | 6.1 |
| SE | .6 | 3.5 | 4.9 | .7 | | | | | | | | 9.6 | 7.0 |
| SSE | .6 | 2.2 | 2.5 | .6 | | | | | | | | 5.8 | 6.7 |
| S | 1.0 | 3.6 | 3.2 | .8 | | | | | | | | 8.6 | 6.8 |
| SSW | .8 | 1.5 | 1.5 | .3 | | | | | | | | 4.2 | 6.1 |
| SW | .8 | 1.1 | .6 | .1 | | | | | | | | 2.6 | 5.5 |
| WSW | .4 | .6 | 1.8 | 1.8 | .6 | .1 | | | | | | 5.3 | 10.8 |
| W | .3 | 1.0 | 1.2 | 3.6 | 1.2 | .1 | | | | | | 7.5 | 12.4 |
| WNW | .8 | .8 | 1.7 | 1.4 | .4 | .3 | | | | | | 5.4 | 10.1 |
| NW | .6 | 1.0 | .6 | .6 | .1 | | | | | | | 2.8 | 7.4 |
| NNW | .6 | .8 | .3 | .3 | | | | | | | | 1.9 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.1 | |
| | 13.9 | 30.9 | 28.6 | 12.4 | 2.6 | .6 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 720

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)

| 23044 | BIGGS AAF TX (EL PASO) | 73-80 | MAY |
|---|---|---|---|
| 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 | 1.3 | 2.4 | 2.2 | .8 | .1 | .0 | | | | | | 6.4 | 7.1 |
| NNE | .8 | 2.0 | 1.0 | .4 | .0 | | | | | | | 4.2 | 6.1 |
| NE | .7 | 1.9 | .9 | .2 | .0 | .0 | | | | | | 3.8 | 6.1 |
| ENE | .7 | 1.3 | .7 | .4 | .1 | .0 | | | | | | 3.2 | 6.9 |
| E | .5 | 1.5 | 1.2 | 1.0 | .2 | .0 | | | | | | 4.4 | 8.2 |
| ESE | .7 | 1.6 | 1.3 | 1.0 | .1 | | .0 | | | | | 4.7 | 7.6 |
| SE | .5 | 1.9 | 1.9 | .8 | .0 | | | | | | | 5.2 | 7.3 |
| SSE | .3 | 1.5 | 1.9 | .4 | .1 | .0 | | | | | | 4.3 | 7.5 |
| S | .7 | 2.8 | 3.0 | .8 | .1 | | | | | | | 7.3 | 7.2 |
| SSW | .4 | 1.5 | 1.7 | 1.1 | .2 | .0 | | | | | | 4.9 | 8.6 |
| SW | .4 | 1.9 | 2.7 | 2.4 | .5 | .1 | | | | | | 8.0 | 9.6 |
| WSW | .4 | 1.1 | 3.0 | 4.3 | 1.3 | .3 | .0 | | | | | 10.3 | 11.7 |
| W | .3 | 1.5 | 4.2 | 6.6 | 2.0 | .3 | .0 | | | | | 14.9 | 12.0 |
| WNW | .2 | .9 | 2.6 | 2.4 | .6 | .2 | | | | | | 6.9 | 11.0 |
| NW | .4 | .9 | 1.4 | .6 | .2 | .1 | | | | | | 3.6 | 8.7 |
| NNW | .3 | 1.1 | .7 | .2 | | .0 | | | | | | 2.3 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.8 | |
| | 8.1 | 25.7 | 30.2 | 23.4 | 5.6 | 1.2 | .1 | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS 5948

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 3.8 | 2.6 | 1.1 | | | | | | | | 8.8 | 6.7 |
| NNE | .5 | 1.2 | 1.1 | .3 | | | | | | | | 3.1 | 6.2 |
| NE | .5 | 2.0 | .7 | .3 | | .1 | | | | | | 3.6 | 6.5 |
| ENE | 1.2 | 1.2 | .7 | .9 | .1 | | | | | | | 4.2 | 6.9 |
| E | .4 | 2.0 | 1.9 | 1.8 | .5 | .1 | | | | | | 6.7 | 9.3 |
| ESE | .3 | 2.2 | 1.5 | 1.1 | | | | | | | | 5.0 | 7.2 |
| SE | .8 | 1.9 | 1.9 | .4 | | | | | | | | 5.0 | 6.9 |
| SSE | .3 | 1.9 | 2.3 | .1 | | | | | | | | 4.6 | 6.9 |
| S | .7 | 1.9 | 1.9 | 1.1 | | | | | | | | 5.5 | 7.2 |
| SSW | .4 | 1.2 | 1.2 | .5 | | .1 | | | | | | 3.5 | 7.8 |
| SW | .4 | 1.8 | .8 | .9 | | .1 | | | | | | 4.0 | 7.9 |
| WSW | .1 | .9 | 1.2 | 5.0 | .3 | .4 | | | | | | 8.0 | 12.2 |
| W | .1 | 1.3 | 3.1 | 8.1 | 2.4 | .3 | | | | | | 15.4 | 12.8 |
| WNW | | .5 | 3.2 | 2.8 | 1.3 | .7 | | | | | | 8.6 | 13.1 |
| NW | .4 | 1.3 | 1.6 | .7 | .3 | | | | | | | 4.3 | 8.3 |
| NNW | .3 | 1.6 | 2.0 | .3 | | | | | | | | 4.2 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.5 | |
| | 7.8 | 26.8 | 27.6 | 25.3 | 5.0 | 1.9 | | | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 1.3 | .8 | 1.1 | .1 | | | | | | | 5.0 | 7.2 |
| NNE | .5 | 1.3 | .4 | .7 | | | | | | | | 3.0 | 6.5 |
| NE | .4 | 2.3 | .4 | .5 | .3 | .1 | | | | | | 4.0 | 7.4 |
| ENE | .4 | 1.2 | .7 | .8 | .5 | .1 | | | | | | 3.8 | 9.8 |
| E | .1 | .8 | .9 | 1.5 | .7 | | | | | | | 4.0 | 10.9 |
| ESE | .1 | 1.2 | 1.3 | 1.5 | | | .1 | | | | | 4.3 | 9.4 |
| SE | .5 | .8 | 1.5 | 1.2 | .1 | | | | | | | 4.2 | 8.6 |
| SSE | | .4 | 2.0 | .5 | .4 | .1 | | | | | | 3.5 | 10.5 |
| S | .5 | 1.5 | 1.3 | 1.3 | .1 | | | | | | | 4.8 | 8.2 |
| SSW | .3 | .9 | .8 | 1.1 | .4 | | | | | | | 3.5 | 9.3 |
| SW | .3 | 2.3 | 2.2 | 1.7 | .7 | | | | | | | 7.1 | 9.3 |
| WSW | .7 | 2.6 | 3.9 | 4.8 | .9 | .8 | | | | | | 13.7 | 10.9 |
| W | .3 | 3.1 | 4.7 | 8.9 | 2.6 | .4 | | | | | | 19.9 | 12.0 |
| WNW | .3 | .9 | 3.8 | 3.0 | 1.2 | .5 | | | | | | 9.7 | 11.5 |
| NW | .4 | .5 | 2.7 | .3 | .3 | | | | | | | 4.2 | 8.9 |
| NNW | .1 | 1.2 | .5 | .3 | | | | | | | | 2.2 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 6.6 | 22.4 | 28.0 | 29.2 | 8.3 | 2.2 | .1 | | | | | 100.0 | 9.7 |

TOTAL NUMBER OF OBSERVATIONS 744

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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | | .8 | .5 | .9 | .3 | .1 | | | | | | 2.7 | 10.8 |
| NNE | .4 | .8 | .3 | | | | | | | | | 1.5 | 5.2 |
| NE | .1 | .3 | .3 | .3 | | | | | | | | .9 | 7.6 |
| ENE | .1 | .1 | .1 | .3 | .3 | | | | | | | .9 | 12.0 |
| E | .1 | .8 | .9 | 1.7 | .4 | | | | | | | 4.0 | 10.7 |
| ESE | .3 | .5 | .4 | 1.3 | .5 | | | | | | | 3.1 | 11.3 |
| SE | | 1.3 | 2.0 | 1.6 | .1 | | | | | | | 5.1 | 9.3 |
| SSE | .3 | .5 | 1.9 | .9 | .4 | .1 | | | | | | 4.2 | 9.9 |
| S | .4 | 1.5 | 3.2 | .5 | .3 | | | | | | | 5.9 | 8.3 |
| SSW | .1 | .9 | 2.3 | 2.2 | .5 | | | | | | | 6.0 | 10.5 |
| SW | .3 | 1.9 | 4.2 | 6.2 | .9 | | | | | | | 13.4 | 10.9 |
| WSW | .1 | 1.3 | 5.1 | 6.2 | 2.7 | .5 | .1 | | | | | 16.1 | 12.4 |
| W | .5 | 1.7 | 5.6 | 9.5 | 4.6 | .5 | | | | | | 22.6 | 12.6 |
| WNW | .1 | .9 | 2.4 | 2.6 | .5 | | | | | | | 6.6 | 10.5 |
| NW | .1 | .7 | 1.2 | .9 | .1 | .1 | | | | | | 3.2 | 10.3 |
| NNW | .1 | .5 | .9 | .5 | | | | | | | | 2.2 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 3.2 | 14.8 | 31.5 | 35.8 | 11.7 | 1.5 | .1 | | | | | 100.0 | 10.9 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | .9 | .1 | | | | | | | | 2.0 | 7.5 |
| NNE | .3 | .5 | .4 | | | | | | | | | 1.2 | 5.8 |
| NE | .1 | 1.2 | .3 | .3 | | | | | | | | 1.9 | 6.1 |
| ENE | | .8 | .5 | .1 | .1 | | | | | | | 1.6 | 8.3 |
| E | 1 | .5 | 1.2 | .9 | .1 | | | | | | | 3.0 | 9.7 |
| ESE | .3 | .9 | 2.2 | 1.6 | .1 | | | | | | | 5.1 | 9.3 |
| SE | .3 | 1.9 | 3.4 | 1.5 | | | | | | | | 7.0 | 8.2 |
| SSE | | 1.3 | 1.7 | .8 | | | | | | | | 3.9 | 7.9 |
| S | .4 | 3.6 | 4.2 | 1.2 | .3 | | | | | | | 9.7 | 7.8 |
| SSW | .1 | 2.0 | 1.5 | 3.1 | .4 | | | | | | | 7.1 | 9.8 |
| SW | .3 | 1.9 | 4.2 | 4.7 | 1.7 | .4 | | | | | | 13.2 | 11.4 |
| WSW | .4 | 1.2 | 4.6 | 7.1 | 2.6 | .3 | | | | | | 16.2 | 12.2 |
| W | | 1.5 | 6.1 | 7.5 | 2.2 | .4 | | | | | | 17.6 | 11.7 |
| WNW | .1 | .9 | 1.7 | 1.5 | .5 | .1 | | | | | | 5.0 | 11.0 |
| NW | .1 | .5 | .9 | 1.1 | .1 | | | | | | | 2.8 | 9.8 |
| NNW | | .8 | .4 | .1 | | | | | | | | 1.3 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 2.6 | 20.7 | 34.2 | 31.8 | 8.2 | 1.2 | | | | | | 100.0 | 10.0 |

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 1.3 | 2.7 | .4 | | | | | | | | 5.0 | 7.3 |
| NNE | .7 | 1.5 | 1.9 | .8 | | | | | | | | 4.8 | 6.9 |
| NE | .4 | 1.5 | .5 | .1 | | | | | | | | 2.6 | 5.7 |
| ENE | .5 | .7 | 1.1 | .4 | | | | | | | | 2.7 | 6.8 |
| E | .3 | 1.5 | .8 | 1.1 | .1 | | | | | | | 3.8 | 8.4 |
| ESE | .5 | 1.5 | 2.6 | 2.2 | | | | | | | | 6.7 | 8.6 |
| SE | .3 | 1.9 | 2.8 | 1.2 | | | | | | | | 6.2 | 7.9 |
| SSE | .1 | 1.9 | 1.9 | .3 | .1 | | | | | | | 4.3 | 7.1 |
| S | .8 | 4.6 | 4.3 | 1.1 | | | | | | | | 10.8 | 7.0 |
| SSW | .9 | 1.3 | 1.7 | .5 | .1 | | | | | | | 4.7 | 7.5 |
| SW | .1 | 2.7 | 5.0 | 2.4 | .4 | .1 | | | | | | 10.8 | 9.3 |
| WSW | .3 | .5 | 3.1 | 4.8 | 1.3 | .1 | | | | | | 10.2 | 12.1 |
| W | .5 | 1.5 | 5.1 | 7.5 | .4 | | | | | | | 14.8 | 11.0 |
| WNW | .3 | 1.1 | 2.2 | 2.6 | .1 | | | | | | | 6.2 | 9.5 |
| NW | .1 | 1.3 | .5 | .3 | | | | | | | | 2.3 | 6.2 |
| NNW | .1 | .7 | .3 | .1 | | .1 | | | | | | 1.3 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.0 | |
| | 6.3 | 25.4 | 36.4 | 25.8 | 2.7 | .4 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) FIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) MAY (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 | 1.1 | 4.3 | 3.6 | 1.3 | | | | | | | | 10.3 | 7.0 |
| NNE | 1.5 | 4.. | 1.5 | .7 | | | | | | | | 7.8 | 6.0 |
| NE | 1.9 | 2.8 | 2.0 | | | | | | | | | 6.7 | 5.5 |
| ENE | 1.1 | 1.2 | .3 | .4 | | | | | | | | 3.0 | 5.5 |
| E | .9 | 2.2 | 2.0 | .5 | | | | | | | | 5.6 | 6.5 |
| ESE | 1.6 | 2.4 | .9 | .3 | | | | | | | | 5.2 | 5.3 |
| SE | .9 | 3.1 | 2.0 | | | | | | | | | 6.0 | 5.6 |
| SSE | .1 | 2.4 | 1.2 | .3 | | | | | | | | 4.0 | 6.5 |
| S | 1.2 | 3.2 | 4.3 | | | | | | | | | 8.7 | 6.2 |
| SSW | .3 | 1.5 | 2.3 | .9 | | | | | | | | 5.0 | 8.2 |
| SW | .3 | 1.7 | 2.2 | .9 | | | | | | | | 5.1 | 8.1 |
| WSW | .3 | .8 | 1.7 | 1.6 | .4 | | | | | | | 4.8 | 10.0 |
| W | .1 | .7 | 4.3 | 2.8 | .5 | | | | | | | 8.5 | 10.4 |
| WNW | .1 | .7 | 1.6 | 1.9 | .3 | | | | | | | 4.6 | 10.0 |
| NW | .5 | .1 | .9 | .3 | .3 | | | | | | | 2.2 | 8.9 |
| NNW | .7 | .8 | | | | | | | | | | 1.5 | 3.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.9 | |
| | 12.6 | 32.1 | 30.9 | 12.0 | 1.5 | | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (CL-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)

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 4.4 | 2.7 | .8 | | | | | | | | 9.9 | 6.1 |
| NNE | 1.5 | 4.4 | 1.6 | .3 | | | | | | | | 7.8 | 5.3 |
| NE | .8 | 3.1 | 1.7 | .3 | | | | | | | | 5.9 | 5.9 |
| ENE | 1.2 | 2.0 | .9 | .4 | | | | | | | | 4.6 | 5.6 |
| E | 2.0 | 3.0 | .9 | .1 | | | | | | | | 6.0 | 4.7 |
| ESE | 1.2 | 2.0 | .9 | | | | | | | | | 4.2 | 4.9 |
| SE | .9 | 2.6 | 1.1 | | | | | | | | | 4.6 | 5.1 |
| SSE | .4 | 1.3 | 1.7 | .1 | | | | | | | | 3.6 | 6.5 |
| S | .7 | 2.4 | 2.2 | .1 | .1 | | | | | | | 5.5 | 6.5 |
| SSW | .4 | 1.3 | 1.7 | | | | | | | | | 3.5 | 6.4 |
| SW | 1.2 | 1.5 | 1.2 | 1.3 | | | | | | | | 5.2 | 7.1 |
| WSW | .7 | .7 | 1.9 | 1.1 | .7 | .1 | | | | | | 5.1 | 10.1 |
| W | .7 | .8 | 2.2 | 3.4 | .9 | .4 | | | | | | 8.3 | 11.3 |
| WNW | .5 | 1.2 | 2.7 | 1.6 | .4 | .1 | | | | | | 6. | 9.7 |
| NW | .4 | .9 | 2.2 | .5 | .3 | .3 | | | | | | 4. | 9.4 |
| NNW | .4 | 1.6 | .7 | .1 | | | | | | | | 2.. | .6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.7 | |
| | 15.1 | 33.3 | 26.3 | 10.2 | 2.4 | .9 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) HIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 1.1 | 2.4 | 3.5 | .8 | | | | | | | | 7.8 | 7.1 |
| NNE | .7 | 1.7 | .6 | .7 | .1 | | | | | | | 4.0 | 7.2 |
| NE | 1.1 | 2.3 | 1.1 | .1 | | | | | | | | 4.6 | 5.4 |
| ENE | .8 | 2.8 | 1.1 | | | | | | | | | 4.7 | 5.3 |
| E | .1 | 1.1 | .8 | .3 | | | | | | | | 2.3 | 6.8 |
| ESE | .9 | 2.3 | .4 | .3 | | | | | | | | 3.9 | 5.0 |
| SE | .4 | 2.0 | .7 | .1 | | | | | | | | 3.2 | 5.8 |
| SSE | 1.2 | 2.4 | 2.2 | .3 | | | | | | | | 6.1 | 5.9 |
| S | .9 | 3.4 | 2.7 | .8 | | | | | | | | 7.8 | 6.7 |
| SSW | .3 | 2.4 | 2.2 | .5 | .1 | | | | | | | 5.5 | 7.3 |
| SW | .4 | 1.5 | 2.2 | 1.2 | | | | | | | | 5.2 | 7.9 |
| WSW | .4 | .8 | 2.2 | 3.4 | 1.2 | .1 | | | | | | 8.1 | 12.0 |
| W | .5 | 1.3 | 2.2 | 5.0 | 2.6 | .7 | .1 | | | | | 12.4 | 12.9 |
| WNW | .4 | .5 | 2.8 | 3.0 | .5 | .4 | | | | | | 7.7 | 11.2 |
| NW | .9 | 1.3 | 1.5 | .8 | .4 | | | | | | | 5.0 | 7.8 |
| NNW | .4 | 1.2 | .9 | | | | | | | | | 2.6 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .2 | |
| | 10.6 | 29.6 | 27.1 | 17.2 | 5.0 | 1.2 | .1 | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 743

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)

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (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 | .9 | 2.8 | 2.1 | .8 | | | | | | | | 6.6 | 6.6 |
| NNE | .9 | 2.8 | 1.1 | .4 | .0 | .0 | | | | | | 5.3 | 5.9 |
| NE | .7 | 2.0 | .9 | .3 | .1 | | | | | | | 4.0 | 6.3 |
| ENE | .4 | 1.3 | .5 | .2 | .1 | .0 | | | | | | 2.6 | 6.5 |
| E | .7 | 1.5 | 1.3 | .7 | .1 | | | | | | | 4.3 | 7.5 |
| ESE | .5 | 1.1 | 1.0 | .5 | .1 | | | | | | | 3.1 | 7.4 |
| SE | .5 | 2.2 | 1.8 | .5 | .0 | | | | | | | 5.0 | 6.8 |
| SSE | .5 | 1.6 | 1.4 | .5 | .1 | | | | | | | 4.0 | 7.0 |
| S | .7 | 2.8 | 3.1 | .5 | .1 | | | | | | | 7.2 | 6.8 |
| SSW | .4 | 2.1 | 2.3 | 1.1 | .2 | .2 | .0 | | | | | 6.4 | 8.5 |
| SW | .4 | 1.8 | 2.9 | 2.3 | .6 | .0 | | | | | | 8.0 | 9.6 |
| WSW | .2 | 1.3 | 1.9 | 3.8 | 1.1 | .6 | .1 | | | | | 9.0 | 12.5 |
| W | .3 | .0 | 3.2 | 5.4 | 2.1 | 1.0 | .2 | .0 | | | | 13.2 | 13.5 |
| WNW | .2 | .9 | 2.0 | 3.2 | 1.5 | .6 | .1 | .0 | | | | 8.6 | 13.0 |
| NW | .3 | .9 | 1.3 | 1.1 | .4 | .3 | .0 | | | | | 4.2 | 10.7 |
| NNW | .2 | .6 | .8 | .6 | .1 | .0 | | | | | | 2.3 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.3 | |
| | 7.7 | 26.8 | 27.6 | 21.9 | 6.4 | 2.7 | .4 | .1 | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS 5757

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) — BIGGS AAF TX (EL PASO) (STATION NAME) — 73-80 (YEARS) — APR (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 | 4.1 | 1.7 | 1.9 | | | | | | | | 8.7 | 7.0 |
| NNE | .8 | 2.4 | 1.1 | .4 | .1 | .1 | | | | | | 5.0 | 6.9 |
| NE | .4 | 2.6 | 1.0 | | .1 | | | | | | | 4.2 | 5.8 |
| ENE | .1 | 2.2 | .6 | | .1 | | | | | | | 3.1 | 6.1 |
| E | .7 | 2.4 | 2.2 | 1.1 | .1 | | | | | | | 6.5 | 7.6 |
| ESE | .4 | 1.0 | 1.8 | 1.0 | | | | | | | | 4.2 | 8.0 |
| SE | .7 | 2.8 | 1.2 | .3 | | | | | | | | 5.0 | 6.1 |
| SSE | .1 | 1.8 | .8 | .3 | .1 | | | | | | | 3.2 | 7.2 |
| S | .7 | 1.2 | 1.8 | .3 | | | | | | | | 4.0 | 6.7 |
| SSW | .1 | 1.4 | .7 | .3 | .1 | | | | | | | 2.6 | 7.5 |
| SW | .1 | 2.2 | 1.2 | 2.5 | .4 | | | | | | | 6.5 | 9.4 |
| WSW | .4 | 1.2 | 1.5 | 2.2 | .8 | .3 | .1 | | | | | 6.7 | 11.5 |
| W | .3 | 1.1 | 1.8 | 6.4 | 2.2 | .3 | | | | | | 12.1 | 13.1 |
| WNW | .3 | 1.2 | 2.1 | 3.6 | 2.6 | .6 | | | | | | 10.4 | 13.0 |
| NW | .4 | .8 | 2.6 | 2.4 | .8 | 1.1 | .1 | | | | | 8.3 | 12.7 |
| NNW | .6 | 1.1 | 1.7 | .3 | .1 | | | | | | | 3.7 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.1 | |
| | 7.4 | 29.6 | 23.9 | 22.9 | 7.9 | 2.4 | .3 | | | | | 100.0 | 8.9 |

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | .3 | 1.9 | .8 | .4 | | | | | | | | 3.5 | 6.4 |
| NNE | .4 | 2.4 | .6 | 1.0 | .1 | | | | | | | 4.5 | 7.2 |
| NE | .7 | 1.3 | .7 | .6 | | | | | | | | 3.2 | 6.7 |
| ENE | .1 | 1.7 | .1 | .3 | .1 | | | | | | | 2.4 | 6.8 |
| E | | 1.1 | 1.7 | 1.3 | .1 | | | | | | | 4.2 | 9.7 |
| ESE | | 1.3 | 2.2 | 1.0 | .1 | | | | | | | 4.7 | 8.6 |
| SE | .1 | 1.7 | 1.5 | .4 | | | | | | | | 3.8 | 7.1 |
| SSE | .1 | .8 | 1.1 | .7 | .1 | | | | | | | 2.9 | 8.7 |
| S | | 1.4 | 1.7 | .3 | | | | | | | | 3.3 | 7.1 |
| SSW | .1 | 1.5 | 1.4 | .4 | .6 | .4 | .1 | | | | | 4.6 | 10.8 |
| SW | .4 | 2.6 | 1.5 | 1.0 | .3 | .1 | | | | | | 6.0 | 8.1 |
| WSW | .4 | 2.2 | 2.2 | 5.3 | 1.3 | 1.3 | | | | | | 12.7 | 12.4 |
| W | .3 | 1.3 | 3.6 | 8.9 | 2.2 | 1.1 | .1 | | | | | 17.5 | 13.4 |
| WNW | .4 | 1.5 | 3.3 | 4.3 | 1.9 | .6 | .1 | | | | | 12.2 | 12.4 |
| NW | .1 | 1.3 | 1.3 | 1.3 | 1.0 | .4 | | | | | | 5.3 | 11.8 |
| NNW | | .8 | .7 | .8 | .3 | | | | | | | 2.6 | 10.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.7 | |
| | 3.8 | 24.8 | 24.5 | 27.8 | 8.2 | 3.9 | .4 | | | | | 100.0 | 9.8 |

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF IX (EL PASO) (STATION NAME) 73-80 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .4 | .8 | .3 | | | | | | | | 1.7 | 7.6 |
| NNE | | .4 | .3 | | | | | | | | | .7 | 6.2 |
| NE | .1 | .1 | .3 | .1 | | | | | | | | .7 | 7.4 |
| ENE | | .4 | .7 | .1 | .3 | | | | | | | 1.5 | 9.4 |
| E | .4 | .8 | 1.0 | 1.4 | | | | | | | | 3.6 | 9.3 |
| ESE | .1 | .7 | .1 | .8 | .1 | | | | | | | 1.9 | 10.2 |
| SE | .3 | 1.0 | 1.9 | 1.0 | | | | | | | | 4.2 | 8.5 |
| SSE | .3 | 1.0 | .8 | 1.1 | .1 | | | | | | | 3.3 | 8.9 |
| S | .3 | 2.1 | 3.7 | .8 | | | | | | | | 6.9 | 7.8 |
| SSW | .4 | 1.8 | 3.5 | 2.8 | .6 | .6 | | | | | | 9.6 | 10.3 |
| SW | .1 | 2.1 | 4.7 | 3.5 | 1.1 | | | | | | | 11.5 | 10.5 |
| WSW | | 1.8 | 3.7 | 5.8 | 2.2 | 2.1 | .3 | | | | | 16.0 | 13.6 |
| W | .3 | .7 | 3.7 | 8.6 | 5.0 | 2.8 | .3 | .1 | | | | 21.5 | 15.2 |
| WNW | | 1.5 | 2.4 | 2.4 | 2.2 | 1.1 | .3 | | | | | 9.9 | 13.8 |
| NW | | .7 | .7 | .6 | .6 | | .1 | | | | | 2.7 | 11.4 |
| NNW | | .4 | .6 | .7 | | .1 | | | | | | 1.8 | 10.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.3 | |
| | 2.5 | 16.0 | 29.0 | 30.0 | 12.2 | 6.7 | 1.0 | .1 | | | | 100.0 | 11.6 |

TOTAL NUMBER OF OBSERVATIONS 720

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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | .4 | 1.2 | .4 | | | | | | | | | 2.1 | 5.7 |
| NNE | .1 | 1.2 | .3 | .1 | | | | | | | | 1.5 | 6.2 |
| NE | .3 | 1.1 | 1.0 | .6 | .4 | | | | | | | 3.3 | 8.9 |
| ENE | | .1 | .3 | .3 | .1 | | | | | | | .8 | 10.8 |
| E | .1 | .7 | 1.0 | .8 | .3 | | | | | | | 2.9 | 9.6 |
| ESE | .1 | .3 | 1.2 | .6 | .1 | | | | | | | 2.4 | 9.2 |
| SE | .3 | 1.7 | 3.1 | 1.2 | .1 | | | | | | | 6.4 | 8.5 |
| SSE | .3 | 1.[illegible] | 2.1 | .6 | | | | | | | | 3.9 | 7.9 |
| S | .3 | 3.1 | 4.3 | 1.1 | .3 | | | | | | | 9.0 | 7.8 |
| SSW | .4 | 2.1 | 3.5 | 2.9 | .1 | .1 | | | | | | 9.2 | 9.4 |
| SW | .3 | 2.1 | 4.7 | 5.8 | 1.8 | | | | | | | 14.7 | 11.0 |
| WSW | | 1.4 | 2.4 | 6.8 | 1.8 | .6 | .1 | | | | | 13.1 | 13.1 |
| W | .1 | 1.2 | 5.0 | 6.7 | 3.1 | 1.7 | 1.1 | .1 | | | | 19.0 | 14.5 |
| WNW | | .4 | 2.2 | 2.9 | .7 | .4 | | .1 | | | | 6.8 | 13.1 |
| NW | | 1.1 | 1.0 | .4 | .3 | | | | | | | 2.8 | 8.4 |
| NNW | | .1 | .7 | .1 | | | | | | | | 1.0 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 2.8 | 18.8 | 33.1 | 31.0 | 9.2 | 2.8 | 1.2 | .3 | | | | 100.0 | 10.8 |

TOTAL NUMBER OF OBSERVATIONS 720

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)

23044 (STATION) FIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) APR (MONTH)

ALL THER (CONDITION) 0900-1100 (HOURS (L.S.T.))

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 1.8 | 2.4 | .1 | | | | | | | | 4.6 | 6.8 |
| NNE | 1.5 | 1.7 | 1.7 | 1.0 | | | | | | | | 5.8 | 6.9 |
| NE | .3 | 1.5 | .6 | 1.0 | | | | | | | | 3.3 | 7.4 |
| ENE | .6 | .3 | .3 | .4 | | | | | | | | 1.5 | 7.7 |
| E | .7 | .8 | 1.5 | 1.1 | .3 | | | | | | | 4.5 | 8.5 |
| ESE | .6 | .8 | 1.4 | .7 | | | | | | | | 3.5 | 7.8 |
| SE | .7 | 1.9 | 3.2 | .8 | | | | | | | | 6.7 | 7.4 |
| SSE | .3 | 1.7 | 1.5 | .6 | | | | | | | | 4.0 | 7.2 |
| S | .8 | 3.8 | 5.3 | .8 | .1 | | | | | | | 10.8 | 7.1 |
| SSW | .7 | 2.8 | 3.3 | 2.1 | .3 | .1 | | | | | | 9.3 | 8.5 |
| SW | .3 | 2.2 | 5.1 | 2.4 | .4 | | | | | | | 10.4 | 9.3 |
| WSW | .4 | .7 | 1.1 | 4.7 | .8 | .6 | | | | | | 8.3 | 13.0 |
| W | .3 | 1.1 | 3.6 | 4.9 | 2.4 | 1.4 | .3 | | | | | 13.9 | 13.8 |
| WNW | .1 | .1 | 1.0 | 3.2 | .1 | | | | | | | 4.6 | 12.1 |
| NW | .4 | .7 | 1.1 | 1.3 | | | | | | | | 3.5 | 8.8 |
| NNW | .1 | .3 | .1 | .8 | | | | | | | | 1.4 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.8 | |
| | 8.1 | 22.3 | 33.2 | 25.9 | 4.5 | 2.1 | .3 | | | | | 100.0 | 9.1 |

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) | WIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (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 | 1.7 | 5.8 | 4.6 | 1.0 | | | | | | | | 13.1 | 6.4 |
| NNE | 1.5 | 5.0 | 2.5 | .3 | | | | | | | | 9.3 | 5.6 |
| NE | 1.9 | 2.9 | 1.5 | | .1 | | | | | | | 6.5 | 5.3 |
| ENE | 1.2 | 1.7 | 1.5 | .3 | | | | | | | | 4.7 | 5.8 |
| E | 1.5 | 1.7 | 1.0 | | | | | | | | | 4.2 | 4.8 |
| ESE | .7 | 1.4 | .4 | | | | | | | | | 2.5 | 4.8 |
| SE | .7 | 2.4 | 1.0 | .1 | | | | | | | | 4.2 | 5.5 |
| SSE | .4 | 2.8 | 2.6 | .1 | | | | | | | | 6.0 | 6.4 |
| S | 1.4 | 5.3 | 4.2 | .1 | | | | | | | | 11.0 | 6.0 |
| SSW | .4 | 2.6 | 2.9 | | .1 | | | | | | | 6.1 | 7.0 |
| SW | | .6 | 1.7 | .3 | .1 | | | | | | | 2.6 | 9.2 |
| WSW | | .6 | .7 | 1.4 | .6 | | | | | | | 3.2 | 11.7 |
| W | | 1.0 | 2.6 | 2.5 | .3 | .3 | | | | | | 6.7 | 11.1 |
| WNW | .3 | .8 | 2.1 | 1.8 | 1.1 | .7 | | | | | | 6.8 | 12.5 |
| NW | .4 | .8 | .8 | .4 | | | | | | | | 2.5 | 7.2 |
| NNW | | 1.2 | | .3 | | | | | | | | 1.5 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.2 | |
| | 12.2 | 36.5 | 30.1 | 8.6 | 2.4 | 1.0 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 3.9 | 3.6 | .6 | | | | | | | | 9.9 | 6.1 |
| NNE | 2.2 | 6.7 | 1.5 | | | | | | | | | 10.4 | 4.9 |
| NE | .7 | 4.0 | 1.7 | | .1 | | | | | | | 6.5 | 5.5 |
| ENE | .7 | 2.1 | .3 | | | .1 | | | | | | 3.2 | 5.6 |
| E | 1.4 | 2.1 | .7 | | .1 | | | | | | | 4.3 | 5.1 |
| ESE | 1.2 | 1.4 | | .1 | | | | | | | | 2.8 | 4.4 |
| SE | .8 | 3.3 | 1.1 | | | | | | | | | 5.3 | 5.1 |
| SSE | .8 | 1.8 | .8 | | | | | | | | | 3.5 | 5.1 |
| S | 1.0 | 3.1 | 2.2 | .3 | | | | | | | | 6.5 | 6.0 |
| SSW | .6 | 1.9 | 2.1 | .4 | | | | | | | | 5.0 | 6.9 |
| SW | 1.4 | 1.4 | 2.2 | .8 | | | | | | | | 5.8 | 7.2 |
| WSW | .3 | 1.5 | 1.5 | 1.4 | .3 | .1 | | | | | | 5.1 | 9.3 |
| W | 1.0 | .6 | 1.8 | 1.8 | .7 | .1 | | | | | | 6.0 | 10.2 |
| WNW | .6 | .4 | 1.8 | 2.8 | 1.5 | .6 | .1 | .1 | | | | 7.9 | 13.6 |
| NW | .1 | .8 | .8 | 1.0 | .3 | .1 | | | | | | 3.2 | 10.5 |
| NNW | .6 | .3 | 1.5 | .4 | | | | | | | | 2.8 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.8 | |
| | 15.1 | 35.3 | 23.7 | 9.6 | 3.1 | 1.1 | .1 | .1 | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 720

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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 3.6 | 2.6 | 1.8 | | | | | | | | 9.2 | 7.0 |
| NNE | .8 | 3.2 | 1.0 | .1 | | | | | | | | 5.1 | 5.2 |
| NE | .8 | 2.1 | .6 | .4 | | | | | | | | 3.9 | 5.7 |
| ENE | .6 | 2.2 | .3 | .1 | | | | | | | | 3.2 | 5.4 |
| E | .4 | 2.5 | 1.5 | | | | | | | | | 4.5 | 6.2 |
| ESE | .3 | 1.9 | .6 | .1 | | | | | | | | 2.9 | 5.6 |
| SE | .7 | 2.5 | 1.1 | | | | | | | | | 4.3 | 5.3 |
| SSE | 1.5 | 1.8 | 1.3 | .4 | | | | | | | | 5.0 | 5.8 |
| S | 1.0 | 2.8 | 1.9 | .3 | | | | | | | | 6.0 | 5.9 |
| SSW | .6 | 2.8 | 1.4 | .1 | | | | | | | | 4.9 | 5.6 |
| SW | .3 | 1.4 | 2.1 | 2.5 | .3 | | | | | | | 6.5 | 9.5 |
| WSW | .3 | 1.1 | 1.7 | 3.1 | .8 | | | | | | | 7.0 | 11.2 |
| W | .1 | 1.4 | 3.1 | 3.3 | .7 | .3 | | | | | | 8.9 | 11.1 |
| WNW | .3 | 1.1 | 1.3 | 4.5 | 1.5 | 1.1 | .1 | | | | | 9.9 | 13.4 |
| NW | .7 | .6 | 1.8 | 1.5 | .1 | .4 | | | | | | 5.1 | 10.2 |
| NNW | .7 | .7 | 1.1 | 1.1 | | | | | | | | 3.6 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.0 | |
| | 10.2 | 31.7 | 23.2 | 19.5 | 3.5 | 1.8 | .1 | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 23044 | BIGGS AAF TX (EL PASO) | 73-80 | MAR |
|---|---|---|---|
| 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 | 1.1 | 2.3 | 2.1 | .8 | .1 | | | | | | | 6.5 | 6.9 |
| NNE | 1.0 | 2.1 | 1.5 | .4 | | | | | | | | 5.0 | 6.2 |
| NE | .9 | 1.9 | .8 | .1 | | | | | | | | 3.7 | 5.3 |
| ENE | .3 | 1.3 | .5 | .2 | | | | | | | | 2.2 | 6.0 |
| E | .6 | 1.4 | .7 | .4 | .0 | | | | | | | 3.1 | 6.3 |
| ESE | .6 | 1.1 | .6 | .3 | .0 | | | | | | | 2.6 | 6.1 |
| SE | .7 | 1.9 | .9 | .1 | .0 | | | | | | | 3.6 | 5.6 |
| SSE | .3 | 1.6 | 1.3 | .2 | | .1 | | | | | | 3.5 | 6.7 |
| S | .7 | 3.4 | 2.7 | .6 | .0 | .0 | .0 | | | | | 7.4 | 6.7 |
| SSW | .5 | 1.7 | 2.1 | .7 | .3 | .2 | .1 | | | | | 5.4 | 8.6 |
| SW | .4 | 1.9 | 3.1 | 2.4 | .9 | .5 | .1 | .0 | | | | 9.2 | 10.6 |
| WSW | .3 | 1.1 | 3.0 | 3.7 | 1.5 | .8 | .2 | | | | | 10.6 | 12.8 |
| W | .4 | 1.0 | .4 | 5.8 | 2.8 | 1.6 | .3 | .1 | | | | 15.3 | 14.1 |
| WNW | .3 | .9 | .2 | 3.1 | 1.4 | .6 | .2 | .0 | | | | 6.7 | 13.2 |
| NW | .3 | .6 | 1.2 | .7 | .4 | .3 | .1 | .1 | | | | 3.8 | 11.6 |
| NNW | .4 | .5 | .8 | .4 | .1 | | | | | | | 2.1 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.3 | |
| | 8.7 | 24.9 | 26.9 | 19.8 | 7.6 | 3.9 | .9 | .2 | | | | 100.0 | 9.1 |

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 1.6 | 1.7 | 2.8 | .1 | .1 | | | | | | | 6.5 | 6.3 |
| NNE | 1.1 | 3.0 | .9 | | | | | | | | | 5.0 | 5.1 |
| NE | 1.9 | 2.8 | 1.1 | | | | | | | | | 5.8 | 4.8 |
| ENE | .3 | 2.3 | .5 | | | | | | | | | 3.1 | 5.3 |
| E | .5 | 2.0 | 1.5 | .1 | | | | | | | | 4.2 | 6.2 |
| ESE | | 1.9 | .4 | .4 | | | | | | | | 2.7 | 6.4 |
| SE | .5 | 1.3 | .7 | | | | | | | | | 2.6 | 5.4 |
| SSE | .4 | 1.5 | .7 | .1 | | | | | | | | 2.7 | 5.7 |
| S | 1.2 | 3.2 | 2.4 | .3 | | | | | | | | 7.1 | 6.0 |
| SSW | .4 | 1.9 | 1.2 | .5 | .1 | .1 | .1 | | | | | 4.4 | 8.4 |
| SW | .4 | 1.6 | 2.3 | 2.2 | .9 | .4 | | | | | | 7.8 | 11.2 |
| WSW | .3 | 1.1 | 2.3 | 3.2 | 2.3 | .4 | | | | | | 9.5 | 12.7 |
| W | .1 | .8 | 2.8 | 4.8 | 2.4 | .8 | | | | | | 11.8 | 13.6 |
| WNW | | .7 | 2.6 | 5.5 | 1.6 | .3 | .3 | | | | | 10.9 | 13.3 |
| NW | .3 | 1.3 | 2.2 | 1.3 | .9 | .4 | .1 | | | | | 6.6 | 11.3 |
| NNW | .7 | .9 | 1.1 | .4 | | | | | | | | 3.1 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.3 | |
| | 9.7 | 28.1 | 25.4 | 19.1 | 8.5 | 2.4 | .5 | | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS 744

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)

23044 (STATION) SIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (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 | 2.4 | 8.3 | 5.2 | 1.3 | | | | | | | | 17.4 | 6.2 |
| NNE | 3.5 | 4.8 | 1.5 | | | | | | | | | 9.8 | 4.8 |
| NE | 3.1 | 6.1 | .4 | | | | | | | | | 9.6 | 4.3 |
| ENE | .9 | 3.1 | .3 | .1 | | | | | | | | 4.4 | 5.0 |
| E | .9 | 3.4 | .8 | | .1 | | | | | | | 5.2 | 5.3 |
| ESE | 1.2 | 3.0 | .3 | .3 | | | | | | | | 4.7 | 5.0 |
| SE | 1.1 | 3.2 | 1.3 | | .1 | | | | | | | 5.8 | 5.6 |
| SSE | .5 | 1.5 | 2.2 | .3 | | | | | | | | 4.4 | 7.0 |
| S | .4 | 2.4 | 3.0 | .1 | | | | | | | | 5.9 | 6.5 |
| SSW | .7 | 1.6 | 1.3 | .1 | | | | | | | | 3.8 | 6.2 |
| SW | .3 | 1.5 | 1.6 | .7 | | | | | | | | 4.0 | 7.3 |
| WSW | | .0 | 1.2 | 1.2 | .1 | | | | | | | 3.5 | 9.0 |
| W | .1 | .4 | .7 | | .1 | .1 | | | | | | 1.5 | 8.8 |
| WNW | .7 | .8 | | | | | | | | | | 1.5 | 4.0 |
| NW | .8 | .7 | .1 | | | | | | | | | 1.6 | 4.3 |
| NNW | .3 | .9 | .3 | .1 | | | | | | | | 1.6 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.2 | |
| | 17.0 | 42.7 | 20.2 | 4.3 | .5 | .1 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 743

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)

23044 (STATION) — BIGGS AAF TX (EL PASO) (STATION NAME) — 73-80 (YEARS) — JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 6.7 | 4.7 | 1.5 | | | | | | | | 16.7 | 6.6 |
| NNE | 2.0 | 7.1 | 1.9 | .3 | | | | | | | | 11.3 | 5.2 |
| NE | 3.2 | 3.6 | 1.1 | .4 | .1 | | | | | | | 8.2 | 5.3 |
| ENE | 1.5 | 2.2 | 1.1 | .4 | | | | | | | | 5.1 | 5.4 |
| E | .9 | 2.7 | 1.2 | | | | | | | | | 4.8 | 5.3 |
| ESE | 1.9 | 2.3 | .7 | .4 | | | | | | | | 5.2 | 5.1 |
| SE | 1.5 | 3.2 | 1.2 | | | | | | | | | 5.9 | 5.2 |
| SSE | .7 | 2.2 | 3.8 | .4 | | | | | | | | 7.0 | 6.8 |
| S | .9 | 4.6 | 4.2 | .4 | | | | | | | | 10.1 | 6.5 |
| SSW | .7 | 1.5 | 1.5 | | | | | | | | | 3.6 | 5.9 |
| SW | .3 | 1.3 | 2.3 | .1 | | | | | | | | 4.0 | 6.9 |
| WSW | .3 | 1.1 | .9 | .5 | | | | | | | | 2.8 | 7.3 |
| W | .1 | .7 | .7 | .1 | | | | | | | | 1.6 | 7.1 |
| WNW | | .1 | .1 | | | | | | | | | .3 | 6.0 |
| NW | .4 | .3 | .4 | | | | | | | | | 1.1 | 5.0 |
| NNW | .5 | .3 | | | | | | | | | | .8 | 3.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.4 | |
| | 16.4 | 39.8 | 27.7 | 4.6 | .1 | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JUL MONTH

ALL WEATHER CLASS | 900-1100 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 | .5 | 2.2 | 1.6 | .3 | | | | | | | | 4.6 | 6.5 |
| NNE | .8 | 2.7 | 2.3 | | | | | | | | | 5.8 | 6.1 |
| NE | .3 | 3.0 | .7 | .4 | | | | | | | | 4.3 | 6.2 |
| ENE | .4 | 1.7 | 1.1 | .5 | | | | | | | | 3.8 | 6.8 |
| E | .4 | 2.7 | 1.9 | .5 | | | | | | | | 5.5 | 6.7 |
| ESE | .7 | 3.5 | 3.8 | 1.2 | | .1 | | | | | | 9.3 | 7.4 |
| SE | .9 | 5.5 | 5.0 | .9 | | | | | | | | 12.4 | 6.7 |
| SSE | .5 | 3.9 | 3.9 | .7 | | | | | | | | 9.0 | 6.7 |
| S | 1.1 | 7.4 | 7.5 | .3 | | | | | | | | 16.3 | 6.4 |
| SSW | 1.3 | 2.7 | 3.5 | | | | | | | | | 7.5 | 6.0 |
| SW | 1.1 | 1.1 | 3.0 | | | | | | | | | 5.1 | 6.7 |
| WSW | .5 | .7 | 1.5 | .4 | | | | | | | | 3.1 | 7.1 |
| W | .4 | 1.1 | 1.5 | | | | | | | | | 3.0 | 6.3 |
| WNW | .1 | .8 | .7 | .5 | | | | | | | | 2.2 | 7.8 |
| NW | .1 | .4 | .1 | | | | | | | | | .7 | 4.8 |
| NNW | .4 | .3 | | | | | | | | | | .7 | 3.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.0 | |
| | 9.7 | 39.5 | 37.9 | 5.8 | | .1 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) — HIGGS AAF TX (EL PASO) (STATION NAME) — 73-80 (YEARS) — JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.2 | 1.1 | .1 | | | | | | | | 2.8 | 6.4 |
| NNE | .7 | 1.5 | 1.7 | | | | | | | | | 3.9 | 5.9 |
| NE | .5 | 2.3 | 1.7 | .7 | | .3 | | | | | | 5.5 | 7.9 |
| ENE | .3 | 1.3 | 1.7 | .7 | .1 | | | | | | | 4.2 | 7.9 |
| E | | 1.6 | 3.8 | 1.3 | | | | | | | | 6.7 | 8.7 |
| ESE | .7 | 3.0 | 3.6 | 1.1 | .3 | | | | | | | 8.6 | 7.8 |
| SE | .9 | 3.2 | 5.0 | 2.3 | | | | | | | | 11.4 | 8.0 |
| SSE | .4 | 1.6 | 3.0 | 1.5 | .3 | | | | | | | 6.7 | 8.7 |
| S | 1.2 | 4.6 | 7.9 | 1.1 | | | | | | | | 14.8 | 7.1 |
| SSW | .4 | 3.2 | 2.8 | .3 | | | | | | | | 6.7 | 6.5 |
| SW | .5 | 2.8 | 4.6 | .3 | | | | | | | | 8.2 | 7.1 |
| WSW | .4 | 1.9 | 1.6 | .5 | | | | | | | | 4.4 | 6.8 |
| W | .4 | 3.6 | 2.2 | .5 | | | | | | | | 6.7 | 6.7 |
| WNW | | 1.3 | 1.2 | | | | | | | | | 2.6 | 6.4 |
| NW | .3 | .8 | .4 | | | | | | | | | 1.5 | 5.3 |
| NNW | .1 | 1.1 | .5 | | | | | | | | | 1.7 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.5 | |
| | 7.3 | 35.1 | 42.9 | 10.3 | .7 | .3 | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 744

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)

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.6 | 1.1 | .5 | .3 | .1 | | | | | | 4.0 | 6.4 |
| NNE | .3 | 1.1 | 1.2 | .4 | | | | | | | | 3.0 | 7.5 |
| NE | .1 | 1.1 | 2.0 | 1.1 | .1 | .3 | | | | | | 4.7 | 9.8 |
| ENE | .7 | .7 | 1.9 | .9 | .3 | .1 | | | | | | 4.6 | 9.3 |
| E | | 1.2 | 4.7 | 4.0 | .3 | | | | | | | 10.2 | 10.1 |
| ESE | .7 | 2.2 | 4.2 | 2.7 | .5 | | | | | | | 10.2 | 9.3 |
| SE | 1.1 | 3.0 | 5.9 | 3.4 | .3 | | | | | | | 13.6 | 8.9 |
| SSE | .5 | 1.7 | 2.0 | 1.3 | .1 | | | | | | | 5.8 | 8.1 |
| S | 1.1 | 3.5 | 5.9 | 2.0 | .3 | .1 | | | | | | 12.9 | 8.2 |
| SSW | .7 | 2.6 | 1.6 | | | .1 | | | | | | 5.0 | 6.4 |
| SW | 1.2 | 2.8 | 2.6 | .5 | | | | | | | | 7.1 | 6.4 |
| WSW | .3 | 1.9 | 1.5 | .4 | | .1 | | | | | | 4.2 | 7.3 |
| W | .7 | 1.9 | 2.4 | .4 | | | | | | | | 5.4 | 7.0 |
| WNW | .3 | .8 | 1.5 | .3 | | | | | | | | 2.8 | 7.6 |
| NW | .5 | .9 | .7 | .4 | .3 | | | | | | | 2.8 | 7.9 |
| NNW | | .8 | .5 | | | | | | | | | 1.3 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.4 | |
| | 8.5 | 27.7 | 39.7 | 18.4 | 2.4 | .9 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 744

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)

23,44 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1900-2000 (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 | 3.0 | 2.6 | .5 | | | | | | | | 6.6 | 6.9 |
| NNE | .3 | 1.7 | 1.9 | .7 | .3 | | | | | | | 4.8 | 7.8 |
| NE | .1 | 1.7 | .8 | .5 | .3 | | | | | | | 3.5 | 7.7 |
| ENE | .3 | 1.3 | 2.2 | 1.2 | .1 | | | | | | | 5.1 | 8.8 |
| E | .5 | 1.7 | 4.8 | 4.8 | .4 | .1 | | | | | | 12.5 | 10.0 |
| ESE | .8 | 3.1 | 4.4 | 4.6 | .1 | | | | | | | 13.0 | 8.9 |
| SE | .4 | 3.4 | 5.4 | 3.9 | .3 | | | | | | | 13.3 | 9.0 |
| SSE | .1 | .9 | 2.8 | 1.2 | .3 | | | | | | | 5.4 | 9.1 |
| S | .5 | 5.4 | 5.6 | 1.5 | | | | | | | | 13.0 | 7.3 |
| SSW | .3 | 1.1 | 1.2 | .5 | | | | | | | | 3.1 | 7.6 |
| SW | .5 | 2.3 | .7 | .3 | .3 | | | | | | | 4.0 | 6.7 |
| WSW | .9 | .7 | 1.3 | .3 | | | | | | | | 3.2 | 6.2 |
| W | | 1.7 | 1.5 | .3 | .4 | | | | | | | 3.9 | 8.2 |
| WNW | .4 | .3 | 1.1 | .7 | .1 | | | | | | | 2.6 | 9.3 |
| NW | .1 | .7 | .5 | .1 | | | | | | | | 1.5 | 7.1 |
| NNW | .4 | .5 | .3 | .3 | | | | | | | | 1.5 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.0 | |
| | 6.3 | 29.6 | 37.1 | 21.4 | 2.6 | .1 | | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 744

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)

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (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 | 1.1 | 3.6 | 3.2 | 2.4 | .7 | | | | | | | 11.0 | 6.3 |
| NNE | .9 | 2.7 | 1.3 | 1.5 | .1 | | | | | | | 6.6 | 7.4 |
| NE | .9 | 1.6 | .8 | .7 | .1 | | | | | | | 4.2 | 6.7 |
| ENE | .1 | 1.2 | 1.2 | .7 | | | | | | | | 3.2 | 7.8 |
| E | .9 | 4.6 | 4.0 | 2.3 | | | | | | | | 11.8 | 7.5 |
| ESE | .7 | 3.8 | 6.6 | 4.8 | .1 | | | | | | | 16.0 | 6.9 |
| SE | .9 | 3.9 | 5.4 | 1.7 | | | | | | | | 12.0 | 7.3 |
| SSE | .8 | 1.6 | 2.4 | .5 | .1 | | | | | | | 5.5 | 7.5 |
| S | .7 | 2.4 | 3.0 | 1.1 | .1 | | | | | | | 7.3 | 7.9 |
| SSW | .4 | 1.2 | 1.1 | .4 | | | | | | | | 3.1 | 6.9 |
| SW | .7 | 1.5 | 1.1 | .5 | .1 | | | | | | | 3.9 | 6.9 |
| WSW | .1 | 1.3 | .8 | .5 | .4 | | | | | | | 3.2 | 8.6 |
| W | .5 | .5 | 1.2 | .8 | .1 | | | | | | | 3.2 | 8.3 |
| WNW | | .7 | .1 | .7 | .1 | | | | | | | 1.6 | 9.8 |
| NW | .3 | .7 | .9 | .1 | .1 | .1 | | | | | | 2.3 | 8.5 |
| NNW | .4 | .4 | .3 | .1 | | | | | | | | 1.2 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALIA | | | | | | | | | | | | 3.9 | |
| | 9.5 | 31.7 | 33.5 | 19.0 | 2.3 | .1 | | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 4.1 | 3.1 | 1.0 | .2 | .0 | | | | | | 9.5 | 6.9 |
| NNE | 1.3 | 3.1 | 1.7 | .4 | .1 | | | | | | | 6.5 | 6.0 |
| NE | 1.1 | 2.9 | 1.0 | .5 | .1 | .1 | | | | | | 5.7 | 7.2 |
| ENE | .6 | 1.7 | 1.3 | .6 | .1 | . | | | | | | 4.3 | 7.1 |
| E | .7 | 2.7 | 2.8 | 1.7 | .1 | .0 | | | | | | 8.0 | 8.0 |
| ESE | 1.0 | 3.0 | 3.1 | 1.9 | .1 | .0 | | | | | | 9.2 | 7.8 |
| SE | 1.0 | 3.7 | 4.0 | 1.6 | .1 | | | | | | | 10.4 | 7.4 |
| SSE | .5 | 2.1 | 2.9 | .8 | .1 | | | | | | | 6.3 | 7.5 |
| S | .8 | 4.2 | 5.2 | .9 | .1 | .0 | | | | | | 11.1 | 7.1 |
| SSW | .6 | 2.1 | 1.8 | .3 | | .0 | | | | | | 4.7 | 6.5 |
| SW | .7 | 2.0 | 2.2 | .4 | .1 | | | | | | | 5.3 | 6.9 |
| WSW | .4 | 1.1 | 1.2 | .6 | .1 | .0 | | | | | | 3.3 | 7.5 |
| W | .4 | 1.3 | 1.3 | .4 | .1 | .0 | | | | | | 3.6 | 7.4 |
| WNW | .2 | .7 | .6 | .3 | .0 | | | | | | | 1.9 | 7.5 |
| NW | .3 | .6 | .4 | .1 | .1 | .0 | | | | | | 1.5 | 6.5 |
| NNW | .3 | .6 | .3 | .1 | | | | | | | | 1.3 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.3 | |
| | 11.0 | 35.9 | 32.9 | 11.5 | 1.2 | .2 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 1.5 | 5.4 | 4.6 | 1.7 | .1 | | | | | | | 13.3 | 7.1 |
| NNE | 1.3 | 3.2 | .7 | .1 | | | | | | | | 5.4 | 5.0 |
| NE | 1.9 | 1.3 | 1.1 | | | | | | | | | 4.3 | 4.7 |
| ENE | 1.3 | 2.4 | .7 | | | | | | | | | 4.4 | 4.5 |
| E | .9 | 3.1 | .7 | | | .1 | | | | | | 5.4 | 5.5 |
| ESE | 1.1 | 2.7 | 1.5 | .4 | | | | | | | | 5.7 | 6.0 |
| SE | 2.8 | 4.8 | 3.0 | .3 | .1 | | | | | | | 11.0 | 5.6 |
| SSE | .7 | 2.4 | 2.4 | .1 | | | | | | | | 5.7 | 6.6 |
| S | 1.6 | 2.7 | 4.2 | .4 | | | | | | | | 9.9 | 6.4 |
| SSW | .1 | 1.5 | .7 | .3 | | | | | | | | 2.6 | 6.8 |
| SW | .7 | 2.2 | 2.2 | .9 | .1 | | | | | | | 5.7 | 7.7 |
| WSW | .4 | .9 | .8 | .5 | | | | | | | | 2.7 | 7.4 |
| W | .3 | .8 | .3 | 1.6 | .1 | | | | | | | 3.1 | 10.0 |
| WNW | .5 | .8 | .5 | .5 | | | | | | | | 2.4 | 7.1 |
| NW | .3 | .5 | .4 | .1 | | | | | | | | 1.3 | 5.5 |
| NNW | .5 | 1.3 | 1.3 | | | | | | | | | 3.2 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.9 | |
| | 15.6 | 36.7 | 24.9 | 7.1 | .5 | .1 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | AUG (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 | 2.4 | 7.3 | 4.7 | 1.2 | | | | | | | | 15.6 | 6.1 |
| NNE | 3.4 | 6.5 | 1.1 | .1 | | | | | | | | 11.0 | 4.5 |
| NE | 2.0 | 5.2 | .4 | | | | | | | | | 7.7 | 4.3 |
| ENE | 1.3 | 2.4 | .1 | .3 | | | | | | | | 4.2 | 4.4 |
| E | 2.3 | 2.2 | .8 | | | | | | | | | 5.2 | 4.6 |
| ESE | .9 | 3.1 | .9 | | | | | | | | | 5.0 | 5.0 |
| SE | .9 | 3.0 | 1.7 | .1 | | | | | | | | 5.8 | 5.5 |
| SSE | .9 | 4.0 | 2.4 | .3 | | | | | | | | 7.7 | 5.9 |
| S | 1.5 | 3.9 | 2.8 | .4 | | | | | | | | 8.6 | 6.0 |
| SSW | .5 | .5 | 1.1 | .1 | | | | | | | | 2.3 | 6.5 |
| SW | .1 | .7 | 1.7 | .4 | | | | | | | | 3.0 | 8.0 |
| WSW | | .5 | 1.3 | .1 | | | | | | | | 2.0 | 7.7 |
| W | .3 | .7 | .9 | 1.1 | | | | | | | | 3.0 | 8.8 |
| WNW | .4 | .4 | .4 | | | | | | | | | 1.2 | 5.4 |
| NW | .4 | | .1 | | | | | | | | | .5 | 4.0 |
| NNW | .4 | 1.6 | .3 | | | | | | | | | 2.3 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.1 | |
| | 17.9 | 41.9 | 21.0 | 4.2 | | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 23044 | BIGGS AAF TX (EL PASO) | 73-80 | AUG |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 7 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.8 | 8.5 | 7.3 | .8 | | | | | | | | 19.4 | 6.1 |
| NNE | 2.4 | 5.2 | 1.3 | .1 | | | | | | | | 9.1 | 4.9 |
| NE | 2.0 | 4.3 | .7 | .1 | | | | | | | | 7.1 | 4.7 |
| ENE | 1.7 | 2.8 | .8 | .1 | | | | | | | | 5.5 | 4.9 |
| E | 1.9 | 3.5 | 1.1 | .1 | .1 | | | | | | | 6.7 | 5.2 |
| ESE | 1.9 | 1.3 | .3 | | | | | | | | | 3.5 | 3.9 |
| SE | 1.2 | 3.1 | .8 | .1 | | | | | | | | 5.2 | 5.1 |
| SSE | .7 | 3.4 | 3.2 | .4 | | | | | | | | 7.7 | 6.3 |
| S | .8 | 3.6 | 4.6 | .4 | | | | | | | | 9.4 | 6.5 |
| SSW | .3 | 1.2 | .5 | .3 | | | | | | | | 2.3 | 6.2 |
| SW | .4 | .7 | 2.0 | .1 | | | | | | | | 3.2 | 7.3 |
| WSW | | .3 | .7 | .3 | | | | | | | | 1.2 | 8.3 |
| W | | .7 | 1.1 | .1 | | | | | | | | 1.9 | 7.6 |
| WNW | .3 | .3 | .1 | .1 | | | | | | | | .8 | 6.7 |
| NW | .3 | .5 | .1 | | | | | | | | | .9 | 5.1 |
| NNW | .4 | .4 | .3 | | | | | | | | | 1.1 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.9 | |
| | 17.1 | 39.8 | 24.9 | 3.2 | .1 | | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) FIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) AU, (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 | .8 | 3.2 | 2.4 | .1 | | | | | | | | 6.6 | 6.1 |
| NNE | .4 | 2.2 | .9 | | | | | | | | | 3.5 | 5.6 |
| NE | .9 | 3.0 | 1.5 | .1 | .1 | | | | | | | 5.7 | 5.8 |
| ENE | .3 | 2.6 | 1.1 | .3 | | | | | | | | 4.2 | 6.3 |
| E | .7 | 2.7 | 2.3 | .8 | | | | | | | | 6.5 | 7.0 |
| ESE | .7 | 3.1 | 2.3 | .7 | | | | | | | | 6.7 | 6.7 |
| SE | 1.3 | 5.0 | 3.9 | .7 | | | | | | | | 10.9 | 6.3 |
| SSE | .5 | 4.3 | 4.4 | .1 | | | | | | | | 9.4 | 6.5 |
| S | 1.3 | 8.6 | 7.7 | | | | | | | | | 17.6 | 6.3 |
| SSW | .1 | 2.4 | 1.7 | .1 | | | | | | | | 4.4 | 6.5 |
| SW | .2 | 2.2 | 2.7 | .3 | | | | | | | | 5.9 | 6.7 |
| WSW | .5 | .7 | .8 | .3 | | | | | | | | 2.3 | 6.6 |
| W | .5 | .9 | 1.9 | .4 | | | | | | | | 3.8 | 7.1 |
| WNW | .4 | 1.1 | .7 | | | | | | | | | 2.2 | 5.3 |
| NW | .4 | .7 | .4 | | | | | | | | | 1.5 | 5.1 |
| NNW | .7 | .9 | .3 | .1 | .1 | | | | | | | 2.2 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.7 | |
| | 10.5 | 43.5 | 35.0 | 4.0 | .3 | | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 743

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)

23044 (STATION) FIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | .5 | 2.3 | 1.1 | .3 | .1 | | | | | | | 4.3 | 6.1 |
| NNE | .4 | 1.1 | .7 | | | | | | | | | 2.2 | 5.5 |
| NE | .4 | 2.0 | .9 | .5 | .1 | | | | | | | 4.0 | 6.9 |
| ENE | .5 | 1.5 | .5 | .1 | .1 | | | | | | | 2.8 | 6.1 |
| E | .5 | 2.2 | 2.2 | .5 | .1 | | | | | | | 6.5 | 8.2 |
| ESE | .8 | 2.7 | 2.4 | .8 | | | | | | | | 6.7 | 7.0 |
| SE | 1.1 | 3.4 | 4.0 | 1.7 | .1 | | | | | | | 10.3 | 7.5 |
| SSE | .1 | 3.6 | 2.4 | .7 | | | | | | | | 6.9 | 7.1 |
| S | 1.1 | 6.6 | 6.0 | .7 | | | | | | | | 14.4 | 6.4 |
| SSW | .7 | 2.3 | 3.4 | .1 | | | | | | | | 6.5 | 6.8 |
| SW | .5 | 3.6 | 4.8 | .3 | | | | | | | | 9.3 | 6.5 |
| WSW | .1 | 2.6 | 1.6 | .3 | | | | | | | | 4.6 | 6.5 |
| W | .4 | 2.8 | 4.2 | .7 | | | | | | | | 8.1 | 7.2 |
| WNW | .4 | 1.1 | 1.1 | .4 | | | | | | | | 3.0 | 7.0 |
| NW | | 1.6 | 1.1 | .3 | | | | | | | | 3.0 | 7.2 |
| NNW | .4 | .8 | .5 | .1 | | | | | | | | 1.9 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 5.3 | |
| | 8.1 | 40.1 | 37.0 | 8.5 | .7 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 744

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)

23044 (STATION) HIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | .7 | 2.8 | 1.3 | .1 | | | | | | | | 5.0 | 5.7 |
| NNE | .7 | .7 | .4 | | | | | | | | | 1.3 | 5.8 |
| NE | .3 | 1.2 | .7 | .5 | .3 | | | | | | | 3.0 | 8.4 |
| ENE | | 1.2 | 1.9 | 1.1 | | | | | | | | 4.2 | 8.8 |
| E | .4 | 1.6 | 2.6 | 3.6 | | | | | | | | 8.2 | 9.7 |
| ESE | .9 | 1.6 | 4.2 | 2.4 | .5 | | | | | | | 9.7 | 9.0 |
| SE | .4 | 2.7 | 5.0 | 1.3 | .3 | | | | | | | 9.7 | 8.3 |
| SSE | .4 | 2.0 | 2.4 | 1.2 | .1 | | | | | | | 6.2 | 8.2 |
| S | .4 | 4.7 | 7.1 | 2.0 | .1 | | | | | | | 14.4 | 7.9 |
| SSW | .3 | 2.3 | 2.4 | .3 | | | | | | | | 5.2 | 7.0 |
| SW | .3 | 3.6 | 3.5 | .7 | .1 | | | | | | | 8.2 | 7.2 |
| WSW | .7 | .5 | 1.7 | .5 | | | | | | | | 3.5 | 7.3 |
| W | .8 | 1.7 | 4.0 | 1.3 | .1 | | | | | | | 8.1 | 8.2 |
| WNW | .5 | 1.2 | 2.3 | | .1 | | | | | | | 4.2 | 7.4 |
| NW | .3 | 1.2 | 1.1 | | .1 | | | | | | | 2.7 | 6.5 |
| NNW | | .8 | .8 | .7 | | | | | | | | 2.3 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.2 | |
| | 6.6 | 30.0 | 41.5 | 15.9 | 1.9 | | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 743

USAFETAC FORM JUL 64 0-C-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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | .8 | 2.3 | 2.8 | .8 | .1 | | | | | | | 6.9 | 7.5 |
| NNE | .1 | .4 | .9 | .4 | | | | | | | | 1.9 | 8.2 |
| NE | .9 | 2.6 | .8 | .4 | .1 | | | | | | | 4.9 | 6.4 |
| ENE | .3 | 1.9 | 1.3 | .9 | | | | | | | | 4.5 | 7.7 |
| E | .3 | 1.8 | 2.8 | 2.4 | .4 | | | | | | | 7.7 | 9.4 |
| ESE | .3 | 3.0 | 3.1 | 2.2 | .4 | | | | | | | 8.9 | 8.5 |
| SE | .5 | 4.6 | 4.6 | 1.3 | .3 | | | | | | | 11.3 | 7.9 |
| SSE | .1 | 3.2 | 4.3 | 2.0 | .1 | | | | | | | 9.9 | 8.1 |
| S | .4 | 4.9 | 5.4 | 1.8 | .1 | | | | | | | 12.6 | 7.5 |
| SSW | .3 | 1.3 | 1.5 | .7 | .3 | .1 | | | | | | 4.2 | 8.5 |
| SW | .4 | 1.3 | 1.6 | .4 | .1 | | | | | | | 3.9 | 7.7 |
| WSW | .1 | 2.3 | 1.9 | 1.1 | .1 | | | | | | | 5.5 | 8.1 |
| W | .3 | 2.2 | 1.9 | .9 | .3 | | | | | | | 5.5 | 8.1 |
| WNW | .3 | 1.1 | 1.8 | .5 | .4 | | | | | | | 4.0 | 9.0 |
| NW | .4 | .9 | .4 | .3 | .1 | | | | | | | 2.2 | 7.1 |
| NNW | .4 | .5 | .7 | .3 | .1 | .1 | | | | | | 2.2 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 5.9 | 34.3 | 35.9 | 16.5 | 3.1 | .3 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 741

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)

23044 (STATION) | BIGGS AAF TX (FT PASO) (STATION NAME) | 73-80 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 2130-2300 (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 | 3.9 | 3.4 | 1.8 | | | | | | | | 10.0 | 7.4 |
| NNE | .1 | 1.8 | 1.2 | .3 | | | | | | | | 3.4 | 6.4 |
| NE | .5 | 1.6 | 1.5 | .3 | | | | | | | | 3.9 | 6.2 |
| ENE | .4 | 1.5 | .3 | .4 | | | | | | | | 2.6 | 5.8 |
| E | 1.5 | 2.3 | 4.2 | .7 | .1 | .1 | | | | | | 8.9 | 7.2 |
| ESE | 1.5 | 4.3 | 4.3 | 1.6 | .1 | | | | | | | 11.9 | 7.2 |
| SE | 1.5 | 5.3 | 5.1 | 1.1 | | | | | | | | 13.0 | 6.6 |
| SSE | .4 | 3.0 | 3.5 | .7 | | | | | | | | 7.6 | 7.0 |
| S | .4 | 4.5 | 3.2 | 1.3 | | | | | | | | 9.4 | 7.2 |
| SSW | .3 | 1.6 | 1.1 | .8 | | | | | | | | 3.8 | 7.6 |
| SW | .3 | 1.3 | .9 | .8 | .1 | | | | | | | 3.5 | 7.8 |
| WSW | .3 | 1.2 | .7 | 1.1 | | | | | | | | 3.2 | 8.4 |
| W | .1 | .8 | 1.8 | 1.8 | .3 | | | | | | | 4.7 | 9.7 |
| WNW | .4 | .4 | 1.1 | .5 | | | | | | | | 2.4 | 8.1 |
| NW | .7 | .3 | .3 | | | | | | | | | 1.2 | 4.8 |
| NNW | .5 | .4 | 1.1 | .4 | | | | | | | | 2.4 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.1 | |
| | 9.2 | 34.1 | 33.6 | 13.5 | .7 | .1 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) | WIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 4.5 | 3.4 | .9 | .1 | | | | | | | 10.1 | 6.5 |
| NNE | 1.1 | 2.6 | .9 | .1 | | | | | | | | 4.7 | 5.2 |
| NE | 1.1 | 2.7 | .9 | .3 | .1 | | | | | | | 5.1 | 5.6 |
| ENE | .7 | 2.0 | .8 | .4 | .0 | | | | | | | 4.0 | 6.0 |
| E | 1.1 | 2.5 | 2.1 | 1.1 | .1 | .0 | | | | | | 6.9 | 7.3 |
| ESE | 1.0 | 2.7 | 2.4 | 1.0 | .1 | | | | | | | 7.3 | 7.1 |
| SE | 1.2 | 4.0 | 3.5 | .8 | .1 | | | | | | | 9.7 | 6.8 |
| SSE | .5 | 3.2 | 3.1 | .7 | .0 | | | | | | | 7.6 | 7.0 |
| S | .9 | 4.9 | 5.1 | .9 | .0 | | | | | | | 11.9 | 6.8 |
| SSW | .3 | 1.6 | 1.5 | .3 | .0 | .0 | | | | | | 3.9 | 7.0 |
| SW | .4 | 2.0 | 2.4 | .5 | .1 | | | | | | | 5.3 | 7.2 |
| WSW | .2 | 1.1 | 1.2 | .5 | .0 | | | | | | | 3.1 | 7.5 |
| W | .3 | 1.3 | 2.0 | 1.0 | .1 | | | | | | | 4.8 | 8.2 |
| WNW | .4 | .8 | 1.0 | .3 | .1 | | | | | | | 2.5 | 7.3 |
| NW | .3 | .7 | .5 | .1 | .0 | | | | | | | 1.7 | 6.1 |
| NNW | .4 | .9 | .7 | .2 | .0 | .0 | | | | | | 2.2 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.2 | |
| | 11.4 | 37.6 | 31.7 | 9.1 | .9 | .1 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 5943

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)

23044 (3GGS AAF TX (EL PASO) 72-79 SEP
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 | 1.8 | 6.1 | 4.2 | 1.8 | .1 | | | | | | | 14.0 | 6.8 |
| NNE | 1.4 | 3.6 | .8 | 1.2 | | | | | | | | 7.1 | 6.0 |
| NE | 1.9 | 3.3 | 1.2 | | | | | | | | | 6.5 | 4.7 |
| ENE | 1.0 | 4.7 | .8 | .4 | | | | | | | | 6.9 | 5.5 |
| E | 1.0 | 2.6 | 1.8 | .6 | .1 | | | | | | | 6.5 | 6.2 |
| ESE | 1.4 | 3.1 | .8 | | | | | | | | | 5.3 | 4.9 |
| SE | 1.2 | 2.6 | 1.2 | .1 | | | | | | | | 5.3 | 5.4 |
| SSE | .8 | 2.6 | 1.4 | .3 | | | | | | | | 5.1 | 5.8 |
| S | 1.1 | 5.3 | 2.4 | .6 | | | | | | | | 9.3 | 5.9 |
| SSW | .8 | 2.4 | .6 | .3 | | | | | | | | 4.0 | 5.3 |
| SW | 1.2 | 1.7 | 1.1 | .6 | | | | | | | | 4.6 | 6.3 |
| WSW | .6 | .1 | 1.4 | .7 | | | | | | | | 2.8 | 8.2 |
| W | .3 | .6 | .3 | 1.0 | .1 | | | | | | | 2.2 | 9.4 |
| WNW | .7 | .3 | .7 | .4 | .6 | | | | | | | 2.6 | 9.6 |
| NW | .4 | .8 | .4 | .3 | | | | | | | | 1.9 | 6.3 |
| NNW | .8 | .8 | .6 | | | | | | | | | 2.2 | 4.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.5 | |
| | 16.9 | 40.7 | 19.7 | 8.2 | 1.0 | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 720

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)

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 7.6 | 5.4 | .7 | | | | | | | | 16.0 | 6.1 |
| NNE | 2.4 | 6.8 | 2.5 | .4 | | | | | | | | 12.1 | 5.5 |
| NE | 2.6 | 5.1 | 1.2 | .1 | | | | | | | | 9.2 | 4.6 |
| ENE | 1.1 | 2.6 | .7 | .1 | | | | | | | | 4.6 | 5.1 |
| E | 1.2 | 2.8 | 1.7 | .4 | | | | | | | | 6.1 | 6.1 |
| ESE | 1.0 | 1.9 | .1 | | | | | | | | | 3.1 | 4.1 |
| SE | 1.0 | 2.4 | .6 | | | | | | | | | 3.9 | 5.0 |
| SSE | 1.1 | 2.1 | 1.4 | .1 | | | | | | | | 4.7 | 5.5 |
| S | 1.5 | 3.3 | 1.7 | .3 | | | | | | | | 6.8 | 5.7 |
| SSW | .7 | 1.9 | 1.7 | | | | | | | | | 4.3 | 5.8 |
| SW | .6 | 1.1 | 1.9 | | | | | | | | | 3.6 | 6.4 |
| WSW | .3 | 1.5 | .6 | .6 | | | | | | | | 2.9 | 6.5 |
| W | .4 | .6 | .7 | .3 | | | | | | | | 1.9 | 6.4 |
| WNW | .4 | .7 | .3 | .3 | | | | | | | | 1.7 | 6.3 |
| NW | .1 | .7 | | | | | | | | | | .8 | 4.2 |
| NNW | .8 | 1.0 | .3 | .1 | | | | | | | | 2.2 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.1 | |
| | 17.5 | 42.2 | 20.7 | 3.5 | | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 720

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)

23044 (STATION) | HEGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 7.2 | 6.7 | .7 | | | | | | | | 17.6 | 6.2 |
| NNE | 1.4 | 8.5 | 1.8 | .1 | | | | | | | | 11.8 | 5.2 |
| NE | 1.9 | 4.9 | 1.9 | .3 | | | | | | | | 9.0 | 5.4 |
| ENE | 1.2 | 3.6 | 1.0 | .3 | .1 | | | | | | | 6.2 | 5.6 |
| E | .4 | 3.3 | 1.1 | .3 | | | | | | | | 5.1 | 5.7 |
| ESE | .7 | 1.7 | .7 | .1 | | | | | | | | 3.2 | 5.5 |
| SE | 1.4 | 1.8 | .4 | | | | | | | | | 3.6 | 4.9 |
| SSE | 1.1 | 2.5 | 1.7 | .1 | | | | | | | | 5.4 | 5.6 |
| S | 1.1 | 3.9 | 2.4 | .1 | | | | | | | | 7.5 | 5.9 |
| SSW | .6 | 1.4 | 1.4 | .1 | | | | | | | | 3.5 | 6.6 |
| SW | .1 | 1.4 | .8 | .4 | | | | | | | | 2.8 | 7.1 |
| WSW | .4 | 1.2 | .8 | | | | | | | | | 2.5 | 5.4 |
| W | .4 | .6 | .4 | .1 | | | | | | | | 1.5 | 6.2 |
| WNW | .3 | .7 | .4 | | | | | | | | | 1.4 | 5.6 |
| NW | 1.1 | .3 | .1 | .1 | | | | | | | | 1.7 | 4.3 |
| NNW | .3 | 1.5 | | .1 | | | | | | | | 1.9 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.1 | |
| | 15.1 | 44.9 | 21.7 | 3.1 | .1 | | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 720

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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 3.5 | 4.6 | | | | | | | | | 8.8 | 6.6 |
| NNE | .7 | 2.6 | 1.4 | .6 | | | | | | | | 5.3 | 6.4 |
| NE | 1.4 | 3.6 | 1.5 | .7 | | | | | | | | 7.2 | 6.1 |
| ENE | 1.3 | 3.5 | 1.8 | .6 | | | | | | | | 7.1 | 6.2 |
| E | 1.1 | 3.9 | 3.1 | 1.5 | | | | | | | | 9.6 | 7.1 |
| ESE | .6 | 2.8 | 2.4 | .6 | | | | | | | | 6.3 | 6.4 |
| SE | 1.4 | 3.6 | 2.1 | .4 | | | | | | | | 7.5 | 5.9 |
| SSE | .8 | 2.6 | 2.6 | | | | | | | | | 6.1 | 6.1 |
| S | 2.1 | 6.8 | 4.9 | | | | | | | | | 13.8 | 5.7 |
| SSW | .7 | 1.1 | 2.6 | .1 | | | | | | | | 4.6 | 6.5 |
| SW | .7 | 2.9 | 3.1 | 1.0 | | | | | | | | 7.6 | 7.1 |
| WSW | .7 | 1.3 | 1.3 | 1.5 | | | | | | | | 4.5 | 8.2 |
| W | .6 | .8 | 1.1 | .4 | .1 | | | | | | | 3.1 | 7.5 |
| WNW | .1 | .6 | .8 | .3 | | | | | | | | 1.8 | 7.5 |
| NW | .3 | .3 | .3 | | | | | | | | | .8 | 5.3 |
| NNW | .3 | .3 | .3 | .3 | | | | | | | | 1.1 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.9 | |
| | 13.4 | 39.9 | 33.8 | 7.9 | .1 | | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 72-79 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 | 2.2 | .6 | .3 | | | | | | | | 3.9 | 5.5 |
| NNE | .8 | 1.5 | 1.4 | .6 | | | | | | | | 4.3 | 6.4 |
| NE | .4 | 2.5 | 1.4 | 1.0 | | | | | | | | 5.3 | 7.3 |
| ENE | .3 | 1.5 | 1.5 | .8 | .3 | | | | | | | 4.4 | 8.8 |
| E | .7 | 2.5 | 3.2 | 2.2 | | | | | | | | 8.6 | 8.0 |
| ESE | .6 | 3.2 | 3.9 | .6 | .1 | | | | | | | [illegible] | 7.2 |
| SE | .1 | 2.4 | 3.2 | .4 | | | | | | | | 6.1 | 7.3 |
| SSE | | 2.2 | 3.1 | .3 | | | | | | | | 5.6 | 7.5 |
| S | .4 | 5.1 | 4.0 | | | | | | | | | 9.6 | 6.4 |
| SSW | .8 | 2.6 | 2.6 | .1 | | | | | | | | 6.2 | 6.3 |
| SW | 1.2 | 3.7 | 4.3 | 1.0 | | | | | | | | 10.3 | 6.9 |
| WSW | .3 | 1.7 | 2.4 | 1.4 | .1 | | | | | | | 5.8 | 8.2 |
| W | 1.0 | 3.6 | 3.3 | 2.9 | | | | | | | | 10.8 | 8.0 |
| WNW | .4 | 1.0 | .7 | .6 | | | | | | | | 2.6 | 7.4 |
| NW | .1 | 1.2 | .6 | .1 | | | | | | | | 2.1 | 6.1 |
| NNW | .7 | .6 | | | | | | | | | | 1.2 | 3.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 8.7 | 37.6 | 36.1 | 12.2 | .6 | | | | | | | 100.3 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (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 | .6 | 2.2 | 1.0 | .4 | | | | | | | | 4.2 | 5.9 |
| NNE | .6 | 1.8 | .8 | .1 | | | | | | | | 3.3 | 5.5 |
| NE | .7 | 2.5 | 2.1 | .7 | .1 | | | | | | | 6.1 | 7.0 |
| ENE | .6 | 1.8 | 2.1 | .6 | .3 | | | | | | | 5.3 | 7.8 |
| E | .3 | 2.6 | 3.3 | 3.6 | .4 | .3 | | | | | | 10.6 | 9.9 |
| ESE | .3 | 2.2 | 3.1 | 1.2 | .1 | | | | | | | 6.9 | 8.4 |
| SE | .6 | 2.9 | 2.5 | 1.8 | | | | | | | | 7.8 | 7.9 |
| SSE | .1 | 1.7 | 2.1 | 1.4 | | | | | | | | 5.3 | 8.2 |
| S | 1.5 | 2.4 | 4.3 | .8 | | | | | | | | 9.0 | 6.9 |
| SSW | .3 | 2.5 | 1.7 | .7 | | | | | | | | 5.1 | 6.9 |
| SW | .4 | 1.2 | 3.1 | 1.5 | | | | | | | | 6.2 | 8.4 |
| WSW | .6 | 2.2 | 3.5 | 1.4 | .1 | | | | | | | 7.8 | 8.2 |
| W | .1 | 3.2 | 4.3 | 2.4 | .1 | | | | | | | 10.1 | 8.4 |
| WNW | .1 | .7 | 1.8 | .6 | | | | | | | | 3.2 | 8.2 |
| NW | .3 | 1.8 | 1.4 | .1 | | | | | | | | 3.6 | 6.4 |
| NNW | | .3 | 1.4 | | | | | | | | | 1.7 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.7 | |
| | 6.9 | 32.1 | 38.3 | 17.4 | 1.2 | .3 | | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 72-79 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 | 1.8 | 4.9 | 2.1 | .8 | .1 | | | | | | | 9.7 | 6.2 |
| NNE | .7 | 2.4 | 1.1 | .4 | | | | | | | | 4.6 | 6.1 |
| NE | .6 | 1.5 | 1.0 | .7 | | | | | | | | 3.8 | 6.8 |
| ENE | .3 | 1.8 | 1.4 | .6 | .1 | | | | | | | 4.2 | 7.2 |
| E | .7 | 3.8 | 5.7 | 3.3 | .8 | | | | | | | 14.3 | 8.6 |
| ESE | .3 | 2.9 | 3.6 | 2.4 | .1 | | | | | | | 9.3 | 8.5 |
| SE | 1.0 | 2.6 | 2.6 | 1.3 | | | | | | | | 7.5 | 7.3 |
| SSE | .6 | 3.2 | 2.5 | .1 | | | | | | | | 6.4 | 6.5 |
| S | .1 | 4.3 | 3.2 | .3 | | | | | | | | 7.9 | 6.6 |
| SSW | | 1.9 | 1.4 | .1 | | | | | | | | 3.5 | 6.4 |
| SW | .6 | 2.8 | 1.4 | .6 | | | | | | | | 5.3 | 6.6 |
| WSW | .7 | 2.5 | 1.4 | 1.4 | | | | | | | | 6.0 | 7.4 |
| W | .4 | 2.5 | 1.8 | 1.9 | .3 | | | | | | | 7.0 | 8.3 |
| WNW | .1 | 1.4 | .8 | .7 | .1 | | | | | | | 3.2 | 8.4 |
| NW | .7 | .4 | .6 | .3 | .1 | | | | | | | 2.1 | 7.3 |
| NNW | 1.3 | 1.0 | .3 | .1 | | | | | | | | 2.6 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.6 | |
| | 9.7 | 39.9 | 30.9 | 15.0 | 1.8 | | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 719

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)

23044 (STATION) | WIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (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 | 1.4 | 4.3 | 4.3 | 1.8 | | | | | | | | 11.8 | 7.3 |
| NNE | 1.1 | 1.9 | 1.2 | .7 | | | | | | | | 5.0 | 6.2 |
| NE | .6 | 2.8 | 1.0 | .7 | | | | | | | | 5.0 | 6.3 |
| ENE | 1.1 | 2.9 | 1.2 | .3 | | | | | | | | 5.6 | 5.8 |
| E | .8 | 5.3 | 3.7 | .1 | .4 | | | | | | | 10.4 | 6.7 |
| ESE | 1.0 | 3.2 | 3.5 | .7 | | | | | | | | 8.3 | 6.7 |
| SE | 1.1 | 3.5 | 3.5 | .6 | | | | | | | | 8.6 | 6.5 |
| SSE | .4 | 3.1 | 1.9 | .4 | | | | | | | | 5.8 | 6.6 |
| S | 2.5 | 4.4 | 3.6 | .1 | | | | | | | | 10.7 | 5.6 |
| SSW | | 1.4 | .7 | | | | | | | | | 2.1 | 5.3 |
| SW | .6 | 1.0 | 1.1 | .1 | .1 | | | | | | | 2.9 | 6.8 |
| WSW | .6 | 1.4 | 1.4 | | .3 | | | | | | | 3.6 | 7.1 |
| W | .4 | .7 | 1.0 | 1.1 | .6 | | | | | | | 3.7 | 10.5 |
| WNW | .7 | 1.1 | .6 | 1.7 | .3 | | | | | | | 4.3 | 8.9 |
| NW | .1 | .0 | 1.1 | .3 | | | | | | | | 2.1 | 7.7 |
| NNW | .7 | .8 | .4 | .4 | | | | | | | | 2.4 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.6 | |
| | 13.1 | 38.3 | 30.3 | 9.0 | 1.7 | | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 720

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)

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (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 | 1.5 | 4.8 | 3.6 | .8 | .0 | | | | | | | 10.8 | 6.4 |
| NNE | 1.1 | 3.6 | 1.4 | .5 | | | | | | | | 6.7 | 5.6 |
| NE | 1.3 | 3.3 | 1.4 | .5 | .0 | | | | | | | 6.5 | 5.9 |
| ENE | .9 | 2.8 | 1.3 | .5 | .1 | | | | | | | 5.5 | 6.4 |
| E | .8 | 3.4 | 3.0 | 1.5 | .2 | .0 | | | | | | 8.9 | 7.6 |
| ESE | .7 | 2.6 | 2.3 | .7 | .1 | | | | | | | 6.3 | 6.9 |
| SE | 1.0 | 2.7 | 2.0 | .6 | | | | | | | | 6.3 | 6.5 |
| SSE | .6 | 2.5 | 2.1 | .3 | | | | | | | | 5.6 | 6.5 |
| S | 1.3 | 4.4 | 3.3 | .3 | | | | | | | | 9.3 | 6.1 |
| SSW | .5 | 1.9 | 1.6 | .2 | | | | | | | | 4.2 | 6.2 |
| SW | .7 | 2.0 | 2.1 | .6 | .0 | | | | | | | 5.4 | 7.0 |
| WSW | .5 | 1.5 | 1.6 | .9 | .1 | | | | | | | 4.5 | 7.6 |
| W | .5 | 1.6 | 1.6 | 1.3 | .2 | | | | | | | 5.1 | 8.3 |
| WNW | .4 | .8 | .8 | .6 | .1 | | | | | | | 2.6 | 8.1 |
| NW | .4 | .2 | .6 | .2 | .0 | | | | | | | 1.9 | 6.2 |
| NNW | .6 | .8 | .4 | .1 | | | | | | | | 1.9 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.5 | |
| | 12.7 | 39.5 | 28.9 | 9.5 | .3 | .0 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 5758

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)

23044 (STATION) | 3IGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (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 | 2.4 | 5.7 | 4.2 | .7 | | | | | | | | 12.9 | 6.0 |
| NNE | 1.8 | 3.6 | .8 | .8 | | | | | | | | 7.0 | 5.8 |
| NE | 1.6 | 3.6 | 1.2 | .4 | | | | | | | | 6.9 | 5.3 |
| ENE | .7 | 3.9 | .5 | .4 | | | | | | | | 5.5 | 5.5 |
| E | 1.9 | 4.0 | .8 | .3 | | | | | | | | 7.0 | 4.7 |
| ESE | 1.8 | 3.1 | .4 | | | | | | | | | 5.3 | 4.3 |
| SE | 1.9 | 3.0 | .8 | | | | | | | | | 5.7 | 4.5 |
| SSE | 1.1 | 2.2 | 1.8 | .1 | | | | | | | | 5.1 | 5.7 |
| S | 1.2 | 3.2 | 2.0 | .1 | | | | | | | | 6.6 | 5.4 |
| SSW | .5 | 1.1 | 1.6 | .1 | | | | | | | | 3.4 | 6.4 |
| SW | .9 | .8 | 1.5 | .7 | | | | | | | | 3.9 | 7.0 |
| WSW | .8 | 1.2 | .4 | .5 | | | | | | | | 3.0 | 6.0 |
| W | 1.2 | .8 | .5 | 1.1 | | | | | | | | 3.6 | 6.9 |
| WNW | .1 | .7 | 1.5 | 1.1 | .1 | | | | | | | 3.5 | 8.9 |
| NW | .8 | 1.2 | | .3 | | | | | | | | 2.3 | 4.8 |
| NNW | .9 | 1.3 | .1 | | | | | | | | | 2.4 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.9 | |
| | 19.7 | 39.5 | 18.2 | 6.6 | .1 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 5.8 | 3.5 | 1.3 | | | | | | | | 13.6 | 6.2 |
| NNE | 3.4 | 7.8 | 2.8 | .5 | | | | | | | | 14.5 | 5.2 |
| NE | 2.3 | 6.3 | .7 | .5 | | | | | | | | 9.6 | 5.0 |
| ENE | 1.6 | .4 | .5 | .3 | | | | | | | | 6.9 | 5.6 |
| E | 1.7 | 3.5 | .5 | .1 | | | | | | | | 5.9 | 4.6 |
| ESE | .9 | 2.3 | .1 | | | | | | | | | 3.4 | 4.3 |
| SE | 1.2 | 1.6 | .4 | .1 | | | | | | | | 3.4 | 4.5 |
| SSE | .9 | 2.2 | 1.1 | | | | | | | | | 4.2 | 5.4 |
| S | .7 | 2.8 | 1.9 | .3 | | | | | | | | 5.7 | 5.9 |
| SSW | .8 | 1.6 | .7 | .3 | | | | | | | | 3.4 | 5.5 |
| SW | .5 | .8 | 1.5 | .7 | | | | | | | | 3.5 | 7.3 |
| WSW | | .7 | .9 | .4 | | | | | | | | 2.0 | 8.0 |
| W | .5 | .3 | .8 | .5 | .1 | | | | | | | 2.3 | 8.0 |
| WNW | .3 | 1.1 | .8 | | | | | | | | | 2.2 | 6.1 |
| NW | .5 | 1.1 | .5 | | | | | | | | | 2.2 | 5.4 |
| NNW | .5 | 1.9 | .4 | | | | | | | | | 2.8 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.7 | |
| | 18.7 | 44.1 | 17.2 | 5.1 | .1 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 743

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)

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (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 | 2.6 | 6.9 | 4.4 | 1.6 | | | | | | | | 15.5 | 6.3 |
| NNE | 3.0 | 9.3 | 4.3 | .5 | | | | | | | | 17.1 | 5.6 |
| NE | 2.6 | 5.4 | 1.2 | .8 | | | | | | | | 10.0 | 5.4 |
| ENE | 1.1 | 2.6 | .4 | .1 | | | | | | | | 4.2 | 4.8 |
| E | 1.3 | 3.5 | .5 | .4 | | | | | | | | 5.8 | 5.3 |
| ESE | .9 | 2.2 | .3 | | | | | | | | | 3.4 | 4.5 |
| SE | .8 | 2.7 | .5 | | | | | | | | | 4.0 | 4.7 |
| SSE | .7 | 1.3 | 1.6 | | | | | | | | | 3.6 | 6.0 |
| S | 1.1 | 3.1 | 2.3 | | | | | | | | | 6.5 | 5.8 |
| SSW | .4 | 1.2 | 1.5 | .4 | | | | | | | | 3.5 | 7.1 |
| SW | | .5 | .4 | .1 | | | | | | | | 1.1 | 7.0 |
| WSW | .1 | .5 | .4 | .8 | | | | | | | | 1.9 | 8.6 |
| W | .7 | .5 | .8 | .8 | | | | | | | | 2.8 | 7.6 |
| WNW | .4 | .7 | .4 | .3 | | | | | | | | 1.8 | 6.5 |
| NW | .7 | .7 | .1 | | | | | | | | | 1.5 | 4.2 |
| NNW | .8 | .1 | .5 | .1 | | | | | | | | 1.6 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.6 | |
| | 17.1 | 41.2 | 19.8 | 6.1 | | | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 3.4 | 3.4 | 1.1 | | | | | | | | 8.9 | 6.8 |
| NNE | 1.1 | 3.6 | 2.0 | .4 | | | | | | | | 7.2 | 6.1 |
| NE | 1.5 | 2.6 | 1.1 | 1.2 | .3 | | | | | | | 6.6 | 7.1 |
| ENE | 1.3 | 2.4 | 1.1 | .8 | .1 | | | | | | | 5.8 | 6.5 |
| E | .8 | 2.3 | 2.2 | 1.1 | .1 | | | | | | | 6.5 | 7.2 |
| ESE | .4 | 2.2 | 2.8 | .3 | | | | | | | | 5.7 | 7.0 |
| SE | 1.5 | 2.6 | 2.6 | .3 | | | | | | | | 6.9 | 6.0 |
| SSE | .8 | 3.9 | 1.6 | .4 | | | | | | | | 6.7 | 5.9 |
| S | 1.8 | 6.3 | 4.5 | .1 | | | | | | | | 12.7 | 5.9 |
| SSW | .7 | 3.1 | 1.9 | 1.1 | .3 | | | | | | | 7.0 | 7.3 |
| SW | .7 | 2.0 | 3.1 | 1.3 | | | | | | | | 7.2 | 7.8 |
| WSW | .3 | .8 | 1.8 | .9 | | .1 | | | | | | 3.9 | 8.9 |
| W | .7 | .4 | 1.6 | 1.2 | | | | | | | | 3.9 | 8.3 |
| WNW | .5 | .3 | 1.5 | .3 | | | | | | | | 2.6 | 7.5 |
| NW | .5 | .1 | .1 | .3 | | | | | | | | 1.1 | 6.3 |
| NNW | .7 | .4 | .1 | .1 | | | | | | | | 1.3 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.1 | |
| | 14.3 | 36.4 | 31.3 | 10.9 | .8 | .1 | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 23044 | BIGGS AAF TX (EL PASO) | 72-79 | OCT |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER (CLASS)

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | 1.6 | 1.5 | | | | | | | | | 3.9 | 5.9 |
| NNE | .3 | .9 | .3 | .1 | | | | | | | | 1.9 | 5.0 |
| NE | .5 | 2.4 | .5 | 1.3 | | | | | | | | 4.5 | 7.5 |
| ENE | 1.1 | .5 | 1.2 | .4 | | | | | | | | 3.2 | 7.0 |
| E | .5 | 1.6 | 2.4 | 1.9 | .3 | | | | | | | 6.7 | 9.0 |
| ESE | .5 | 2.2 | 1.8 | 1.3 | | | | | | | | 5.8 | 7.4 |
| SE | .9 | 3.0 | 2.8 | .5 | | | | | | | | 7.3 | 6.4 |
| SSE | .5 | 1.1 | 1.5 | .5 | | | | | | | | 3.6 | 6.9 |
| S | .8 | 4.0 | 3.0 | .3 | | | | | | | | 8.1 | 6.1 |
| SSW | 1.1 | 3.2 | 2.7 | .5 | .3 | | | | | | | 7.8 | 6.8 |
| SW | 1.5 | 3.4 | 5.6 | 2.8 | .3 | .1 | | | | | | 13.9 | 8.4 |
| WSW | .5 | 1.8 | 4.7 | 3.0 | | .1 | | | | | | 10.1 | 9.1 |
| W | .3 | 2.7 | 4.3 | 2.7 | .3 | | | | | | | 10.3 | 8.8 |
| WNW | .4 | 1.1 | .9 | 1.1 | | | | | | | | 3.5 | 7.3 |
| NW | .4 | .9 | .8 | .4 | .4 | | | | | | | 3.0 | 8.9 |
| NNW | .3 | .8 | .4 | .3 | .1 | | | | | | | 1.9 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.5 | |
| | 10.8 | 30.9 | 34.7 | 17.3 | 1.6 | .3 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) OCT (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 | 1.6 | 1.1 | | | | | | | | | 3.2 | 5.6 |
| NNE | .1 | 1.3 | 1.1 | .3 | | | | | | | | 2.8 | 7.2 |
| NE | 1.1 | 1.1 | .7 | .5 | .1 | | | | | | | 3.5 | 6.6 |
| ENE | .7 | .8 | .9 | .5 | .3 | .1 | | | | | | 3.4 | 8.4 |
| E | .5 | 1.3 | 2.6 | 2.0 | | | | | | | | 6.5 | 8.8 |
| ESE | .8 | 2.3 | 3.0 | 1.5 | | | | | | | | 7.5 | 7.7 |
| SE | .7 | 2.4 | 1.9 | .9 | | | | | | | | 5.9 | 7.0 |
| SSE | | 2.0 | .9 | .5 | .1 | | | | | | | 3.6 | 7.6 |
| S | 1.2 | 3.1 | 2.0 | .7 | | | | | | | | 7.0 | 6.1 |
| SSW | 1.5 | 2.2 | 1.5 | .7 | | | | | | | | 5.8 | 6.1 |
| SW | .9 | 3.4 | 5.0 | 1.7 | .4 | | | | | | | 11.4 | 8.0 |
| WSW | .7 | 3.4 | 5.1 | 1.9 | | | | | | | | 11.0 | 7.8 |
| W | .7 | 3.0 | 6.3 | 2.3 | .3 | | | | | | | 12.5 | 8.4 |
| WNW | .3 | 1.5 | 2.3 | .9 | | | | | | | | 5.0 | 8.3 |
| NW | .3 | 1.1 | 2.0 | .1 | | | | | | | | 3.5 | 7.2 |
| NNW | .4 | .5 | .5 | .1 | | | | | | | | 1.6 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.8 | |
| | 10.3 | 30.9 | 36.8 | 14.8 | 1.2 | .1 | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 4.0 | 1.6 | .4 | | | | | | | | 7.0 | 5.8 |
| NNE | 1.5 | 2.6 | .5 | .3 | | | | | | | | 4.9 | 4.9 |
| NE | .5 | 2.2 | .9 | .3 | .1 | | | | | | | 4.0 | 6.2 |
| ENE | .8 | .5 | 1.6 | .8 | .1 | | | | | | | 3.9 | 8.1 |
| E | .4 | 4.0 | 4.9 | .8 | | | | | | | | 10.1 | 7.2 |
| ESE | 1.2 | 3.4 | 3.8 | 1.1 | | | | | | | | 9.4 | 6.9 |
| SE | .5 | 3.2 | 2.0 | .3 | | | | | | | | 6.1 | 6.0 |
| SSE | .7 | 3.0 | .9 | | | | | | | | | 4.6 | 5.4 |
| S | .4 | 2.8 | 1.5 | | | | | | | | | 4.7 | 5.7 |
| SSW | .8 | 4.2 | 1.2 | .3 | .1 | | | | | | | 6.6 | 5.9 |
| SW | 1.1 | 5.1 | 2.0 | .7 | .3 | | | | | | | 9.2 | 6.5 |
| WSW | .3 | 2.7 | 1.3 | .8 | .1 | | | | | | | 5.3 | 7.2 |
| W | .3 | 2.0 | 2.3 | 1.3 | | | | | | | | 5.9 | 8.0 |
| WNW | .4 | 1.1 | 1.8 | .5 | | | | | | | | 3.8 | 7.4 |
| NW | .4 | .8 | .7 | .8 | | | | | | | | 2.7 | 7.9 |
| NNW | .9 | 1.3 | .7 | .1 | | | | | | | | 3.1 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.8 | |
| | 11.2 | 43.0 | 27.8 | 8.5 | .8 | | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 4.4 | 3.1 | .4 | | | | | | | | 9.4 | 6.1 |
| NNE | 1.6 | 4.8 | .9 | .1 | | | | | | | | 7.5 | 4.9 |
| NE | 1.1 | 4.0 | .7 | .5 | | | | | | | | 6.3 | 5.5 |
| ENE | 1.2 | 2.3 | 1.1 | .3 | | | | | | | | 4.8 | 5.5 |
| E | 1.5 | 3.5 | 1.9 | .4 | | | | | | | | 7.3 | 5.8 |
| ESE | 1.1 | 3.5 | 2.4 | .5 | | | | | | | | 7.5 | 6.7 |
| SE | .9 | 3.1 | .7 | .1 | | | | | | | | 4.8 | 5.1 |
| SSE | 1.7 | 1.3 | 1.9 | .4 | | | | | | | | 5.4 | 6.0 |
| S | .7 | 4.4 | 2.7 | .1 | | | | | | | | 7.9 | 6.0 |
| SSW | .5 | 2.2 | .7 | .1 | | | | | | | | 3.5 | 5.3 |
| SW | .7 | 2.3 | 1.2 | .8 | .3 | | | | | | | 5.2 | 7.2 |
| WSW | .7 | 1.3 | .8 | 1.1 | .1 | | | | | | | 4.0 | 7.8 |
| W | .4 | .9 | 1.1 | 1.6 | | | | | | | | 4.0 | 9.3 |
| WNW | | 1.1 | 1.2 | .3 | .1 | | | | | | | 2.7 | 7.7 |
| NW | .5 | .5 | .5 | .3 | | | | | | | | 1.9 | 6.7 |
| NNW | 1.1 | 1.7 | .9 | .4 | | | | | | | | 4.2 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.4 | |
| | 15.6 | 41.1 | 21.8 | 7.5 | .5 | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) HIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (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 | 4.1 | 2.8 | .7 | | | | | | | | 9.3 | 6.2 |
| NNE | 1.6 | 4.3 | 1.6 | .4 | | | | | | | | 7.9 | 5.5 |
| NE | 1.4 | 3.4 | .9 | .7 | .1 | | | | | | | 6.4 | 5.9 |
| ENE | 1.1 | 2.2 | .9 | .5 | .1 | .0 | | | | | | 4.7 | 6.1 |
| E | 1.1 | 3.0 | 2.0 | .9 | .1 | | | | | | | 7.0 | 6.6 |
| ESE | 1.0 | 2.6 | 1.8 | .6 | | | | | | | | 6.0 | 6.3 |
| SE | 1.1 | 2.7 | 1.5 | .3 | | | | | | | | 5.5 | 5.7 |
| SSE | .8 | 2.1 | 1.4 | .3 | .0 | | | | | | | 4.6 | 6.0 |
| S | 1.0 | 3.7 | 2.5 | .2 | | | | | | | | 7.4 | 5.9 |
| SSW | .9 | 2.3 | 1.5 | .4 | .1 | | | | | | | 5.1 | 6.4 |
| SW | .8 | 2.3 | 2.6 | 1.1 | .2 | .0 | | | | | | 6.9 | 7.6 |
| WSW | .4 | 1.5 | 1.9 | 1.2 | .0 | .0 | | | | | | 5.2 | 8.1 |
| W | .6 | 1.3 | 2.2 | 1.4 | .1 | | | | | | | 5.7 | 8.3 |
| WNW | .3 | .9 | 1.3 | .6 | .0 | | | | | | | 3.1 | 7.6 |
| NW | .5 | .8 | .6 | .3 | .1 | | | | | | | 2.3 | 6.7 |
| NNW | .7 | 1.0 | .5 | .2 | .0 | | | | | | | 2.4 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.6 | |
| | 14.7 | 38.4 | 25.9 | 9.6 | .7 | .1 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 5939

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) — BIGGS AAF TX (EL PASO) (STATION NAME) — 72-79 (YEARS) — NOV (MONTH)

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 5.8 | 4.7 | 1.0 | | | | | | | | 14.2 | 6.3 |
| NNE | 2.6 | 6.7 | 3.1 | .1 | | | | | | | | 12.5 | 5.3 |
| NE | 1.5 | 5.8 | .7 | .1 | | | | | | | | 8.2 | 4.9 |
| ENE | 1.7 | 2.6 | .3 | .1 | | | | | | | | 4.7 | 4.5 |
| E | 1.1 | 2.1 | .6 | | | | | | | | | 3.8 | 4.8 |
| ESE | 1.1 | 1.9 | .3 | | | | | | | | | 3.3 | 4.1 |
| SE | 1.3 | 2.1 | 1.0 | | | | | | | | | 4.0 | 5.2 |
| SSE | .7 | 2.5 | 1.1 | .1 | | | | | | | | 4.5 | 5.6 |
| S | 1.0 | 3.3 | 2.1 | .3 | | | | | | | | 6.7 | 6.1 |
| SSW | .8 | 1.4 | .8 | .3 | | | | | | | | 3.3 | 5.9 |
| SW | .6 | 1.3 | 2.6 | .6 | | | | | | | | 5.0 | 7.6 |
| WSW | .1 | 1.3 | .8 | 1.4 | | | | | | | | 3.6 | 8.6 |
| W | .6 | .7 | 1.0 | 1.0 | .3 | .1 | | | | | | 3.6 | 9.7 |
| WNW | .7 | .6 | 1.0 | .8 | .1 | .4 | | | | | | 3.6 | 9.9 |
| NW | .8 | .8 | .8 | .6 | .1 | .3 | | | | | | 3.5 | 6.5 |
| NNW | .6 | 1.5 | 1.0 | | | | | | | | | 3.1 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.4 | |
| | 17.5 | 40.5 | 21.8 | 6.4 | .6 | .8 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 719

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)

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.2 | 6.4 | 4.3 | 1.2 | | | | | | | | 16.1 | 5.9 |
| NNE | 3.1 | 9.3 | 4.3 | .1 | | | | | | | | 16.8 | 5.3 |
| NE | 2.5 | 6.8 | .6 | | | | | | | | | 9.9 | 4.5 |
| ENE | 1.1 | 2.9 | .8 | | | | | | | | | 4.9 | 4.8 |
| E | 1.5 | 2.8 | .3 | .1 | | | | | | | | 4.7 | 4.6 |
| ESE | .6 | 2.6 | .6 | | | | | | | | | 3.7 | 5.0 |
| SE | 1.0 | 2.4 | .8 | | | | | | | | | 4.2 | 4.8 |
| SSE | .6 | 1.9 | 1.0 | | | | | | | | | 3.5 | 5.6 |
| S | .3 | 2.2 | 2.5 | .1 | | | | | | | | 5.1 | 6.8 |
| SSW | .6 | 1.8 | 1.9 | .3 | | | | | | | | 4.6 | 6.6 |
| SW | .4 | 1.2 | 1.7 | .7 | | | | | | | | 4.0 | 7.3 |
| WSW | .4 | .3 | 1.2 | .6 | | | | | | | | 2.5 | 7.8 |
| W | .1 | .3 | 1.1 | .8 | .3 | .4 | | | | | | 3.1 | 12.5 |
| WNW | .1 | .3 | .6 | .4 | .3 | .3 | | | | | | 1.9 | 12.1 |
| NW | .1 | 1.0 | 1.0 | .3 | | .3 | | | | | | 2.6 | 8.7 |
| NNW | .4 | .7 | .6 | | | | | | | | | 1.7 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.7 | |
| | 16.9 | 42.9 | 23.2 | 4.7 | .6 | 1.0 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (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 | 1.8 | 7.4 | 6.4 | 1.0 | | | | | | | | 16.5 | 5.3 |
| NNE | 2.2 | 8.7 | 6.4 | .3 | | | | | | | | 17.6 | 5.9 |
| NE | 1.9 | 4.7 | .7 | .1 | | | | | | | | 7.5 | 4.8 |
| ENE | 1.1 | 2.4 | .6 | | | | | | | | | 4.0 | 4.5 |
| E | 1.5 | 1.5 | .4 | .4 | | | | | | | | 3.9 | 5.4 |
| ESE | 1.0 | .8 | .6 | | | | | | | | | 2.4 | 4.6 |
| SE | .8 | 1.9 | .4 | .1 | | | | | | | | 3.3 | 5.2 |
| SSE | 1.0 | 2.4 | .8 | | | | | | | | | 4.2 | 5.1 |
| S | 1.1 | 3.2 | 2.6 | .1 | | | | | | | | 7.1 | 5.8 |
| SSW | .8 | 1.8 | 1.7 | .4 | | | | | | | | 4.7 | 6.6 |
| SW | .6 | .7 | 1.2 | .8 | .6 | | | | | | | 3.9 | 9.3 |
| WSW | .4 | 1.0 | .6 | .6 | .1 | | .1 | | | | | 2.8 | 8.7 |
| W | .1 | .6 | .6 | .8 | .7 | .3 | | | | | | 3.1 | 12.7 |
| WNW | .4 | .4 | .3 | .8 | .6 | | | | | | | 2.5 | 10.3 |
| NW | .6 | .1 | 1.0 | | | | | | | | | 1.7 | 5.9 |
| NNW | .4 | 1.1 | .3 | | | | | | | | | 1.8 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.1 | |
| | 15.8 | 38.7 | 24.4 | 5.6 | 1.9 | .3 | .1 | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM 0-8-5 (OL-A) JUL 64 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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 5.1 | 5.3 | .6 | | | | | | | | 12.2 | 6.5 |
| NNE | 2.2 | 4.9 | 4.6 | .8 | | | | | | | | 12.5 | 6.3 |
| NE | 1.5 | 3.1 | .8 | .4 | | | | | | | | 5.8 | 5.3 |
| ENE | 1.4 | 1.4 | .3 | .1 | | | | | | | | 3.2 | 4.5 |
| E | 1.1 | 1.9 | 1.2 | .3 | | | | | | | | 4.6 | 5.8 |
| ESE | .8 | 1.4 | 1.2 | .1 | | | | | | | | 3.6 | 5.9 |
| SE | 1.0 | 2.5 | 1.1 | .3 | | | | | | | | 4.9 | 5.5 |
| SSE | .8 | 2.2 | 1.0 | .3 | | | | | | | | 4.3 | 5.6 |
| S | .4 | 5.8 | 3.1 | .3 | | | | | | | | 9.6 | 6.2 |
| SSW | 1.3 | 3.5 | 1.7 | .6 | | | | | | | | 6.7 | 6.3 |
| SW | .7 | 1.8 | 2.5 | 1.7 | .1 | | | | | | | 6.8 | 8.2 |
| WSW | .7 | .7 | 1.9 | 1.1 | .1 | .3 | .1 | .1 | | | | 5.1 | 10.6 |
| W | .7 | .1 | 2.2 | 2.5 | 1.2 | | .1 | | | | | 6.9 | 12.1 |
| WNW | .1 | .8 | .8 | 1.1 | .6 | .3 | | | | | | 3.7 | 11.6 |
| NW | .3 | .3 | .6 | | | | | | | | | 1.1 | 6.3 |
| NNW | .3 | 1.3 | .3 | .3 | | | | | | | | 1.8 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.1 | |
| | 14.3 | 36.5 | 28.6 | 10.4 | 2.1 | .6 | .3 | .1 | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) HIGGS AAF TX (FL PA30) (STATION NAME) 72-79 (YEARS) NOV (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 | 1.8 | 1.9 | 2.1 | .6 | | | | | | | | 6.4 | 5.9 |
| NNE | .8 | 2.2 | 1.9 | .6 | | | | | | | | 5.6 | 6.5 |
| NE | 1.1 | 2.4 | .8 | | | | | | | | | 4.3 | 5.0 |
| ENE | .3 | 1.7 | 1.0 | .3 | | | | | | | | 3.2 | 6.4 |
| E | .3 | 1.5 | 1.8 | .4 | | | | | | | | 4.0 | 7.0 |
| ESE | 1.2 | 1.5 | 1.4 | .3 | | | | | | | | 4.4 | 5.7 |
| SE | .4 | 2.5 | 1.8 | .4 | | | | | | | | 5.1 | 6.5 |
| SSE | 1.4 | 1.1 | 1.0 | .3 | | | | | | | | 3.7 | 5.7 |
| S | 1.2 | 3.7 | 2.8 | .1 | | | | | | | | 7.9 | 5.7 |
| SSW | 1.4 | 2.4 | 1.7 | 1.0 | .4 | | | | | | | 6.8 | 7.3 |
| SW | 1.7 | 2.2 | 3.7 | 2.6 | .4 | | | | | | | 10.7 | 8.4 |
| WSW | .7 | 1.9 | 3.3 | 3.1 | .7 | | | | | | | 9.7 | 9.5 |
| W | .7 | 1.8 | 4.0 | 5.4 | .8 | .4 | | | | | | 13.2 | 10.9 |
| WNW | .6 | 1.1 | 1.9 | 1.8 | .4 | .6 | | | | | | 6.4 | 10.8 |
| NW | | 1.1 | 1.0 | .4 | .1 | | | | | | | 2.6 | 8.1 |
| NNW | .3 | .4 | .4 | .3 | | | | | | | | 1.4 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 13.9 | 29.6 | 30.7 | 17.5 | 2.9 | 1.0 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) — BIGGS AAF TX (EL PASO) (STATION NAME) — 72-79 (YEARS) — NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 4.3 | 2.4 | .4 | | | | | | | | 8.3 | 5.6 |
| NNE | 1.4 | 1.5 | 1.7 | .1 | | | | | | | | 4.3 | 5.9 |
| NE | .8 | 1.7 | .3 | .1 | | | | | | | | 2.9 | 5.0 |
| ENE | .8 | .8 | .4 | .6 | | | | | | | | 2.6 | 6.5 |
| E | .8 | 2.2 | 1.9 | .6 | | | | | | | | 5.6 | 6.8 |
| ESE | .3 | .8 | 1.8 | 1.0 | | | | | | | | 3.9 | 8.5 |
| SE | 1.8 | 1.2 | 1.0 | .3 | | | | | | | | 4.3 | 5.1 |
| SSE | .4 | 1.3 | .6 | .1 | | | | | | | | 2.9 | 6.0 |
| S | .7 | 2.2 | .3 | | | | | | | | | 3.2 | 4.2 |
| SSW | .6 | 1.7 | 1.4 | .6 | | .1 | | | | | | 4.3 | 7.6 |
| SW | 1.7 | 2.8 | 4.0 | 1.8 | .4 | .1 | | | | | | 10.8 | 7.9 |
| WSW | .6 | 3.1 | 3.2 | 2.5 | .4 | .3 | | | | | | 10.0 | 9.2 |
| W | .7 | 1.7 | 4.2 | 5.4 | 2.8 | .3 | | | | | | 15.0 | 11.6 |
| WNW | .1 | 1.4 | 3.9 | 2.8 | .1 | .3 | | | | | | 8.6 | 9.9 |
| NW | | 1.2 | 1.2 | .4 | .3 | | | | | | | 3.2 | 6.3 |
| NNW | .1 | .6 | .6 | | | | | | | | | 1.2 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.7 | |
| | 11.7 | 29.0 | 28.7 | 16.7 | 4.0 | 1.1 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 720

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)

23044 (STATION) BIGGS AAF TX (EL PA,O) (STATION NAME) 72-79 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1620-2000 (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 | 1.4 | 6.7 | 1.2 | 1.0 | .1 | | | | | | | 10.4 | 6.[illegible] |
| NNE | 1.2 | 4.2 | 1.8 | | | | | | | | | 7.2 | 5.[illegible] |
| NE | 1.2 | 4.2 | .2 | | | | | | | | | 6.0 | 5.0 |
| ENE | 1.3 | 2.4 | 1.0 | .3 | | | | | | | | 4.6 | 5.[illegible] |
| E | 1.5 | 3.3 | 2.5 | .[illegible] | | | | | | | | 7.9 | 6.1 |
| ESE | .6 | 1.7 | .8 | .3 | | | | | | | | 3.5 | 6.1 |
| SE | 1.4 | 2.2 | .6 | | | | | | | | | 4.2 | 4.2 |
| SSE | .1 | 2.2 | 1.2 | | | | | | | | | 3.6 | 5.5 |
| S | .8 | 3.9 | 1.8 | | | | | | | | | 6.5 | 5.6 |
| SSW | .4 | 3.3 | 1.0 | .3 | .1 | | | | | | | 5.1 | 6.3 |
| SW | .1 | 2.6 | 2.5 | 1.1 | .3 | | | | | | | 6.7 | 8.1 |
| WSW | .7 | 1.4 | 1.4 | .8 | .1 | .1 | | | | | | 4.6 | 7.6 |
| W | .[illegible] | 1.[illegible] | 1.0 | 2.9 | .9 | .8 | | | | | | 7.1 | 12.4 |
| WNW | .[illegible] | 1.1 | 3.6 | 1.7 | .7 | .1 | | | | | | 7.5 | 10.2 |
| NW | .4 | 1.1 | .6 | 1.0 | .1 | | | | | | | 3.2 | 8.0 |
| NNW | .3 | 1.4 | .7 | .1 | | | | | | | | 2.5 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.3 | |
| | 12.1 | 42.6 | 22.8 | 9.7 | 2.4 | 1.1 | | | | | | 130.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM 0-8-5 (OL-A) JUL 64 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)

23044 (STATION) — IGGS AAF TX (EL PASO) (STATION NAME) — 72-74 (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 | 1.5 | 7.2 | 4.2 | .6 | .1 | | | | | | | 13.9 | 6.2 |
| NNE | 2.5 | 6.8 | 2.1 | .6 | | | | | | | | 11.9 | 5.4 |
| NE | 1.1 | 4.6 | 1.2 | | | | | | | | | 6.9 | 5.0 |
| ENE | 1.7 | 3.5 | .6 | .3 | | | | | | | | 6.0 | 5.0 |
| E | 1.2 | 3.2 | 1.0 | .1 | | | | | | | | 5.6 | 5.2 |
| ESE | 1.1 | 1.5 | .3 | | | | | | | | | 2.9 | 4.3 |
| SE | 1.1 | 2.6 | .6 | | | | | | | | | 4.3 | 4.7 |
| SSE | .1 | 1.9 | .8 | .1 | | | | | | | | 3.1 | 6.0 |
| S | .7 | 3.5 | 1.4 | .3 | | | | | | | | 5.8 | 5.9 |
| SSW | .7 | 1.4 | 1.1 | .4 | | | | | | | | 3.6 | 6.4 |
| SW | .4 | 1.5 | 2.4 | .8 | | | | | | | | 5.1 | 7.7 |
| WSW | | .6 | 1.8 | 1.4 | | | | | | | | 3.7 | 9.7 |
| W | .4 | .4 | 2.2 | 1.9 | .4 | .1 | | | | | | 5.6 | 11.0 |
| WNW | .4 | .2 | 2.1 | 1.0 | .4 | .1 | | | | | | 4.9 | 9.6 |
| NW | .6 | .7 | .8 | .7 | | | | | | | | 3.1 | 7.0 |
| NNW | 1.0 | 1.0 | .8 | .1 | .1 | | | | | | | 3.1 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.6 | |
| | 14.9 | 41.2 | 23.3 | 8.6 | 1.1 | .2 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM 0-8-5 (OL-A) JUL 64 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)

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | NOV (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 | 2.2 | 5.6 | 3.8 | .8 | .0 | | | | | | | 12.3 | 6.1 |
| NNE | 2.2 | 5.5 | 3.2 | .3 | | | | | | | | 11.1 | 5.7 |
| NE | 1.4 | 4.2 | .7 | .1 | | | | | | | | 6.4 | 4.9 |
| ENE | 1.1 | 2.2 | .6 | .2 | | | | | | | | 4.2 | 5.1 |
| E | 1.1 | 2.3 | 1.3 | .3 | | | | | | | | 5.0 | 5.7 |
| ESE | .9 | 1.5 | .9 | .2 | | | | | | | | 3.5 | 5.6 |
| SE | 1.1 | 2.2 | .9 | .1 | | | | | | | | 4.3 | 5.3 |
| SSE | .6 | 2.0 | .9 | .1 | | | | | | | | 3.7 | 5.6 |
| S | .8 | 3.5 | 2.1 | .2 | | | | | | | | 6.5 | 5.9 |
| SSW | .8 | 2.2 | 1.4 | .5 | .1 | .0 | | | | | | 4.9 | 6.7 |
| SW | .9 | 1.8 | 2.6 | 1.3 | .2 | .0 | | | | | | 6.6 | 8.1 |
| WSW | .5 | 1.3 | 1.8 | 1.4 | .2 | .1 | .0 | .0 | | | | 5.3 | 9.2 |
| W | .5 | .8 | 2.0 | 2.6 | .9 | .3 | .0 | | | | | 7.2 | 11.6 |
| WNW | .3 | .8 | 1.8 | 1.3 | .4 | .3 | | | | | | 4.9 | 10.4 |
| NW | .4 | .5 | .9 | .4 | .1 | .1 | | | | | | 2.6 | 7.8 |
| NNW | .6 | 1.0 | .6 | .1 | .0 | | | | | | | 2.1 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.5 | |
| | 14.6 | 37.6 | 25.5 | 9.9 | 1.9 | .8 | .1 | .0 | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 5759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

2[illegible]44 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | DEC MONTH

ALL WEATHER CLASS | 0000-0400 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 | 5.1 | 3.9 | 1.1 | | | | | | | | 12.4 | 6.2 |
| NNE | 3.1 | 9.0 | .3 | .1 | | | | | | | | 14.6 | 4.8 |
| NE | 2.7 | 4.3 | .9 | .1 | | | | | | | | 8.1 | 4.6 |
| ENE | 1.3 | 2.8 | .5 | | | | | | | | | 4.7 | 4.7 |
| E | 1.5 | 3.6 | .5 | .3 | | | | | | | | 5.9 | 5.0 |
| ESE | .7 | .8 | .1 | | | | | | | | | 1.6 | 4.3 |
| SE | .9 | 2.2 | .5 | | | | | | | | | 3.[illegible] | 4.9 |
| SSE | | .9 | 1.2 | | | | | | | | | 2.[illegible] | 6.5 |
| S | 1.2 | 2.4 | 3.5 | .1 | | | | | | | | 7.3 | 6.1 |
| SSW | .8 | 2.3 | 1.8 | .5 | .1 | | | | | | | 5.5 | 6.7 |
| SW | 1.2 | 1.1 | 1.5 | .5 | .1 | .1 | | | | | | 4.6 | 7.6 |
| WSW | .4 | .7 | .8 | .5 | .1 | .1 | | | | | | 2.7 | 9.5 |
| W | | .9 | .8 | 1.3 | .1 | .1 | .1 | | | | | 3.4 | 11.6 |
| WNW | .4 | .7 | 1.1 | 1.8 | 1.5 | .4 | | | | | | 5.8 | 12.9 |
| NW | .8 | .5 | .4 | .5 | .3 | | | | | | | 2.6 | 8.0 |
| NNW | .7 | .7 | .3 | | | | | | | | | 1.6 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.5 | |
| | 18.1 | 38.0 | 20.2 | 7.0 | 2.3 | .8 | .1 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 742

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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (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 | 2.3 | 5.5 | 6.3 | .8 | | | | | | | | 14.9 | 6.4 |
| NNE | 3.9 | 10.3 | 3.6 | | | | | | | | | 17.9 | 5.1 |
| NE | 2.4 | 4.3 | .7 | | | | | | | | | 7.4 | 4.5 |
| ENE | 2.0 | 2.4 | .5 | | | | | | | | | 5.0 | 4.3 |
| E | 1.3 | 1.2 | .7 | | .1 | | | | | | | 3.4 | 5.0 |
| ESE | .8 | .9 | .7 | .1 | | | | | | | | 2.6 | 5.4 |
| SE | .9 | 1.7 | .7 | | | | | | | | | 3.4 | 4.7 |
| SSE | .3 | 2.0 | 1.5 | .1 | | | | | | | | 3.9 | 6.4 |
| S | 1.1 | 2.7 | 2.2 | .1 | | | | | | | | 6.0 | 5.9 |
| SSW | .5 | 1.7 | 1.1 | | | | | | | | | 3.4 | 5.6 |
| SW | .7 | 1.2 | .8 | .9 | | | | | | | | 3.6 | 7.5 |
| WSW | .1 | 1.2 | .7 | .5 | | .1 | | | | | | 2.7 | 8.7 |
| W | .3 | .4 | .7 | 1.1 | .3 | .5 | | | | | | 3.2 | 12.3 |
| WNW | .3 | .3 | .7 | 1.9 | .9 | .4 | | | | | | 4.4 | 13.6 |
| NW | | .3 | | .9 | | | | | | | | 1.2 | 11.0 |
| NNW | .4 | .8 | .4 | | | | | | | | | 1.6 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.5 | |
| | 17.3 | 37.1 | 21.1 | 6.6 | 1.3 | 1.1 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 744

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)

23044 (STATION) — BIGGS AAF TX (EL PASO) (STATION NAME) — 72-79 (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 | 2.4 | 6.9 | 5.4 | 1.3 | | | | | | | | 16.0 | 6.4 |
| NNE | 3.1 | 7.8 | 3.9 | | | | | | | | | 14.8 | 5.2 |
| NE | 2.4 | 4.4 | 1.7 | | | | | | | | | 8.6 | 4.8 |
| ENE | 1.5 | 1.6 | .7 | .4 | | | | | | | | 4.2 | 5.5 |
| E | 1.1 | 2.2 | .1 | | | | | | | | | 3.4 | 4.0 |
| ESE | .7 | .8 | .1 | .1 | | | | | | | | 1.7 | 4.9 |
| SE | 1.2 | 2.2 | .4 | | | | | | | | | 3.6 | 4.4 |
| SSE | .3 | .9 | 1.5 | .1 | | | | | | | | 2.8 | 6.5 |
| S | .7 | 2.0 | 3.9 | .3 | | | | | | | | 6.9 | 6.9 |
| SSW | 1.1 | .8 | 1.2 | .3 | | | | | | | | 3.4 | 6.0 |
| SW | .5 | .8 | .5 | .4 | | | | | | | | 2.3 | 6.9 |
| WSW | .4 | .7 | 1.1 | .1 | | .3 | | | | | | 2.6 | 8.7 |
| W | .5 | .9 | 1.5 | 1.1 | .7 | .4 | | | | | | 5.1 | 10.8 |
| WNW | .3 | .5 | .8 | .9 | .8 | | | | | | | 3.4 | 10.8 |
| NW | .4 | .3 | .3 | .1 | .1 | | | | | | | 1.2 | 7.4 |
| NNW | .3 | .1 | .4 | | | | | | | | | .8 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.2 | |
| | 16.8 | 32.9 | 23.5 | 5.2 | 1.6 | .7 | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) FIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 5.5 | 5.8 | 2.0 | .1 | | | | | | | 15.2 | 7.0 |
| NNE | 2.0 | 5.0 | 5.0 | 1.3 | | | | | | | | 13.3 | 6.6 |
| NE | 1.7 | 2.2 | .9 | | | | | | | | | 4.8 | 4.7 |
| ENE | 1.2 | 1.9 | .3 | .3 | .1 | | | | | | | 3.8 | 5.6 |
| E | 1.1 | 1.6 | .7 | | .1 | | | | | | | 3.5 | 5.2 |
| ESE | .7 | 1.1 | .5 | | | | | | | | | 2.3 | 5.0 |
| SE | 1.3 | .9 | .4 | .1 | | | | | | | | 2.8 | 4.7 |
| SSE | .7 | .7 | 1.1 | .4 | | | | | | | | 2.8 | 6.9 |
| S | 1.7 | 3.5 | 3.8 | 1.2 | .3 | | | | | | | 10.5 | 7.0 |
| SSW | 1.6 | 1.7 | 2.2 | .9 | | | | | | | | 6.5 | 6.5 |
| SW | 1.1 | 1.3 | .9 | 1.5 | .1 | | | | | | | 5.0 | 8.2 |
| WSW | .3 | .4 | 1.5 | 3.0 | .4 | | .1 | .1 | | | | 5.8 | 12.1 |
| W | .7 | .4 | .0 | 2.3 | 1.3 | .3 | | | | | | 5.9 | 12.5 |
| WNW | .3 | .3 | .4 | 1.7 | .4 | | | | | | | 3.1 | 12.2 |
| NW | .4 | .3 | .4 | .1 | | | .1 | | | | | 1.3 | 8.5 |
| NNW | .5 | .7 | .7 | | | | | | | | | 1.9 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.6 | |
| | 17.1 | 27.4 | 25.4 | 14.9 | 3.0 | .3 | .3 | .1 | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (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 | 1.3 | 5.1 | 3.4 | .7 | | | | | | | | 10.5 | 6.3 |
| NNE | 1.1 | 2.6 | 3.0 | 1.2 | .4 | | | | | | | 8.2 | 7.7 |
| NE | .5 | 2.0 | 1.1 | .1 | | | | | | | | 3.8 | 5.6 |
| ENE | .3 | .9 | .8 | .3 | .3 | | | | | | | 2.6 | 8.3 |
| E | .9 | 1.2 | .4 | .3 | .3 | | | | | | | 3.1 | 6.4 |
| ESE | .7 | .7 | .4 | .3 | | | | | | | | 2.0 | 5.9 |
| SE | .9 | 1.3 | .5 | .4 | | | | | | | | 3.2 | 5.9 |
| SSE | .9 | .7 | .5 | .1 | | | | | | | | 2.3 | 5.2 |
| S | 1.5 | 2.4 | 1.5 | .1 | | | | | | | | 5.5 | 5.5 |
| SSW | 1.5 | 3.9 | 3.0 | .4 | .1 | | | | | | | 8.9 | 6.2 |
| SW | .8 | 2.5 | 4.0 | 3.9 | .3 | .1 | | | | | | 12.0 | 9.0 |
| WSW | .8 | 1.2 | 2.6 | 2.7 | .8 | .3 | .1 | | | | | 8.5 | 10.7 |
| W | .7 | .9 | 2.6 | 4.2 | 1.7 | .9 | .1 | .3 | | | | 11.4 | 13.3 |
| WNW | .3 | 1.7 | 1.2 | 1.7 | .5 | .7 | | | | | | 6.2 | 11.4 |
| NW | .4 | .9 | .9 | 1.2 | | .1 | | | | | | 3.6 | 8.9 |
| NNW | .3 | .5 | .9 | .7 | | | | | | | | 2.7 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.6 | |
| | 13.2 | 29.0 | 26.7 | 18.3 | 4.4 | 2.2 | .3 | .3 | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 (STATION) — BIGGS AAF TX (EL PASO) (STATION NAME) — 72-79 (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 | 1.5 | 3.6 | 3.6 | .7 | | | | | | | | 9.4 | 6.6 |
| NNE | 1.5 | 3.2 | 2.0 | .7 | .4 | | | | | | | 7.8 | 6.7 |
| NE | .9 | 1.9 | 1.3 | .3 | | | | | | | | 4.4 | 6.0 |
| ENE | .8 | 1.2 | 1.1 | .1 | | | | | | | | 3.2 | 6.0 |
| E | .9 | .8 | 1.1 | .5 | .1 | | | | | | | 3.5 | 7.2 |
| ESE | .5 | .7 | 1.3 | .4 | | | | | | | | 3.0 | 7.2 |
| SE | 1.1 | .7 | .4 | | | | | | | | | 2.2 | 4.6 |
| SSE | .1 | .5 | .4 | .1 | | | | | | | | 1.2 | 6.9 |
| S | .7 | 2.2 | .7 | | | | | | | | | 3.5 | 5.2 |
| SSW | .8 | 3.8 | 1.7 | .5 | | | | | | | | 6.9 | 6.0 |
| SW | .8 | 3.2 | 4.8 | 1.9 | .1 | .1 | | | | | | 11.0 | 8.0 |
| WSW | .3 | 1.3 | 4.4 | 2.8 | .8 | .7 | .3 | | | | | 10.6 | 11.4 |
| W | .4 | .9 | 4.4 | 3.0 | 2.2 | .7 | | | | | | 11.6 | 12.1 |
| WNW | .3 | .7 | 1.5 | 1.9 | .8 | .7 | | | | | | 5.8 | 12.7 |
| NW | .5 | 1.6 | .8 | .8 | | .3 | | | | | | 4.0 | 7.9 |
| NNW | .3 | .9 | 1.1 | .4 | | | | | | | | 2.7 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.3 | |
| | 11.4 | 27.3 | 30.8 | 14.1 | 4.4 | 2.4 | .3 | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 744

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)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (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 | 1.9 | 7.0 | 2.7 | .7 | | | | | | | | 12.2 | 5.8 |
| NNE | 2.3 | 3.8 | 2.0 | .1 | | | | | | | | 8.2 | 5.3 |
| NE | .7 | 3.0 | .8 | .7 | | | | | | | | 5.1 | 6.2 |
| ENE | .5 | 2.3 | .7 | .3 | | | | | | | | 3.8 | 5.6 |
| E | .5 | 1.3 | 1.2 | .4 | | | | | | | | 3.5 | 6.8 |
| ESE | 1.1 | 1.1 | .5 | .1 | | | | | | | | 2.8 | 5.1 |
| SE | 1.1 | 1.7 | .5 | .1 | | | | | | | | 3.5 | 4.7 |
| SSE | .9 | 2.3 | .9 | .1 | | | | | | | | 4.3 | 5.6 |
| S | .8 | 3.5 | 1.7 | | | | | | | | | 6.1 | 5.7 |
| SSW | .8 | 3.6 | 1.2 | .1 | | | | | | | | 5.8 | 5.5 |
| SW | .8 | 3.6 | 1.7 | .5 | | | | | | | | 6.7 | 6.3 |
| WSW | 1.2 | 1.1 | 1.5 | 1.5 | .8 | .3 | .1 | .1 | | | | 6.6 | 10.8 |
| W | .3 | 1.3 | 1.7 | 2.0 | 1.1 | .7 | | | | | | 7.1 | 12.0 |
| WNW | .7 | .5 | 1.7 | 1.7 | .8 | .7 | | | | | | 6.2 | 12.2 |
| NW | .5 | .0 | 1.2 | .5 | .3 | | | | | | | 3.5 | 8.0 |
| NNW | .9 | .0 | .7 | .5 | | | | | | | | 3.1 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.4 | |
| | 15.1 | 38.1 | 21.0 | 9.6 | 3.0 | 1.6 | .1 | .1 | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23046 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 5.6 | 5.1 | .5 | | | | | | | | 14.3 | 6.2 |
| NNE | 3.5 | 4.4 | 2.6 | .1 | | | | | | | | 10.6 | 5.1 |
| NE | 1.7 | 3.9 | .4 | .1 | | | | | | | | 6.2 | 4.5 |
| ENE | .8 | 2.4 | .3 | .3 | | | | | | | | 3.8 | 5.0 |
| E | 1.3 | 2.2 | 1.2 | .3 | | | | | | | | 5.0 | 5.6 |
| ESE | 1.1 | 2.0 | .5 | | | | | | | | | 3.6 | 4.7 |
| SE | .8 | 2.3 | .5 | | | | | | | | | 3.6 | 4.8 |
| SSE | .4 | 1.2 | .7 | .3 | | | | | | | | 2.6 | 5.9 |
| S | .9 | 2.8 | 2.8 | .3 | | | | | | | | 6.9 | 6.2 |
| SSW | .9 | 2.4 | 1.3 | .5 | | | | | | | | 5.2 | 6.2 |
| SW | .7 | 1.5 | 2.3 | 1.3 | | .1 | | | | | | 5.9 | 8.1 |
| WSW | .1 | .2 | 1.3 | 1.7 | .1 | | | | | | | 4.2 | 9.7 |
| W | .4 | 1.1 | 1.2 | 1.5 | .8 | .9 | | | | | | 5.9 | 12.5 |
| WNW | .3 | .5 | 1.1 | 2.0 | .9 | .4 | | | | | | 5.2 | 13.1 |
| NW | .3 | .7 | .4 | .3 | .3 | | | | | | | 1.9 | 8.9 |
| NNW | .5 | 1.3 | .9 | .4 | .1 | | | | | | | 3.4 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.1 | |
| | 16.5 | 35.2 | 22.7 | 9.7 | 2.3 | 1.5 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 744

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)

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (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 | 2.9 | 5.5 | 4.5 | 1.0 | .0 | | | | | | | 13.1 | 6.4 |
| NNE | 2.6 | 5.8 | 3.0 | .5 | .1 | | | | | | | 11.9 | 5.6 |
| NE | 1.6 | 3.2 | 1.6 | .2 | | | | | | | | 6.1 | 5.0 |
| ENE | 1.1 | 1.9 | .6 | .2 | .1 | | | | | | | 3.9 | 5.4 |
| E | 1.1 | 1.8 | .7 | .2 | .1 | | | | | | | 3.9 | 5.6 |
| ESE | .8 | 1.0 | .5 | .1 | | | | | | | | 2.5 | 5.4 |
| SE | 1.0 | 1.6 | .5 | .1 | | | | | | | | 3.3 | 4.8 |
| SSE | .5 | 1.2 | 1.0 | .2 | | | | | | | | 2.9 | 6.2 |
| S | 1.1 | 2.7 | 2.5 | .3 | .0 | | | | | | | 6.6 | 6.2 |
| SSW | 1.0 | 2.5 | 1.7 | .4 | .0 | | | | | | | 5.7 | 6.1 |
| SW | .8 | 1.9 | 2.1 | 1.4 | .1 | .1 | | | | | | 6.4 | 7.9 |
| WSW | .5 | .9 | 1.7 | 1.6 | .4 | .2 | .1 | .0 | | | | 5.4 | 10.7 |
| W | .4 | .9 | 1.7 | 2.1 | 1.0 | .6 | .0 | .0 | | | | 6.7 | 12.3 |
| WNW | .3 | .7 | 1.1 | 1.7 | .8 | .4 | | | | | | 5.0 | 12.4 |
| NW | .4 | .7 | .6 | .6 | .1 | .1 | .0 | | | | | 2.4 | 8.4 |
| NNW | .5 | .8 | .7 | .3 | .0 | | | | | | | 2.2 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 15.7 | 33.1 | 23.9 | 10.7 | 2.8 | 1.3 | .1 | .1 | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 5949

USAFETAC FORM JUL 66 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)

23044 (STATION) | RIGGS AAF TX (EL PASO) (STATION NAME) | 72-80 (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 | 1.4 | 3.0 | 3.0 | .9 | .2 | .0 | | | | | | 9.2 | 6.5 |
| NNE | 1.2 | 3.6 | 1.8 | .4 | .0 | .0 | | | | | | 7.2 | 5.8 |
| NE | 1.2 | 2.8 | .9 | .3 | .1 | .0 | | | | | | 5.3 | 5.6 |
| ENE | .8 | 1.9 | .8 | .3 | .1 | .0 | .0 | | | | | 3.8 | 6.2 |
| E | .9 | 2.1 | 1.6 | .8 | .1 | .0 | | | | | | 5.5 | 7.1 |
| ESE | .6 | 1.9 | 1.5 | .7 | .0 | .0 | .0 | | | | | 4.9 | 6.9 |
| SE | .9 | 2.4 | 1.0 | .5 | .0 | .0 | | | | | | 5.7 | 6.5 |
| SSE | .5 | 1.9 | 1.7 | .4 | .0 | .0 | | | | | | 4.6 | 6.7 |
| S | .9 | 3.6 | 3.2 | .5 | .0 | .0 | .0 | | | | | 8.3 | 6.6 |
| SSW | .6 | 2.0 | 1.8 | .5 | .1 | .0 | .0 | | | | | 5.1 | 7.1 |
| SW | .6 | 1.9 | 2.5 | 1.4 | .2 | .1 | .0 | .0 | | | | 6.7 | 8.4 |
| WSW | .4 | 1.2 | 2.0 | 2.0 | .5 | .2 | .0 | .0 | | | | 6.5 | 10.5 |
| W | .4 | 1.2 | 2.5 | 3.0 | 1.0 | .5 | .1 | .0 | .0 | | | 8.6 | 11.6 |
| WNW | .3 | .8 | 1.5 | 1.6 | .6 | .3 | .0 | .0 | | | | 5.1 | 11.3 |
| NW | .4 | .8 | .8 | .4 | .2 | .1 | .0 | .0 | | | | 2.7 | 9.6 |
| NNW | .4 | .8 | .6 | .2 | .0 | .0 | | | | | | 2.0 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.8 | |
| | 11.8 | 32.9 | 28.0 | 14.0 | 3.2 | 1.2 | .2 | .0 | .0 | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 70076

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 72-80 YEARS | ALL MONTH

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

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, CONDITION
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 6.7 | 8.8 | 3.2 | .3 | .2 | | | | | | 20.0 | 8.2 |
| NNE | 2.3 | 5.3 | 4.3 | 1.8 | | .2 | | | | | | 14.0 | 6.9 |
| NE | 1.2 | 3.0 | 2.3 | 1.2 | .5 | .2 | | | | | | 8.3 | 7.7 |
| ENE | .3 | 1.7 | 1.2 | .3 | | .2 | | | | | | 3.7 | 7.4 |
| E | 1.0 | 1.0 | 1.5 | 1.0 | .3 | | | | | | | 4.8 | 8.0 |
| ESE | | .5 | 1.2 | | .2 | | | | | | | 1.8 | 8.3 |
| SE | 1.2 | 1.0 | 1.2 | | | | | | | | | 3.3 | 5.1 |
| SSE | .8 | 1.7 | 1.0 | .5 | | | | | | | | 4.0 | 6.0 |
| S | 1.0 | 3.8 | 2.5 | | | | | | | | | 7.3 | 6.0 |
| SSW | .5 | 1.8 | .8 | | .2 | .7 | .3 | | | | | 4.3 | 10.8 |
| SW | .3 | .5 | .7 | .2 | .2 | .5 | | | | | | 2.3 | 10.9 |
| WSW | | .5 | .2 | 1.2 | | .2 | .8 | .8 | | | | 4.0 | 20.4 |
| W | .2 | .2 | .2 | 1.0 | .5 | 1.3 | 1.3 | .5 | .2 | | | 5.3 | 23.2 |
| WNW | .5 | .2 | .2 | .2 | .3 | | | .2 | | | | 1.5 | 12.0 |
| NW | .2 | .5 | .2 | .2 | .3 | .3 | .2 | .3 | | | | 2.2 | 17.2 |
| NNW | 1.2 | .7 | .9 | | | | | | | | | 2.7 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.2 | |
| | 12.2 | 26.7 | 27.0 | 10.7 | 2.8 | 3.7 | 2.7 | 1.8 | .2 | | | 100.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS 599

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.

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 | ≥ ½ | ≥ ⅜ | ≥ 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%.



AFM 29963

## 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.

# CEILING VERSUS VISIBILITY

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

3 44 STATION | [illegible] AAF EX (EL PASO) STATION NAME | 73-83 YEARS | JAN MONTH

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

[illegible]=1330 HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | [illegible] | 69.7 | 69.7 | 69.9 | 69.9 | [illegible] | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 20000 | [illegible] | 75.1 | 75.1 | 75.1 | 75.1 | [illegible] | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 18000 | [illegible] | 75.5 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 16000 | [illegible] | 77.1 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 14000 | [illegible] | 79.9 | 80.1 | 80.2 | 80.2 | [illegible] | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 12000 | [illegible] | 81.5 | 82.1 | 82.1 | 82.1 | [illegible] | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 10000 | [illegible] | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 9000 | [illegible] | 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 |
| ≥ 8000 | [illegible] | 84.7 | 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 |
| ≥ 7000 | [illegible] | 85.6 | 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 |
| ≥ 6000 | [illegible] | 86.7 | 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 |
| ≥ 5000 | [illegible] | 87.2 | 87.4 | 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 |
| ≥ 4500 | [illegible] | 91.8 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 4000 | [illegible] | 93.4 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 3500 | [illegible] | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 3000 | [illegible] | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 2500 | [illegible] | 95.8 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 2000 | [illegible] | 97.1 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1800 | [illegible] | 97.4 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1500 | [illegible] | 97.8 | 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 | 98.8 |
| ≥ 1200 | [illegible] | 98.1 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | [illegible] | 98.1 | 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 |
| ≥ 900 | [illegible] | 98.1 | 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 |
| ≥ 800 | [illegible] | 98.4 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | [illegible] | 98.4 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | [illegible] | 98.4 | 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 |
| ≥ 500 | [illegible] | 98.4 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | [illegible] | 98.4 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | [illegible] | 98.4 | 98.9 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | [illegible] | 98.4 | 98.9 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | [illegible] | 98.4 | 98.9 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 0 | [illegible] | 98.4 | 98.9 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 743

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

[illegible] CLIMATOLOGY BRANCH
[illegible] AFETAC
[illegible] WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] 64 | [illegible]65 AAF FX (EL PASO) | 73-80 | JAN
STATION | STATION NAME | YEARS | MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0600
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | [illegible]1.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 20000 | 76.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 18000 | 99.1 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 16000 | 97.1 | 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 |
| ≥ 14000 | 97.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 12000 | 91.4 | 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 | 78.4 |
| ≥ 10000 | 90.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 9000 | 87.3 | 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 |
| ≥ 8000 | 74.2 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 7000 | 65.3 | 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 |
| ≥ 6000 | 65.5 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 5000 | 64.8 | 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 | 87.9 |
| ≥ 4500 | 76.4 | 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 |
| ≥ 4000 | 71.4 | 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 |
| ≥ 3500 | 72.2 | 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 |
| ≥ 3000 | 73.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 2500 | 73.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 2000 | 74.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1800 | 75.1 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1500 | 75.1 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1200 | 75.3 | 97.3 | 97.3 | 97.4 | 97.7 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | 75.7 | 97.3 | 97.3 | 97.4 | 97.7 | 97.7 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 900 | 75.3 | 97.3 | 97.4 | 97.6 | 97.8 | 97.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 75.3 | 97.4 | 97.6 | 97.7 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 700 | 75.3 | 97.8 | 98.0 | 98.1 | 98.5 | 98.5 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 75.4 | 97.8 | 98.0 | 98.1 | 98.5 | 98.5 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 75.3 | 98.1 | 98.3 | 98.4 | 98.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 75.3 | 98.1 | 98.1 | 98.4 | 98.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 75.3 | 98.6 | 98.1 | 98.5 | 98.9 | 98.9 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 75.3 | 98.9 | 99.1 | 99.5 | 99.2 | 99.2 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 75.3 | 98.9 | 99.1 | 99.5 | 99.2 | 99.2 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 75.3 | 98.9 | 99.1 | 99.5 | 99.2 | 99.2 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

...L CLIM TOLOGY BRANCH
...AF ETAC
...WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

... STATION | ...CO AAF TX (EL PASO) STATION NAME | 73-85 YEARS | JAN MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | ...7.9 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.9 | 65.9 | 65.9 | 66.3 |
| ≥ 20000 | 67.4 | 73.3 | 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 | 74.5 |
| ≥ 18000 | 67.4 | 73.8 | 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 | 74.5 |
| ≥ 16000 | 67.4 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.6 |
| ≥ 14000 | 67.4 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.5 |
| ≥ 12000 | 71.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.6 |
| ≥ 10000 | 73.3 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.9 | 80.0 | 80.0 | 80.4 |
| ≥ 9000 | 74.4 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.4 | 80.4 | 80.4 | 80.8 |
| ≥ 8000 | 75.4 | 81.0 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 82.1 |
| ≥ 7000 | 76.9 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.7 |
| ≥ 6000 | 77.8 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.4 |
| ≥ 5000 | 80.9 | 87.9 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.8 | 87.8 | 87.8 | 88.2 |
| ≥ 4500 | 81.3 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.9 | 88.7 | 88.7 | 89.1 |
| ≥ 4000 | 87.1 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.7 | 89.7 | 90.1 |
| ≥ 3500 | 2.4 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 91.0 |
| ≥ 3000 | 93.1 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.5 |
| ≥ 2500 | 93.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 92.3 |
| ≥ 2000 | 9.6 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.9 |
| ≥ 1800 | 96.7 | 94.8 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.8 |
| ≥ 1500 | 96.7 | 95.3 | 95.6 | 95.8 | 95.8 | 95.8 | 96.2 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 97.0 |
| ≥ 1200 | 96.7 | 95.4 | 95.7 | 95.8 | 96.1 | 96.1 | 96.5 | 96.6 | 96.6 | 96.8 | 96.9 | 96.8 | 96.9 | 96.9 | 96.9 | 97.3 |
| ≥ 1000 | 96.7 | 95.7 | 96.1 | 96.3 | 96.3 | 96.9 | 97.6 | 97.7 | 97.7 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.7 |
| ≥ 900 | 96.7 | 95.8 | 96.1 | 96.3 | 96.9 | 97.3 | 97.7 | 97.8 | 97.8 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.8 |
| ≥ 800 | 96.7 | 95.8 | 96.1 | 96.5 | 96.9 | 97.3 | 97.7 | 97.8 | 97.8 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.8 |
| ≥ 700 | 96.7 | 96.0 | 96.2 | 96.6 | 97.0 | 97.2 | 97.8 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.9 |
| ≥ 600 | 96.7 | 96.1 | 96.3 | 96.6 | 97.0 | 97.2 | 97.9 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.9 |
| ≥ 500 | 96.7 | 96.1 | 96.4 | 96.9 | 97.2 | 97.3 | 98.0 | 98.1 | 98.1 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.2 |
| ≥ 400 | 96.7 | 96.4 | 96.6 | 97.2 | 97.4 | 97.6 | 98.3 | 98.4 | 98.4 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.5 |
| ≥ 300 | 96.7 | 96.4 | 96.8 | 97.2 | 97.6 | 97.8 | 98.5 | 98.7 | 98.7 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.7 |
| ≥ 200 | 96.7 | 96.4 | 96.6 | 97.2 | 97.6 | 97.6 | 98.5 | 98.7 | 98.7 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.9 |
| ≥ 100 | 96.7 | 96.4 | 96.6 | 97.2 | 97.6 | 97.8 | 98.5 | 98.7 | 98.7 | 99.1 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 100.0 |
| ≥ 0 | 96.7 | 96.4 | 96.6 | 97.2 | 97.6 | 97.6 | 98.5 | 98.7 | 98.7 | 99.1 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

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

# CEILING VERSUS VISIBILITY

44 | ...AFB TX (EL ...) | 73-82 | JAN
STATION | STATION NAME | YEARS | MONTH

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

0400-1100
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 5.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 20000 | 73.8 | 74.0 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 18000 | 73.4 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 16000 | 74.2 | 75.. | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 14000 | 75.9 | 75.. | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 12000 | 77. | 77.8 | 78.. | 78.0 | 7 .0 | 78.. | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 10000 | 7-.6 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 9000 | 7..2 | 80.4 | 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 |
| ≥ 8000 | 80.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 7000 | 1.2 | 82.4 | 82.. | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 6000 | 2.. | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 5000 | 85. | 87.0 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 4500 | 6.9 | 88.2 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 4000 | 88.7 | 90.5 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.. | 91.0 | 91.0 |
| ≥ 3500 | 89.1 | 91.3 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 3000 | 89.3 | 91.7 | 92.1 | 92.3 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 2500 | 91.. | 93.3 | 93.7 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 2000 | 92.8 | 95.2 | 95.6 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1800 | 2.9 | 95.4 | 95.8 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1500 | 92.9 | 95.4 | 95.9 | 96.4 | 96.5 | 96.6 | 96.8 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1200 | 93.3 | 95.8 | 96.. | 96.8 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | 93.3 | 95.8 | 96.7 | 96.8 | 96.9 | 97.2 | 97.6 | 97.8 | 97.8 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 900 | 93.3 | 95.9 | 96.2 | 96.8 | 96.9 | 97.2 | 97.6 | 97.8 | 97.8 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 800 | 93.4 | 96.0 | 96.3 | 96.9 | 97.0 | 97.3 | 97.7 | 98.. | 98.. | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 93.4 | 96.0 | 96.4 | 96.9 | 97.0 | 97.3 | 97.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 93.4 | 96.0 | 96.4 | 96.9 | 97.0 | 97.3 | 97.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 93.4 | 96.. | 96.4 | 96.9 | 97.0 | 97.3 | 97.8 | 98.1 | 98.1 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 93.4 | 96.1 | 96.5 | 97.0 | 97.2 | 97.4 | 98.0 | 98.3 | 98.3 | 98.9 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 300 | 93.4 | 96.1 | 96.5 | 97.0 | 97.2 | 97.8 | 98.4 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 93.4 | 96.1 | 96.5 | 97.0 | 97.2 | 97.8 | 98.4 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.9 |
| ≥ 100 | 93.4 | 96.1 | 96.5 | 97.0 | 97.2 | 97.8 | 98.4 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 100.0 |
| ≥ 0 | 93.4 | 96.1 | 96.5 | 97.0 | 97.2 | 97.8 | 98.4 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

...AL CLIMATOLOGY BRANCH
...FLTAC
A... FAT...R SERVICE/MAC

# CEILING VERSUS VISIBILITY

2 44 STATION | (13...5 AAF TX (EL PASO) STATION NAME | 73-8... YEARS | JAN MONTH

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

1200-1400 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 6...4 | 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 | 69.3 |
| ≥ 20000 | 74.9 | 75.0 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 18000 | 75.... | 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 | 76.7 | 76.7 |
| ≥ 16000 | 76.... | 76.9 | 77.1 | 77.1 | 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 | 76.7 | 77.5 | 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 |
| ≥ 12000 | 79.... | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 10000 | 81.8 | 81.9 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 9000 | 81.... | 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 | 82.2 |
| ≥ 8000 | 82.7 | 83.0 | 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 |
| ≥ 7000 | 83.... | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 6000 | 83.7 | 84.9 | 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 |
| ≥ 5000 | 86.9 | 86.4 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.8 | 86.9 | 86.9 | 86.9 |
| ≥ 4500 | 87.5 | 87.5 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 4000 | 88.5 | 89.0 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 3500 | 89.1 | 90.2 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 3000 | 91.1 | 93.0 | 93.8 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 2500 | 92.4 | 94.1 | 94.9 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 2000 | 94.2 | 96.2 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1800 | 94.2 | 96.2 | 97.1 | 97.2 | 97.3 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1500 | 94.3 | 96.9 | 97.4 | 98.0 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1200 | 94.8 | 96.9 | 97.8 | 98.0 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1000 | 94.9 | 97.2 | 98.1 | 98.3 | 98.4 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 900 | 94.9 | 97.2 | 98.1 | 98.3 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 800 | 94.9 | 97.2 | 98.1 | 98.3 | 98.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 94.9 | 97.2 | 98.1 | 98.4 | 98.5 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 94.9 | 97.2 | 98.1 | 98.4 | 98.5 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 94.9 | 97.2 | 98.1 | 98.4 | 98.5 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 94.9 | 97.2 | 98.1 | 98.4 | 98.7 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 94.9 | 97.2 | 98.1 | 98.4 | 98.8 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 94.9 | 97.2 | 98.1 | 98.4 | 98.8 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 94.9 | 97.2 | 98.1 | 98.4 | 98.8 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 94.9 | 97.2 | 98.1 | 98.4 | 98.8 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 743

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

...AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2... 44 | ...DS AAF TX (EL PASO) | 73-8... | JAN
STATION | STATION NAME | YEARS | MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1...0-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 20000 | 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 | 76.2 |
| ≥ 18000 | 76.2 | 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 | 76.7 | 76.7 |
| ≥ 16000 | 76.7 | 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 |
| ≥ 14000 | 78.1 | 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 |
| ≥ 12000 | 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 | 81.4 | 81.4 |
| ≥ 10000 | 1.8 | 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 |
| ≥ 9000 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 8000 | 3.3 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 7000 | 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 | 85.1 | 85.1 | 85.1 |
| ≥ 6000 | 87.3 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 5000 | 90.9 | 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 |
| ≥ 4500 | 91.5 | 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 |
| ≥ 4000 | 92.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 3500 | 93.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 3000 | 94.6 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 2500 | 95.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 2000 | 96.1 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1800 | 96.9 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1500 | 96.9 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1200 | 96.9 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 96.9 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 900 | 96.9 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 96.9 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 96.9 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 96.9 | 98.7 | 98.9 | 98.9 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 96.9 | 98.7 | 98.9 | 98.9 | 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 | 96.9 | 98.7 | 98.9 | 98.9 | 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 | 96.9 | 98.7 | 98.9 | 98.9 | 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 | 96.9 | 98.7 | 98.9 | 98.9 | 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 | 96.9 | 98.7 | 98.9 | 98.9 | 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 | 96.9 | 98.7 | 98.9 | 98.9 | 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 743

USAF ETAC FORM 10L 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF CLIMATOLOGY BRANCH
[illegible] SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JAN MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 61.4 | 69.0 | 69. | 69.3 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 20000 | 56.1 | 76.9 | 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 |
| ≥ 18000 | 64.4 | 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 | 78.2 | 78.2 |
| ≥ 16000 | 69.9 | 78.2 | 78.2 | 78.2 | 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 | 71.4 | 80.2 | 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 |
| ≥ 12000 | 72.4 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 10000 | 73.8 | 83.7 | 83.7 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 9000 | 74.3 | 84.3 | 84.3 | 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 |
| ≥ 8000 | 75.1 | 85.2 | 85.2 | 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 |
| ≥ 7000 | 76.9 | 86.7 | 86.7 | 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 |
| ≥ 6000 | 77.2 | 88.4 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 5000 | 78.2 | 91.1 | 91.1 | 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 |
| ≥ 4500 | 78.1 | 92.7 | 92.7 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 4000 | 78.9 | 94.8 | 94.8 | 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 |
| ≥ 3500 | 84.5 | 96.2 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 3000 | 84.9 | 96.6 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 2500 | 85.4 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 2000 | 86.1 | 98.4 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 86.2 | 98.4 | 98.8 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1500 | 86.2 | 98.8 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1200 | 86.2 | 98.8 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1000 | 86.2 | 98.8 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900 | 86.2 | 98.8 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 86.2 | 98.8 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 86.2 | 98.9 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 86.2 | 98.8 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 86.2 | 98.9 | 99.3 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 86.2 | 98.9 | 99.3 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 86.2 | 98.9 | 99.3 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 86.2 | 98.9 | 99.3 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 86.2 | 98.9 | 99.3 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 86.2 | 98.9 | 99.3 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

...L CLIMATOLOGY BRANCH
...F TAC
...WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2144 | 1505 AAF FX (EL PASO) | 73-5 | JAN
STATION | STATION NAME | YEARS | MONTH

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

2100-2300
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | 0 |
| NO CEILING | 59.1 | 69.5 | 69.6 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 20000 | 63.8 | 73.1 | 73.5 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 18000 | 64.1 | 74.4 | 74.8 | 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 |
| ≥ 16000 | 64.8 | 77.1 | 77.2 | 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 |
| ≥ 14000 | 66.4 | 78.8 | 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 | 68.1 | 81.3 | 81.9 | 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 |
| ≥ 10000 | 70.1 | 83.3 | 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 |
| ≥ 9000 | 70.4 | 84.1 | 84.3 | 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 |
| ≥ 8000 | 70.7 | 84.7 | 84.8 | 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 | 71.3 | 86.2 | 86.3 | 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 |
| ≥ 6000 | 73.3 | 87.8 | 87.9 | 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 |
| ≥ 5000 | 75.4 | 90.7 | 90.9 | 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 |
| ≥ 4500 | 76.7 | 92.1 | 92.3 | 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 |
| ≥ 4000 | 77.6 | 94.1 | 94.2 | 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 |
| ≥ 3500 | 78.4 | 95.1 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 3000 | 79.0 | 95.6 | 96.1 | 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 |
| ≥ 2500 | 79.5 | 96.6 | 97.2 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 2000 | 79.6 | 97.0 | 97.7 | 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 | 79.8 | 97.6 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | 80.1 | 98.0 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 80.3 | 98.1 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 80.1 | 98.3 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 80.1 | 98.3 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 80.1 | 98.3 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 80.1 | 98.3 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 80.1 | 98.3 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 80.1 | 98.5 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 80.1 | 98.5 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 80.1 | 98.5 | 99.2 | 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 |
| ≥ 200 | 80.1 | 98.5 | 99.2 | 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 | 80.1 | 98.5 | 99.2 | 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 |
| ≥ 0 | 80.1 | 98.5 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

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

# CEILING VERSUS VISIBILITY

2 44 (STATION) | [illegible] (STATION NAME) | 73-80 (YEARS) | JAN (MONTH)

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

ALL (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | [illegible] | 67.8 | 67.[illegible] | 66.[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 20000 | [illegible] | 75.[illegible] | 75.[illegible] | 75.1 | 75.1 | 75.1 | [illegible] | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | [illegible] |
| ≥ 18000 | [illegible] | 75.[illegible] | [illegible] | 76.[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 16000 | [illegible] | 76.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | [illegible] |
| ≥ 14000 | [illegible] | 77.8 | 77.[illegible] | 77.[illegible] | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 12000 | 71.[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 10000 | [illegible] | [illegible] | 81.[illegible] | 81.[illegible] | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | [illegible] |
| ≥ 9000 | [illegible] | 82.[illegible] | 82.[illegible] | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | [illegible] |
| ≥ 8000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 7000 | 79.[illegible] | 84.9 | 84.[illegible] | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | [illegible] |
| ≥ 6000 | [illegible] | [illegible] | 86.[illegible] | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | [illegible] |
| ≥ 5000 | [illegible] | [illegible] | [illegible] | 89.[illegible] | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | [illegible] |
| ≥ 4500 | 1.[illegible] | 90.[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3500 | [illegible] | 93.1 | 93.3 | [illegible] | 93.5 | 93.5 | 93.5 | [illegible] | 93.5 | 93.5 | [illegible] | 93.5 | 93.5 | 93.5 | [illegible] | [illegible] |
| ≥ 3000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 900 | 6.1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 700 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 600 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 400 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 300 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 100 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS 5949

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

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

# CEILING VERSUS VISIBILITY

2 44 | ...S AAF TX (EL PASO) | 73-C. | FE
STATION | STATION NAME | YEARS | MONTH

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

000-2200
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥ | ≥5/16 | ≥¼ | 0 |
| NO CEILING | 71.2 | 75.3 | 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 | 66.3 | 72.4 | 72.5 | 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 |
| ≥ 18000 | 66.4 | 72.4 | 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 |
| ≥ 16000 | 67.1 | 73.2 | 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 | 67.1 | 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 |
| ≥ 12000 | 67.1 | 73.6 | 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 |
| ≥ 10000 | 67.2 | 73.9 | 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 | 74.0 |
| ≥ 9000 | 70.1 | 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 | 77.3 |
| ≥ 8000 | 71.6 | 78.2 | 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 | 78.5 |
| ≥ 7000 | 72.1 | 79.2 | 79.4 | 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 |
| ≥ 6000 | 73.1 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 5000 | 75.1 | 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 | 84.1 | 84.1 |
| ≥ 4500 | 75.3 | 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 | 84.5 | 84.5 |
| ≥ 4000 | 75.9 | 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 |
| ≥ 3500 | 75.7 | 85.1 | 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 |
| ≥ 3000 | 76.3 | 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 | 86.6 | 86.6 |
| ≥ 2500 | 77.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 2000 | 77.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 1800 | 77.3 | 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 |
| ≥ 1500 | 77.3 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 1200 | 77.3 | 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 | 89.4 |
| ≥ 1000 | 77.3 | 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 | 89.4 | 89.4 |
| ≥ 900 | 77.3 | 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 | 89.6 |
| ≥ 800 | 77.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 700 | 77.3 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 600 | 77.3 | 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 | 89.8 |
| ≥ 500 | 77.3 | 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 | 89.8 |
| ≥ 400 | 77.3 | 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 | 89.8 |
| ≥ 300 | 77.3 | 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 | 89.8 |
| ≥ 200 | 77.3 | 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 | 89.8 |
| ≥ 100 | 77.3 | 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 | 89.8 |
| ≥ 0 | 77.3 | 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 | 89.8 |

TOTAL NUMBER OF OBSERVATIONS 675

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

# CEILING VERSUS VISIBILITY

[illegible] | [illegible] | 73-6[illegible] | [illegible]
STATION | STATION NAME | YEARS | MONTH

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

[illegible]
HOURS LST

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | [illegible] | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅛ | ≥0 | |
| NO CEILING | [illegible] | 74.3 | 74.5 | 74.5 | 74.6 | 74.6 | 74.7 | 74.8 | 74.9 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.5 |
| ≥ 20000 | [illegible] | 79.8 | 79.9 | 79.9 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 18000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 16000 | [illegible] | [illegible] | [illegible] | [illegible] | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 14000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 12000 | [illegible] | [illegible] | [illegible] | [illegible] | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.4 |
| ≥ 10000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 9000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 8000 | [illegible] | [illegible] | [illegible] | [illegible] | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.4 |
| ≥ 7000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 6000 | [illegible] | [illegible] | [illegible] | [illegible] | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.4 |
| ≥ 5000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4000 | [illegible] | [illegible] | [illegible] | [illegible] | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.7 |
| ≥ 3500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2500 | [illegible] | [illegible] | [illegible] | [illegible] | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.1 |
| ≥ 2000 | [illegible] | [illegible] | [illegible] | [illegible] | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.9 |
| ≥ 1800 | [illegible] | [illegible] | [illegible] | [illegible] | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.2 |
| ≥ 1500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1000 | [illegible] | [illegible] | [illegible] | [illegible] | 99.1 | 99.1 | 99.1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 900 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 800 | [illegible] | [illegible] | [illegible] | [illegible] | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | [illegible] |
| 700 | [illegible] | [illegible] | [illegible] | [illegible] | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | [illegible] |
| ≥ 600 | [illegible] | [illegible] | [illegible] | [illegible] | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | [illegible] |
| ≥ 500 | [illegible] | [illegible] | [illegible] | [illegible] | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | [illegible] | [illegible] |
| ≥ 400 | [illegible] | [illegible] | [illegible] | [illegible] | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | [illegible] | [illegible] |
| ≥ 300 | [illegible] | [illegible] | [illegible] | [illegible] | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | [illegible] | [illegible] |
| ≥ 200 | [illegible] | [illegible] | [illegible] | [illegible] | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.[illegible] | [illegible] |
| ≥ 100 | [illegible] | [illegible] | [illegible] | [illegible] | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.[illegible] | [illegible] |
| ≥ 0 | [illegible] | [illegible] | [illegible] | [illegible] | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | [illegible] |

TOTAL NUMBER OF OBSERVATIONS 676

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

# CEILING VERSUS VISIBILITY

[illegible] METEOROLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE / MAC

2 44 STATION | [illegible] AAF TX (EL PASO) STATION NAME | 73-8[illegible] YEARS | FE[illegible] MONTH

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

0600-0800 HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥ | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥⅝ | ≥ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | [illegible] | [illegible] | 73.2 | [illegible] | [illegible] | 73.3 | 73.3 | 73.3 | [illegible] | 73.3 | [illegible] | 73.3 | [illegible] | [illegible] | 73.3 | 73.3 |
| ≥ 20000 | 75.7 | [illegible] | [illegible] | [illegible] | [illegible] | 79.5 | 79.5 | [illegible] | [illegible] | 79.5 | [illegible] | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 18000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 79.8 | 79.8 | 79.8 | [illegible] | 79.8 | [illegible] | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 16000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 14000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 12000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 10000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 9000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 8000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 7000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 6000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 5000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 900 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 700 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 600 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 400 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 300 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 100 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS 678

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

[illegible] METEOROLOGY (ATJCH)
[illegible]
[illegible] WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] STATION NAME | 70-8[illegible] YEARS | FEB MONTH

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

2000-1100 HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 77.[illegible] | 78.3 | 78.5 | 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 |
| ≥ 20000 | [illegible] | [illegible] | 81.9 | 81.4 | 81.7 | 81.7 | 81.9 | 81.9 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 1.9 |
| ≥ 18000 | [illegible] | [illegible] | 81.1 | 81.7 | 82.[illegible] | [illegible] | 82.[illegible] | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 16000 | [illegible] | 81.[illegible] | 81.3 | 81.9 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 14000 | 1.[illegible] | [illegible]1.3 | 81.6 | 82.2 | 82.4 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 12000 | [illegible]2.3 | 82.4 | 83.7 | 83.3 | 83.6 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 10000 | [illegible]3.7 | 83.8 | 84.1 | 84.7 | 85.[illegible] | [illegible]5.0 | 85.1 | [illegible]5.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 9000 | 4.[illegible] | 84.9 | 84.8 | 85.4 | [illegible].7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.9 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 8000 | 5.1 | [illegible]5.[illegible] | 85.8 | 86.4 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 7000 | 86.9 | [illegible]7.[illegible] | 87.6 | 88.2 | 87.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 6000 | [illegible]8.3 | [illegible]8.8 | 89.1 | [illegible]9.7 | 90.[illegible] | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 5000 | [illegible]8.8 | 89.4 | 9[illegible].7 | 90.6 | 91.9 | 91.[illegible] | 91.[illegible] | 91.[illegible] | 91.[illegible] | 91.[illegible] | 91.[illegible] | 91.[illegible] | 91.[illegible] | 91.[illegible] | 91.[illegible] | 91.[illegible] |
| ≥ 4500 | 89.[illegible] | 89.8 | 90.4 | 91.[illegible] | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 4000 | 9[illegible].1 | 90.9 | 91.4 | 92.3 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.3 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 3500 | 91.[illegible] | 91.7 | 92.[illegible] | 93.4 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.9 | 93.8 | 93.8 | 93.8 | 93.[illegible] | 93.8 | 93.8 |
| ≥ 3000 | 92.[illegible] | 92.6 | 93.4 | 94.2 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.[illegible] | 94.7 | 94.7 |
| ≥ 2500 | 92.[illegible] | 93.[illegible] | 94.4 | 95.3 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 2000 | 93.4 | 94.3 | 95.1 | 96.0 | 96.3 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1800 | [illegible]4.3 | [illegible]4.[illegible] | 95.7 | 96.6 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1500 | [illegible]4.1 | 95.0 | 96.[illegible] | [illegible]7.1 | [illegible]7.5 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1200 | [illegible]4.[illegible] | 95.1 | 96.[illegible] | 97.2 | 97.6 | 97.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 1000 | [illegible]4.[illegible] | [illegible]5.4 | 96.[illegible] | 97.5 | 97.9 | 97.[illegible] | 98.2 | 98.2 | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.2 | 98.2 | 98.[illegible] | 98.2 | 98.[illegible] |
| ≥ 900 | [illegible]4.[illegible] | [illegible]5.4 | 96.5 | 97.5 | 97.9 | 97.[illegible] | 98.2 | 9[illegible].2 | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | [illegible]4.4 | 95.6 | 96.[illegible] | 97.6 | 98.1 | [illegible]8.1 | 98.4 | 9[illegible].4 | 98.[illegible] | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 700 | [illegible]4.4 | 95.6 | 96.[illegible] | 97.6 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | [illegible]4.4 | [illegible]5.6 | 96.6 | [illegible]7.6 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 500 | [illegible].5 | 95.7 | 96.[illegible] | 97.8 | 98.4 | [illegible]8.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 9[illegible].3 | 98.3 | 98.3 | 99.0 |
| ≥ 400 | [illegible]4.5 | 95.7 | 96.[illegible] | 97.8 | [illegible]8.4 | 98.4 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 9[illegible].3 | 99.3 | 99.3 | 99.4 |
| ≥ 300 | [illegible]4.5 | 95.7 | 96.[illegible] | 97.8 | 98.4 | [illegible]8.4 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.6 |
| ≥ 200 | [illegible]4.5 | 95.7 | 96.[illegible] | 97.8 | 98.4 | 98.4 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.7 |
| ≥ 100 | [illegible]4.5 | 95.7 | 96.9 | 97.8 | 98.4 | 98.4 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.6 | 100.0 |
| ≥ 0 | [illegible]4.5 | 95.7 | 96.[illegible] | 97.8 | 98.4 | 98.4 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 67[illegible]

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

[illegible] CLIMATOLOGY BRANCH
AFLTAC
[illegible] WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2 44 STATION | [illegible] AAF TX (EL PASO) STATION NAME | 73-83 YEARS | DEC MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥. | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 72.1 | 72.2 | 72.2 | 72.5 | 72.5 | 72.5 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 | 72.9 | 72.3 | 72.8 | 73.0 | 73.0 |
| ≥ 20000 | 79.6 | 79.9 | 79.9 | 80.2 | 80.2 | 80.2 | 80.2 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 |
| ≥ 18000 | 81.4 | 81.6 | 81.6 | 81.9 | 81.9 | 81.9 | 81.9 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.4 | 81.4 |
| ≥ 16000 | 81.4 | 81.5 | 81.6 | 81.1 | 81.1 | 81.1 | 81.1 | 1.2 | 81.2 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 | 81.5 |
| ≥ 14000 | 81.5 | 81.1 | 81.1 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 |
| ≥ 12000 | 1.2 | 82.1 | 82.1 | 82.4 | 82.4 | 82.4 | 82.4 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.9 | 82.9 |
| ≥ 10000 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.4 | 85.4 | 85.4 |
| ≥ 9000 | 84.8 | 84.9 | 84.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 |
| ≥ 8000 | 84.8 | 84.9 | 84.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 |
| ≥ 7000 | 84.9 | 85.1 | 85.1 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.9 | 85.9 | 85.9 |
| ≥ 6000 | 86.1 | 86.4 | 86.4 | 86.7 | 86.7 | 86.7 | 86.7 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 |
| ≥ 5000 | 88.6 | 88.9 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 |
| ≥ 4500 | 89.9 | 89.8 | 90.0 | 90.3 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 |
| ≥ 4000 | 91.3 | 91.3 | 91.1 | 91.4 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 |
| ≥ 3500 | 92.6 | 92.9 | 93.2 | 93.5 | 93.6 | 93.6 | 93.6 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 |
| ≥ 3000 | 93.0 | 94.1 | 94.4 | 94.7 | 94.8 | 94.8 | 94.8 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 |
| ≥ 2500 | 94.7 | 95.1 | 95.4 | 95.6 | 95.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 |
| ≥ 2000 | 95.1 | 95.3 | 96.3 | 96.9 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.5 | 97.6 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 |
| ≥ 1800 | 95.4 | 96.5 | 97.1 | 97.5 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 |
| ≥ 1500 | 95.9 | 96.9 | 97.5 | 97.9 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.5 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 96.0 | 97.2 | 97.9 | 98.2 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.8 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 96.1 | 97.2 | 97.9 | 98.3 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.8 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 96.1 | 97.2 | 97.8 | 98.2 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 800 | 96.1 | 97.2 | 97.8 | 98.2 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 700 | 96.1 | 97.2 | 97.8 | 98.2 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 |
| ≥ 600 | 96.1 | 97.2 | 97.8 | 98.2 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 |
| ≥ 500 | 96.1 | 97.2 | 97.8 | 98.2 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 |
| ≥ 400 | 96.1 | 97.2 | 97.8 | 98.2 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 |
| ≥ 300 | 96.1 | 97.2 | 97.8 | 98.2 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 |
| ≥ 200 | 96.1 | 97.2 | 97.8 | 98.2 | 98.5 | 98.5 | 98.7 | 98.8 | 98.8 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 96.1 | 97.2 | 97.8 | 98.2 | 98.5 | 98.5 | 98.7 | 98.8 | 98.8 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 96.1 | 97.2 | 97.8 | 98.2 | 98.5 | 98.5 | 98.7 | 98.8 | 98.8 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 677

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

# CEILING VERSUS VISIBILITY

... STATION | ...(CCA) AAF EX (EL PASO) STATION NAME | 7...-6... YEARS | FL MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1...0-1700 HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 20000 | ...1.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 18000 | ...2.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 16000 | ...2.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 14000 | ...3.0 | 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 | 83.0 | 83.0 |
| ≥ 12000 | ...4.3 | 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 | 84.3 | 84.3 |
| ≥ 10000 | ...6.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 9000 | ...6.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 8000 | ...6.4 | 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 | 86.4 | 86.4 |
| ≥ 7000 | ...8.1 | 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 |
| ≥ 6000 | ...0.1 | 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 |
| ≥ 5000 | ...3.5 | 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 |
| ≥ 4500 | ...4.1 | 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 | 94.1 |
| ≥ 4000 | ...5.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3500 | ...6.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 3000 | ...7.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 2500 | ...7.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 2000 | ...8.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1800 | ...9.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1500 | ...9.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1200 | ...9.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | ...9.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | ...9.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | ...9.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | ...9.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | ...9.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | ...9.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | ...9.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | ...9.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | ...9.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | ...9.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | ...9.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 678

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

# CEILING VERSUS VISIBILITY

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

2 44 [illegible] AFB TX (EL PASO) 73-[illegible] FE
STATION STATION NAME YEARS MONTH

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

[illegible]-[illegible]
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 72.7 | 79.[illegible] | 79.[illegible] | 79.[illegible] | 79.[illegible] | 79.[illegible] | 79.[illegible] | 79.[illegible] | 79.[illegible] | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.[illegible] |
| ≥ 20000 | 72.[illegible] | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 18000 | 72.9 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 16000 | 72.[illegible] | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 14000 | 87.[illegible] | 87.[illegible] | 87.[illegible] | 87.[illegible] | 87.[illegible] | 87.[illegible] | 87.[illegible] | 87.[illegible] | 87.[illegible] | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 12000 | 88.[illegible] | 88.[illegible] | 88.[illegible] | 88.[illegible] | 88.[illegible] | 88.[illegible] | 88.[illegible] | 88.[illegible] | 88.[illegible] | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 10000 | 90.[illegible] | 90.[illegible] | 90.[illegible] | 90.[illegible] | 90.[illegible] | 90.[illegible] | 90.[illegible] | 90.[illegible] | 90.[illegible] | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 9000 | 91.[illegible] | 91.3 | 91.[illegible] | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.[illegible] | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 8000 | 91.[illegible] | 91.[illegible] | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 7000 | 92.[illegible] | 92.[illegible] | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 6000 | 93.[illegible] | 93.[illegible] | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 5000 | 96.[illegible] | 96.9 | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] |
| ≥ 4500 | 96.[illegible] | 96.2 | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.[illegible] |
| ≥ 4000 | 96.[illegible] | 96.9 | 97.[illegible] | 97.[illegible] | 97.0 | 97.[illegible] | 97.[illegible] | 97.[illegible] | 97.[illegible] | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.[illegible] |
| ≥ 3500 | 97.[illegible] | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 3000 | 97.[illegible] | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 2500 | 97.[illegible] | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 2000 | 98.[illegible] | 98.1 | 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 | 98.4 |
| ≥ 1800 | 98.[illegible] | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1500 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1200 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 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 |
| ≥ 1000 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 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 |
| ≥ 900 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 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 |
| ≥ 800 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 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 |
| ≥ 700 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 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 |
| ≥ 600 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 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 |
| ≥ 500 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 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 |
| ≥ 400 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 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 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 100.[illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 100.[illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 100.[illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 677

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

L AL CLIMATOLOGY BRANCH
ATHER SERVICE / MA

# CEILING VERSUS VISIBILITY

2 44 — STATION
FLCS AAF TY (EL PASO) — STATION NAME
25-46 — YEARS
FL — MONTH

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

2100-2300 HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 77.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 20000 | 71.9 | 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 | 84.7 |
| ≥ 18000 | 71.9 | 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 | 84.7 |
| ≥ 16000 | 71.9 | 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 | 85.0 |
| ≥ 14000 | 73.3 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 12000 | 73.6 | 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 | 86.7 | 86.7 |
| ≥ 10000 | 75.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 9000 | 75.7 | 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 |
| ≥ 8000 | 76.4 | 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 |
| ≥ 7000 | 77.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 6000 | 79.1 | 93.5 | 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 |
| ≥ 5000 | 79.1 | 95.1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 4500 | 79.2 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 4000 | 79.4 | 96.3 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 3500 | 79.5 | 96.9 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 3000 | 79.6 | 97.3 | 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 |
| ≥ 2500 | 79.8 | 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 | 98.2 | 98.2 |
| ≥ 2000 | 79.8 | 97.9 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 79.8 | 98.2 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 79.8 | 98.3 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 79.8 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 79.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 79.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 79.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 79.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 79.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 79.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 79.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 79.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 79.8 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 79.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 79.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 676

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

[illegible] AIR WEATHER SERVICE/MAC
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] AAF TX (EL PASO) STATION NAME | 73-[illegible] YEARS | [illegible] MONTH

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

ALL HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥ ¼ | ≥5/16 | ≥ ¼ | ≥0 |
| NO CEILING | [illegible] | 74.9 | 75.0 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 |
| ≥ 20000 | 74.3 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 |
| ≥ 18000 | 75.1 | 81.9 | 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 | 82.4 |
| ≥ 16000 | 75.2 | 82.2 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 |
| ≥ 14000 | 75.4 | 83.1 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 12000 | 77.1 | 84.4 | 84.5 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 10000 | 78.9 | 85.9 | 86.0 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 |
| ≥ 9000 | 79.1 | 86.6 | 86.7 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 |
| ≥ 8000 | 79.8 | 87.2 | 87.3 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 7000 | 80.7 | 88.5 | 88.6 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 |
| ≥ 6000 | 92.3 | 93.4 | 93.6 | 93.7 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 5000 | 94.0 | 94.4 | 94.6 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 4500 | 94.8 | 95.1 | 95.3 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 4000 | 95.3 | 96.0 | 96.2 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 3500 | 96.9 | 97.6 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 3000 | 97.4 | 98.1 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 |
| ≥ 2500 | 97.8 | 98.5 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 |
| ≥ 2000 | 97.9 | 98.6 | 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 | 99.3 |
| ≥ 1800 | 97.9 | 98.6 | 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 | 99.3 |
| ≥ 1500 | 97.9 | 98.6 | 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 | 99.3 |
| ≥ 1200 | 97.9 | 98.6 | 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 | 99.3 |
| ≥ 1000 | 97.9 | 98.6 | 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 | 99.3 |
| ≥ 900 | 97.9 | 98.6 | 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 | 99.3 |
| ≥ 800 | 97.9 | 98.6 | 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 | 99.3 |
| ≥ 700 | 97.9 | 98.6 | 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 | 99.3 |
| ≥ 600 | 97.9 | 98.6 | 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 | 99.3 |
| ≥ 500 | 97.9 | 98.6 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 |
| ≥ 400 | 97.9 | 98.6 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 300 | 97.9 | 98.6 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥ 200 | 97.9 | 98.6 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 |
| ≥ 100 | 97.9 | 98.6 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 |
| ≥ 0 | 97.9 | 98.7 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 5422

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

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

# CEILING VERSUS VISIBILITY

2 44 — STATION
[illegible]OD AAF TX (EL PASO) — STATION NAME
73-8. — YEARS
MAR — MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-2200 — HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | [illegible] | 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 | [illegible] | 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 |
| ≥ 18000 | [illegible] | 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 | 84.9 | 84.9 |
| ≥ 16000 | [illegible] | 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 | 85.3 |
| ≥ 14000 | [illegible] | 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 |
| ≥ 12000 | [illegible] | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 10000 | [illegible] | 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 | [illegible] | 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 |
| ≥ 8000 | [illegible] | 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 |
| ≥ 7000 | [illegible] | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 6000 | [illegible] | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 5000 | [illegible] | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 4500 | [illegible] | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4000 | [illegible] | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 3500 | [illegible] | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 3000 | [illegible] | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2500 | [illegible] | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2000 | [illegible] | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1800 | [illegible] | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1500 | [illegible] | 100.0 | 100.0 | 100.0 | 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 | [illegible] | 100.0 | 100.0 | 100.0 | 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 | [illegible] | 100.0 | 100.0 | 100.0 | 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 | [illegible] | 100.0 | 100.0 | 100.0 | 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 | [illegible] | 100.0 | 100.0 | 100.0 | 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 | [illegible] | 100.0 | 100.0 | 100.0 | 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 | [illegible] | 100.0 | 100.0 | 100.0 | 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 | [illegible] | 100.0 | 100.0 | 100.0 | 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 | [illegible] | 100.0 | 100.0 | 100.0 | 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 | [illegible] | 100.0 | 100.0 | 100.0 | 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 | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | [illegible] | 100.0 | 100.0 | 100.0 | 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 | [illegible] | 100.0 | 100.0 | 100.0 | 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 744

USAF ETAC FORM 10 64 0-14-5 (01 A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# CEILING VERSUS VISIBILITY

2[illegible]48 | [illegible] AAF TX (LL [illegible]) | 73-[illegible] | MAR
STATION | STATION NAME | YEARS | MONTH

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

[illegible]-0600
HOURS (ST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | [illegible].9 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 20000 | [illegible].4 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 18000 | [illegible].8 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 16000 | [illegible].9 | 84.5 | 84.5 | 84.8 | 84.8 | 84.3 | 84.8 | 84.3 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 14000 | 71.2 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 12000 | 74.1 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 10000 | 76.2 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 9000 | 77.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 8000 | 78.1 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 7000 | 79.1 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 6000 | [illegible].3 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 5000 | 81.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 4500 | 81.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 4000 | 82.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 3500 | 82.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 3000 | 82.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 2500 | 82.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 2000 | 82.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1800 | 82.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1500 | 82.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 82.9 | 99.9 | 99.9 | 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 |
| ≥ 1000 | 82.8 | 99.9 | 99.9 | 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 |
| ≥ 900 | 82.8 | 99.9 | 99.9 | 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 |
| ≥ 800 | 82.8 | 99.9 | 99.9 | 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 |
| ≥ 700 | 82.8 | 99.9 | 99.9 | 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 |
| ≥ 600 | 82.9 | 99.9 | 99.9 | 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 |
| ≥ 500 | 82.8 | 99.9 | 99.9 | 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 |
| ≥ 400 | 82.9 | 99.9 | 99.9 | 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 |
| ≥ 300 | 82.8 | 99.9 | 99.9 | 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 |
| ≥ 200 | 82.8 | 99.9 | 99.9 | 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 | 82.9 | 99.9 | 99.9 | 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 |
| ≥ 0 | 82.8 | 99.9 | 99.9 | 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 |

TOTAL NUMBER OF OBSERVATIONS 743

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

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2 44 STATION | [illegible] AAF TX (EL [illegible]) STATION NAME | 73-8[illegible] YEARS | MAY MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

.600-2300 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ [illegible] | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥7/16 | ≥¼ | ≥0 |
| NO CEILING | 76.[illegible] | 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 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 18000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 16000 | [illegible] | 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 |
| ≥ 14000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 12000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 10000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 9000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 8000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 7000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 6000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 5000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4000 | [illegible] | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 3500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 900 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 700 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 600 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 400 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 300 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] SERVICE/AF

# CEILING VERSUS VISIBILITY

2 44 — STATION — [illegible] AAF TX (EL PASO) — STATION NAME — 73-8[illegible] — YEARS — MAR — MONTH

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

[illegible]9 1-11[illegible] HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 7[illegible].1 | 79.[illegible] | 79.1 | 79.3 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 20000 | [illegible]5.[illegible] | [illegible]5.[illegible] | 86.7 | 86.9 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 18000 | [illegible]5.9 | [illegible]6.[illegible] | 86.[illegible] | 87.1 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 16000 | [illegible]8.2 | 87.3 | 87.[illegible] | 87.8 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 14000 | [illegible]7.9 | [illegible]8.4 | 88.6 | 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 |
| ≥ 12000 | [illegible]9.[illegible] | 90.4 | 90.6 | 90.7 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 10000 | [illegible]0.4 | [illegible]1.4 | 91.6 | 91.7 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 9000 | [illegible]0.6 | [illegible]1.6 | 91.7 | 91.9 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 8000 | [illegible]1.0 | [illegible]1.9 | 91.[illegible] | 92.[illegible] | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 7000 | [illegible]1.4 | [illegible]2.3 | 92.[illegible] | 92.6 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 6000 | [illegible]1.[illegible] | 92.6 | 92.7 | 92.9 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 5000 | 93.[illegible] | 94.6 | 94.[illegible] | 94.9 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 4500 | [illegible]3.[illegible] | 94.9 | 95.[illegible] | 95.[illegible] | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 4000 | 94.[illegible] | 95.8 | 96.[illegible] | 96.1 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 3500 | 5.[illegible] | 96.2 | 96.4 | 96.5 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 3000 | 95.9 | 97.0 | 97.2 | 97.3 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2500 | [illegible]6.5 | 98.1 | 98.3 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.[illegible] | 98.8 | 98.8 |
| ≥ 2000 | [illegible]6.8 | 98.3 | 98.4 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 6.[illegible] | 98.[illegible] | 98.4 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | [illegible]6.[illegible] | 98.5 | 98.7 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1200 | [illegible]7.[illegible] | 99.2 | 99.3 | 99.5 | [illegible]5.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | [illegible]7.[illegible] | 99.2 | 99.3 | 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 |
| ≥ 900 | [illegible]7.3 | 99.[illegible] | 99.[illegible] | 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 |
| ≥ 800 | [illegible]7.2 | 99.2 | 99.[illegible] | 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 |
| ≥ 700 | [illegible]7.[illegible] | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | [illegible]7.[illegible] | 99.[illegible] | 99.[illegible] | 99.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100. |
| ≥ 500 | [illegible]7.[illegible] | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | [illegible]7.3 | 99.2 | 99.[illegible] | 99.5 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | [illegible]7.2 | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | [illegible]7.2 | 99.2 | 99.[illegible] | 99.5 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | [illegible]7.2 | 99.2 | 99.3 | 99.5 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | [illegible]7.2 | 99.2 | 99.[illegible] | 99.5 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 743

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

[illegible] AL CL METEOROLOGY [illegible]
[illegible] AIR [illegible] SERVICE/MAC

# CEILING VERSUS VISIBILITY

2 [illegible] / STATION | [illegible] AFB TX (LL [illegible]) / STATION NAME | 73-82 / YEARS | MAY / MONTH

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

12[illegible]-1400 / HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | [illegible] | 69.8 | 71.[illegible] | 71.0 | 71.6 | 71.9 | 72.0 | 72.3 | 72.[illegible] | 72.2 | 72.2 | 72.0 | 72.0 | 72.[illegible] | 72.0 | 72.0 |
| ≥ 20000 | [illegible].1 | [illegible].9 | 83.6 | [illegible]4.3 | 85.0 | 85.3 | 85.3 | 85.3 | 85.[illegible] | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 18000 | [illegible]. | [illegible]5.9 | 84.1 | [illegible]4.6 | [illegible]5.9 | [illegible]5.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 16000 | [illegible].7 | 84.1 | 84.[illegible] | [illegible]5.5 | 86.2 | 86.4 | 86.6 | 86.6 | 86.[illegible] | 86.6 | 86.6 | 86.6 | 86.6 | 86.[illegible] | 86.6 | [illegible]6.6 |
| ≥ 14000 | [illegible].7 | 85.2 | 86.[illegible] | 86.6 | 87.2 | 87.5 | 87.6 | [illegible]7.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | [illegible]7.6 | [illegible]7.6 | 87.6 |
| ≥ 12000 | [illegible].[illegible] | [illegible]6.7 | 87.4 | 88.[illegible] | 89.7 | [illegible]9.[illegible] | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 10000 | [illegible]6.[illegible] | 87.6 | 88.[illegible] | [illegible]9.[illegible] | 89.7 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 9000 | [illegible].[illegible] | 87.6 | 88.7 | 89.[illegible] | 89.7 | [illegible]9.9 | 90.1 | [illegible]0.1 | 90.1 | 90.1 | 90.1 | 90.1 | [illegible]0.1 | [illegible]0.1 | [illegible]0.1 | [illegible]0.1 |
| ≥ 8000 | [illegible]6.[illegible] | [illegible]0.[illegible] | 89.[illegible] | 89.9 | [illegible]0.[illegible] | 90.5 | 90.6 | 90.6 | [illegible]0.[illegible] | [illegible]0.6 | 90.6 | 90.[illegible] | [illegible]0.6 | 90.6 | 90.6 | [illegible]0.6 |
| ≥ 7000 | 7.1 | [illegible]0.7 | 89.9 | 91.1 | [illegible]0.7 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| [illegible] 6000 | [illegible].6 | [illegible]5.[illegible] | [illegible]2.[illegible] | 91.9 | 92.2 | [illegible]2.5 | 92.6 | [illegible]2.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 5000 | [illegible].[illegible] | 92.2 | 92.9 | 93.5 | [illegible]4.4 | [illegible]4.6 | 94.9 | 94.[illegible] | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.[illegible] | 94.9 | 94.9 |
| ≥ 4500 | 1.[illegible] | 93.9 | 94.2 | 94.[illegible] | [illegible]5.[illegible] | [illegible]6.[illegible] | 96.2 | [illegible]6.[illegible] | [illegible]6.[illegible] | 96.2 | 96.2 | 96.2 | 96.2 | 96.[illegible] | [illegible]6.2 | [illegible]6.2 |
| ≥ 4000 | [illegible].[illegible] | 94.9 | [illegible]5.6 | 96.2 | [illegible]7.[illegible] | [illegible]7.5 | 97.6 | [illegible]7.6 | 97.6 | 97.6 | 97.6 | 97.6 | [illegible]7.6 | [illegible]7.6 | [illegible]7.6 | [illegible]7.6 |
| ≥ 3500 | [illegible].[illegible] | [illegible]5.[illegible] | [illegible]6.[illegible] | [illegible]6.4 | [illegible]7.2 | [illegible]7.4 | 97.7 | [illegible]7.7 | [illegible]7.[illegible] | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 3000 | [illegible]4.[illegible] | [illegible]6.5 | 97.2 | [illegible]7.8 | [illegible]8.7 | [illegible]8.7 | [illegible]9.2 | [illegible]9.2 | [illegible]9.2 | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.2 | [illegible]9.2 | [illegible]9.2 | [illegible]9.2 | [illegible]9.2 |
| ≥ 2500 | [illegible].[illegible] | [illegible]6.[illegible] | [illegible]7.[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.6 | [illegible]9.6 | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.6 | [illegible]9.6 | [illegible]9.6 | [illegible]9.6 | [illegible]9.6 |
| ≥ 2000 | [illegible].[illegible] | [illegible]7.2 | [illegible]7.[illegible] | [illegible]8.5 | [illegible]9.[illegible] | [illegible]9.6 | [illegible]9.9 | [illegible]9.9 | [illegible]9.9 | [illegible]9.9 | [illegible]9.[illegible] | [illegible]9.9 | [illegible]9.9 | [illegible]9.9 | [illegible]9.9 | [illegible]9.9 |
| ≥ 1800 | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] | [illegible]8.5 | [illegible]9.[illegible] | [illegible]9.6 | [illegible]9.9 | [illegible]9.9 | [illegible]9.9 | [illegible]9.9 | [illegible]9.9 | [illegible]9.9 | [illegible]9.9 | [illegible]9.[illegible] | [illegible]9.9 | [illegible]9.9 |
| ≥ 1500 | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]8.[illegible] | [illegible]9.7 | [illegible]9.5 | [illegible]9.7 | 100.0 | [illegible]00.0 | [illegible]00.0 | [illegible]00.0 | [illegible]00.0 | [illegible]00.0 | [illegible]00.0 | [illegible]00. | [illegible]00.[illegible] | [illegible]00.[illegible] |
| ≥ 1200 | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.7 | [illegible]00.0 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.0 | [illegible]00.0 | [illegible]00.0 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.0 |
| ≥ 1000 | [illegible].[illegible] | [illegible]7.[illegible] | 93.[illegible] | [illegible]4.[illegible] | [illegible]9.[illegible] | [illegible]5.7 | [illegible]00.0 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.0 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.0 | [illegible]00.0 |
| ≥ 900 | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.7 | [illegible]00.0 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.0 | [illegible]00.0 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.0 |
| ≥ 800 | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.5 | [illegible]9.7 | [illegible]00.0 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.0 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.0 |
| ≥ 700 | [illegible]. | [illegible]7.[illegible] | [illegible]8. | [illegible]9.[illegible] | [illegible]9.5 | [illegible]9.7 | [illegible]00.0 | [illegible]00. | [illegible]00.0 | [illegible]00.0 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.0 |
| ≥ 600 | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]9.5 | [illegible]9.7 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.0 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.0 |
| ≥ 500 | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]8.[illegible] | [illegible]8.7 | [illegible]9.5 | [illegible]9.7 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.0 |
| ≥ 400 | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.5 | [illegible]9.7 | [illegible]00.0 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.0 |
| ≥ 300 | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]9.5 | [illegible]9.7 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.0 |
| ≥ 200 | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.5 | [illegible]9.7 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.0 |
| ≥ 100 | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]9.5 | [illegible]9.7 | [illegible]00.0 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.0 |
| ≥ 0 | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]9.5 | [illegible]9.7 | [illegible]00.0 | [illegible]00.0 | [illegible]00.0 | [illegible]00.0 | [illegible]00.0 | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.[illegible] | [illegible]00.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

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

# CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] STATION NAME | 73-[illegible] YEARS | MAY MONTH

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

15.0-17.0% HOURS (LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | [illegible] | 71.2 | 71.7 | 71.9 | 72.1 | 72.3 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.8 | 72.8 |
| ≥ 20000 | [illegible] | 83.6 | 84.3 | 84.9 | 85.0 | 86.3 | 86.3 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 18000 | [illegible] | 84.1 | 84.9 | 85.2 | 86.1 | 86.3 | 86.5 | 86.5 | 86.5 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 16000 | [illegible] | 84.5 | 84.9 | 85.6 | 86.5 | 86.7 | 86.9 | 86.9 | 86.9 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 14000 | [illegible] | 85.6 | 86.0 | 86.7 | 87.6 | 87.8 | 88.0 | 88.0 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 12000 | [illegible] | 88.0 | 88.4 | 89.1 | 90.1 | 90.2 | 90.4 | 90.4 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 10000 | [illegible] | 89.3 | 89.8 | 90.5 | 91.5 | 91.7 | 91.9 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 9000 | [illegible] | 89.3 | 89.8 | 90.5 | 91.5 | 91.7 | 91.9 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 8000 | [illegible] | 90.3 | 90.8 | 91.7 | 92.6 | 92.7 | 93.0 | 93.0 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 7000 | [illegible] | 91.0 | 91.5 | 92.5 | 93.5 | 93.6 | 93.7 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 6000 | [illegible] | 92.3 | 92.9 | 93.7 | 94.6 | 94.8 | 95.0 | 95.0 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 5000 | [illegible] | 93.6 | 94.3 | 95.0 | 96.1 | 96.2 | 96.5 | 96.5 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4500 | [illegible] | 93.7 | 94.4 | 95.2 | 96.2 | 96.4 | 96.6 | 96.6 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 4000 | [illegible] | 95.7 | 96.4 | 97.2 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 3500 | [illegible] | 96.1 | 96.8 | 97.4 | 98.5 | 98.7 | 98.9 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| > 3000 | [illegible] | 96.4 | 96.9 | 97.8 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2500 | [illegible] | 96.6 | 97.1 | 98.1 | 99.2 | 99.3 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2000 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | [illegible] | 96.8 | 97.3 | 98.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 743

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

# CEILING VERSUS VISIBILITY

[illegible] (EL PASO) 73-78 [illegible]
STATION STATION NAME YEARS MONTH

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

1800-2200
HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 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 | 73.9 | 73.9 | 73.9 |
| ≥ 20000 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 18000 | 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 | 85.3 | 85.3 |
| ≥ 16000 | 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 | 86.7 |
| ≥ 14000 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 12000 | 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 | 91.0 |
| ≥ 10000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 9000 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 8000 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 7000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 6000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 5000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 4500 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 4000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 3500 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 3000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 2500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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 744

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

L AL CLIMATOLOGY ...
...TA
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| ...49 | ...AAF TX (EL PASO) | 7...8 | MAR |

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

HOURS LST: 0100-2300

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 20000 | 87.8 | 88.7 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 18000 | 87.8 | 88.7 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 16000 | 87.8 | 88.7 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 14000 | 92.3 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 12000 | 92.9 | 93.1 | 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 |
| ≥ 10000 | 93.1 | 93.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 9000 | 93.1 | 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 |
| ≥ 8000 | 93.1 | 95.7 | 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 |
| ≥ 7000 | 94.1 | 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 |
| ≥ 6000 | 94.3 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 5000 | 95.5 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 4500 | 95.8 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 4000 | 95.8 | 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 | 99.9 | 99.9 |
| ≥ 3500 | 95.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 3000 | 95.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 96.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

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

# CEILING VERSUS VISIBILITY

2 44 — STATION
[illegible] AAF TX (EL PASO) — STATION NAME
73-91 — YEARS
MAR — MONTH

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

ALL — HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 70.2 | 77.[illegible] | 7[illegible] | 76.1 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 |
| ≥ 20000 | 79.1 | 85.1 | 85.7 | 85.9 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 18000 | 79.4 | 85.7 | 85.8 | 85.7 | 85.8 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 16000 | 79.1 | 85.7 | 85.4 | 85.6 | 85.8 | 86.0 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 14000 | 79.9 | 87.1 | 87.3 | 87.4 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 12000 | 80.2 | 89.9 | 89.7 | 89.9 | 90.1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 10000 | 90.8 | 91.3 | 91.3 | 91.4 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.8 | 91.8 | 91.8 |
| ≥ 9000 | 90.8 | 91.8 | 91.7 | 91.8 | 92.0 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 8000 | 92.9 | 93.4 | 93.5 | 93.6 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 7000 | 93.9 | 94.4 | 94.6 | 94.8 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 6000 | 95.9 | 96.5 | 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 |
| ≥ 5000 | 96.7 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 4500 | 97.2 | 97.5 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 4000 | 97.9 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 3500 | 98.1 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 3000 | 98.7 | 99.1 | 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 |
| ≥ 2500 | 98.9 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2000 | 99.1 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1800 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1500 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1200 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1000 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 900 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 5949

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

# CEILING VERSUS VISIBILITY

[illegible] AAF TX (EL PASO) 73-87 APR
STATION STATION NAME YEARS MONTH

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

[illegible]-[illegible]
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 74.3 | 85.[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 20000 | 77.7 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 18000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 16000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 14000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 12000 | [illegible] | 91.9 | 91.9 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 10000 | 1.2 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 9000 | 1.[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 8000 | [illegible] | [illegible] | [illegible] | 95.7 | 95.7 | [illegible] | 95.7 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 7000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 6000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 5000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1200 | [illegible] | [illegible] | [illegible] | 100.0 | 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 | [illegible] | [illegible] | [illegible] | 100.0 | 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 | [illegible] | [illegible] | [illegible] | 100.0 | 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 | [illegible] | [illegible] | [illegible] | 100.0 | 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 | [illegible] | [illegible] | [illegible] | 100.0 | 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 | [illegible] | [illegible] | [illegible] | 100.0 | 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 | [illegible] | [illegible] | [illegible] | 100.0 | 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 | [illegible] | [illegible] | [illegible] | 100.0 | 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 | [illegible] | [illegible] | [illegible] | 100.0 | 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 | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | [illegible] | [illegible] | [illegible] | 100.0 | 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 | [illegible] | [illegible] | [illegible] | 100.0 | 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 719

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

# CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥ 5/16 | ≥¼ | ≥0 |
| NO CEILING | 79.1 | 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 |
| ≥ 20000 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 18000 | | 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 |
| ≥ 16000 | | 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 |
| ≥ 14000 | .1 | 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 |
| ≥ 12000 | 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 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 9000 | 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 |
| ≥ 8000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 7000 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 6000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 5000 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 4500 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 4000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 3500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1800 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1200 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 720

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

[illegible] ATMOSPHERIC RESEARCH
[illegible]
[illegible] SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] AIR FORCE (EL PASO) STATION NAME | 73-[illegible] YEARS | APR MONTH

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

[illegible]-[illegible] HOURS EST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | [illegible] | 81.4 | 81.5 | [illegible]1.5 | [illegible]1.5 | 1.5 | [illegible]1.5 | [illegible]1.5 | [illegible]1.5 | [illegible]1.5 | [illegible]1.5 | 81.5 | [illegible]1.5 | [illegible]1.5 | [illegible]1.5 |
| ≥ 20000 | 7.1 | [illegible]7.8 | 87.9 | 87.9 | 87.9 | [illegible]7.9 | 97.9 | 7.[illegible] | [illegible]7.[illegible] | 87.9 | [illegible]7.9 | 87.9 | [illegible]7.9 | 87.[illegible] | [illegible]7.9 | 87.9 |
| ≥ 18000 | 7.[illegible] | 87.9 | 88.1 | [illegible]8.1 | [illegible]8.1 | [illegible]8.1 | [illegible]8.1 | [illegible]8.1 | [illegible]8.1 | [illegible]8.1 | [illegible]8.1 | [illegible]8.1 | [illegible]8.1 | [illegible]8.1 | [illegible]8.1 | [illegible]8.1 |
| ≥ 16000 | 7.[illegible] | [illegible]8.1 | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | 88.2 | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] |
| ≥ 14000 | [illegible].[illegible] | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] | [illegible]7.[illegible] |
| ≥ 12000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 10000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 9000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 8000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 7000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 6000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 5000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 4500 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 4000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 3500 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 3000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 2500 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 2000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 1800 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 1500 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 1200 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 1000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 900 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 800 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 700 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 600 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 500 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 400 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 300 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 200 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | 100.0 | 100.0 |
| ≥ 100 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | 100.0 | 100.0 |
| ≥ 0 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 723

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

[illegible] CLIMATOLOGY BRANCH
[illegible] SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] STATION NAME | 73-81 YEARS | APR MONTH

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

0900-1100 HOURS EST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 2.0 | 85.2 | 85.4 | [illegible] | 87.7 | 88.7 | 94.0 | 94.3 | 94.6 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 20000 | 1.9 | 88.5 | 88.7 | 88.9 | 89.0 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 18000 | 5.3 | 89.7 | 89.[illegible] | 89.[illegible] | 89.2 | 89.5 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 16000 | 10.6 | 89.2 | 89.4 | 89.6 | 89.7 | 89.7 | 90.0 | 90.3 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 14000 | 89.1 | 89.7 | 9[illegible] | 90.1 | 90.3 | 90.3 | 90.5 | 90.5 | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 12000 | 90.7 | 91.1 | 91.4 | 91.5 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 10000 | 2.6 | 93.0 | 93.3 | 93.5 | 93.6 | 93.6 | 93.9 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 9000 | 93.0 | 93.6 | 93.9 | 94.0 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 8000 | 93.3 | 93.9 | 94.2 | 94.3 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 7000 | 2.7 | 94.3 | 94.4 | 94.7 | 94.8 | 94.9 | 95.1 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 6000 | 5.1 | 95.5 | 95.8 | 96.0 | 96.1 | 96.1 | 96.4 | 96.4 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 5000 | 96.8 | 96.4 | 96.7 | 96.8 | 96.9 | 96.9 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 4500 | 96.4 | 97.1 | 97.4 | 97.5 | 97.6 | 97.6 | 97.9 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 4000 | 96.4 | 97.1 | 97.4 | 97.5 | 97.6 | 97.6 | 97.9 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3500 | 96.8 | 97.6 | 97.8 | 97.9 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 3000 | 97.1 | 97.9 | 98.1 | 98.2 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2500 | 97.3 | 98.1 | 98.3 | 98.5 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 2000 | 97.6 | 98.5 | 98.7 | 98.9 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1800 | 97.7 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 97.9 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 97.9 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 97.9 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 97.9 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 97.9 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 97.9 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 97.9 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 97.9 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.9 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.9 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.9 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.9 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 7.6 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 712

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

# CEILING VERSUS VISIBILITY

[illegible] AIR [illegible] WEATHER SERVICE/MAC

[illegible] STATION | [illegible] STATION NAME | 73-6[illegible] YEARS | APR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (ST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 1/2 | ≥2 | ≥1 1/2 | ≥1 1/4 | ≥1 | ≥3/4 | ≥5/8 | ≥1/2 | ≥5/16 | ≥1/4 | ≥0 |
| NO CEILING | 7[illegible].9 | [illegible].3 | [illegible].4 | [illegible].7 | [illegible].8 | 1.[illegible] | [illegible]1.[illegible] | [illegible]1.3 | [illegible]1.[illegible] | [illegible]1.3 | [illegible]1.3 | [illegible]1.3 | [illegible]1.3 | [illegible]1.3 | [illegible]1.3 | [illegible]1.[illegible] |
| ≥ 20000 | [illegible].[illegible] | [illegible].1 | [illegible].7 | [illegible].9 | [illegible].6 | [illegible].[illegible] | [illegible].8 | [illegible].3 | [illegible].[illegible] | 89.[illegible] | [illegible].[illegible] | 89.[illegible] | 89.[illegible] | 89.[illegible] | 89.[illegible] | 89.[illegible] |
| ≥ 18000 | [illegible].[illegible] | [illegible].1 | [illegible].[illegible] | [illegible].5 | [illegible].6 | [illegible].8 | [illegible].8 | [illegible].[illegible] | [illegible].9 | [illegible].[illegible] | 89.[illegible] | 89.[illegible] | 89.[illegible] | 89.[illegible] | 89.[illegible] | [illegible].[illegible] |
| ≥ 16000 | [illegible].9 | [illegible].3 | [illegible].[illegible] | [illegible].8 | [illegible].9 | 89.[illegible] | 89.[illegible] | 89.3 | 89. | 89.3 | 89.[illegible] | 89.3 | 89.3 | 89.[illegible] | 89.3 | 89.3 |
| ≥ 14000 | [illegible].8 | [illegible].9 | [illegible] | [illegible].3 | [illegible].4 | [illegible].6 | [illegible].[illegible] | [illegible].6 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].6 | [illegible].6 | [illegible].[illegible] | [illegible].8 | [illegible].6 |
| ≥ 12000 | [illegible].[illegible] | [illegible].4 | [illegible].[illegible] | [illegible].9 | [illegible].1 | [illegible].[illegible] | [illegible].[illegible] | 2.2 | [illegible].[illegible] | [illegible].5 | [illegible].[illegible] | [illegible].6 | [illegible].5 | [illegible].[illegible] | [illegible].5 | [illegible].5 |
| ≥ 10000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].4 | [illegible].5 | [illegible].6 | [illegible].6 | [illegible].6 | [illegible].[illegible] | [illegible].9 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].9 |
| ≥ 9000 | 1.[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].3 | [illegible].5 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 8000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].8 | 93.9 | [illegible].9 | [illegible].9 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].5 | [illegible].6 |
| ≥ 7000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 6000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 5000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 4500 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 4000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 3500 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 3000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 2500 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 2000 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 1800 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 1500 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 1200 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 1000 | [illegible].[illegible] | [illegible].[illegible] | [illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 900 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 800 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 700 | [illegible].1 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 500 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 400 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 300 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 200 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 100 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 0 | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] | [illegible].[illegible] |

TOTAL NUMBER OF OBSERVATIONS 720

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

# CEILING VERSUS VISIBILITY

[illegible] FAC
[illegible] SERVICE/MAC

2 [illegible] / [illegible] AAF TX (EL PASO) 73-8 APR
STATION / STATION NAME / YEARS / MONTH

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

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | [illegible] | 76.2 | 75.9 | 75.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 20000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 18000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 16000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 14000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 12000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 10000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 9000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 8000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 7000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 6000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 5000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 900 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 700 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 600 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 400 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 300 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 100 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS 719

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

# CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH APR

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

HOURS LST 1400-2600

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 76.5 | 79.5 | 80.[illegible] | [illegible] | [illegible] | [illegible] | 80.3 | [illegible] | 80.7 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 20000 | [illegible] | 87.9 | 87.9 | 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 |
| ≥ 18000 | [illegible] | [illegible] | 88.9 | [illegible] | [illegible] | [illegible] | 88.4 | [illegible] | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 89.5 | 89.5 |
| ≥ 16000 | [illegible] | 87.9 | 88.9 | [illegible] | [illegible] | [illegible] | 88.6 | [illegible] | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 89.6 | 89.6 |
| ≥ 14000 | [illegible] | [illegible] | 89.2 | 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 |
| ≥ 12000 | 6.[illegible] | [illegible] | 91.2 | 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 |
| ≥ 10000 | [illegible] | 92.5 | 92.[illegible] | 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 |
| ≥ 9000 | [illegible] | [illegible] | [illegible] | 93.5 | [illegible] | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 8000 | [illegible] | 93.7 | 94.[illegible] | [illegible] | [illegible] | [illegible] | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 7000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 6000 | [illegible] | [illegible] | 97.[illegible] | 97.4 | 97.5 | 97.6 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 5000 | [illegible] | [illegible] | 97.5 | [illegible] | [illegible] | [illegible] | 98.7 | [illegible] | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4000 | [illegible] | 98.1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 719

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...AFSC

# CEILING VERSUS VISIBILITY

| ... STATION | ... STATION NAME | 73-8... YEARS | AP... MONTH |
|---|---|---|---|

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

0100-2300 HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 78.7 | 83.4 | 83.9 | [illegible] | 83.9 | 83.9 | 83.9 | [illegible] | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | [illegible] |
| ≥ 20000 | 79.3 | 89.3 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 18000 | 83.7 | 89.3 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 16000 | 79.4 | 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 |
| ≥ 14000 | 90.4 | 89.7 | 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 |
| ≥ 12000 | 91.9 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 10000 | 92.1 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 9000 | 92.4 | 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 | 94.0 |
| ≥ 8000 | 95.0 | 95.7 | 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 |
| ≥ 7000 | 96.2 | 96.4 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 6000 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 5000 | 97.2 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 4500 | 98.1 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 4000 | 98.2 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 3500 | 98.2 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3000 | 98.2 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2500 | 98.2 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2000 | 98.2 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | 98.2 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | 98.2 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 98.2 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 98.2 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 98.2 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 98.2 | 99.4 | 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 |
| ≥ 700 | 98.2 | 99.4 | 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 |
| ≥ 600 | 98.2 | 99.4 | 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 |
| ≥ 500 | 98.2 | 99.4 | 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 |
| ≥ 400 | 98.2 | 99.4 | 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 |
| ≥ 300 | 98.2 | 99.4 | 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 |
| ≥ 200 | 98.2 | 99.4 | 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 | 98.2 | 99.4 | 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 |
| ≥ 0 | 98.2 | 99.4 | 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 |

TOTAL NUMBER OF OBSERVATIONS 720

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

# CEILING VERSUS VISIBILITY

[illegible] SERVICE/MAC

[illegible] STATION | [illegible] STATION NAME | [illegible] YEARS | APR MONTH

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

ALL HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 |
| NO CEILING | 77.1 | [illegible] | 81.4 | [illegible] | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 | 81.9 | 81.9 | 81.8 | 81.8 |
| ≥ 20000 | 3.4 | [illegible] | 88.7 | 3.3 | [illegible] | [illegible] | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 18000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 16000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 14000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 12000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 10000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 9000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 8000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 7000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 6000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 5000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 900 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 700 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 600 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 400 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 300 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 100 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS 5756

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

...AL CLIMATOLOGY PROGRAM
...ER SERVICE/...

# CEILING VERSUS VISIBILITY

... STATION | ...ARITY (EL PASO) STATION NAME | 73-... YEARS | MAY MONTH

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

...00E-...00E HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 20000 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 18000 | 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 | 87.6 | 87.6 |
| ≥ 16000 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 14000 | 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 | 89.8 |
| ≥ 12000 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 10000 | 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 | 95.0 |
| ≥ 9000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 8000 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 7000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 6000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 5000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 4500 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 4000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 3500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 3000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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 744

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

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

# CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] AAF TX (EL PASO) STATION NAME | 73-8[illegible] YEARS | MAY MONTH

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

1300-2500 HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 74.6 | 82.[illegible] | 87.[illegible] | 92.6 | 93.2 | 2.3 | 93.7 | 93.8 | 93.[illegible] | 94.0 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 20000 | 76.3 | 83.[illegible] | 87.[illegible] | 92.[illegible] | 93.[illegible] | 93.6 | 93.9 | 93.8 | 93.9 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 18000 | 76.3 | 83.2 | 87.[illegible] | 92.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.[illegible] | 93.2 | 93.[illegible] | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 16000 | 76.4 | 83.6 | 87.6 | 92.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 14000 | 81.[illegible] | 89.8 | 89.[illegible] | 89.8 | 89.[illegible] | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.[illegible] | 89.[illegible] | 89.[illegible] | 89.8 | 89.8 | 89.8 |
| ≥ 12000 | 83.[illegible] | 92.2 | 92.[illegible] | 92.2 | 92.2 | 92.[illegible] | 92.2 | 92.2 | 92.[illegible] | 92.[illegible] | 92.[illegible] | 92.[illegible] | 92.[illegible] | 92.2 | 92.2 | 92.2 |
| ≥ 10000 | 85.[illegible] | 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 | 86.[illegible] | 95.[illegible] | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.[illegible] | 95.[illegible] | 95.[illegible] | 95.6 | 95.6 | 95.6 |
| ≥ 8000 | 87.4 | 96.2 | 96.[illegible] | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.[illegible] | 96.[illegible] | 96.2 | 96.[illegible] | 96.2 | 96.2 |
| ≥ 7000 | 87.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] | 96.[illegible] |
| ≥ 6000 | 88.[illegible] | 97.6 | 97.[illegible] | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.[illegible] | 97.6 | 97.[illegible] | 97.[illegible] | 97.[illegible] | 97.[illegible] | 97.6 | 97.6 |
| ≥ 5000 | 89.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] |
| ≥ 4500 | 89.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] |
| ≥ 4000 | 89.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] |
| ≥ 3500 | 89.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.[illegible] |
| ≥ 3000 | 89.[illegible] | 99.2 | 99.[illegible] | 99.3 | 99.3 | 99.3 | 99.[illegible] | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2500 | 90.[illegible] | 99.[illegible] | 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 |
| ≥ 2000 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 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 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 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 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 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 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 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 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 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 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 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 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 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 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 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 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 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 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 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 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 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 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 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 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 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 | 90.[illegible] | 99.[illegible] | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 44

USAF ETAC FORM 10L64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | MAY (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 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 | 80.8 |
| ≥ 20000 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 18000 | 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 | 87.6 | 87.6 |
| ≥ 16000 | 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 | 88.7 |
| ≥ 14000 | 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 | 89.8 |
| ≥ 12000 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 10000 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 9000 | 93.1 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 8000 | 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 | 94.2 |
| ≥ 7000 | 94.8 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 6000 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 5000 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 4500 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 4000 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3500 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 3000 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 2500 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2000 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1800 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1500 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1200 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1000 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) MAY (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 | 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 | 83.2 |
| ≥ 20000 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 18000 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 16000 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 14000 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 12000 | 93.8 | 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 |
| ≥ 10000 | 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 | 94.9 |
| ≥ 9000 | 95.0 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 8000 | 95.2 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 7000 | 95.6 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 6000 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 5000 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 4500 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 4000 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3500 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 3000 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 2500 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2000 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 1800 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 1500 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | MAY (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 20000 | 89.1 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 18000 | 89.1 | 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 |
| ≥ 16000 | 89.1 | 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 |
| ≥ 14000 | 90.2 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 12000 | 92.1 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 10000 | 92.5 | 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 |
| ≥ 9000 | 93.0 | 93.3 | 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 |
| ≥ 8000 | 93.9 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 7000 | 94.1 | 94.6 | 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 | 96.0 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 5000 | 96.8 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 4500 | 96.8 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 4000 | 97.8 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 3500 | 98.1 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 3000 | 98.8 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2500 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2000 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 743

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) MAY (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 73.7 | 73.9 | 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 |
| ≥ 20000 | 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 | 88.0 | 88.0 | 88.0 |
| ≥ 18000 | 87.8 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 16000 | 87.8 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 14000 | 88.8 | 89.2 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 12000 | 90.3 | 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 |
| ≥ 10000 | 91.4 | 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 | 91.8 | 92.2 | 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 | 92.6 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 7000 | 94.1 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 6000 | 96.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 5000 | 97.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 4500 | 97.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 4000 | 97.7 | 98.7 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 3500 | 97.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 3000 | 98.0 | 98.9 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 2500 | 98.0 | 98.9 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 2000 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1800 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1500 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 98.4 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 98.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

23044 (STATION) | ICGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | MAY (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 76.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 20000 | 84.7 | 85.9 | 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 | 86.0 |
| ≥ 18000 | 84.9 | 86.2 | 86.2 | 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 |
| ≥ 16000 | 85.1 | 86.3 | 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 |
| ≥ 14000 | 85.9 | 87.2 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 12000 | 88.7 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 10000 | 90.3 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 9000 | 91.1 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 8000 | 92.3 | 93.8 | 93.8 | 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 |
| ≥ 7000 | 94.4 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 6000 | 95.7 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 5000 | 96.2 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 4500 | 96.4 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 4000 | 96.5 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 3500 | 96.6 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 3000 | 96.8 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2500 | 96.8 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2000 | 96.8 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1800 | 96.8 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1500 | 96.8 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 96.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 96.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 96.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 96.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 96.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 96.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 96.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 96.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 96.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 96.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) MAY (MONTH)

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

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 72.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 20000 | 77.8 | 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 |
| ≥ 18000 | 77.8 | 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 | 78.1 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 14000 | 78.8 | 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 |
| ≥ 12000 | 81.3 | 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 |
| ≥ 10000 | 82.9 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 9000 | 84.0 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 8000 | 84.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 7000 | 86.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 6000 | 86.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 5000 | 87.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 4500 | 87.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 4000 | 87.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 3500 | 87.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 3000 | 87.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2500 | 87.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2000 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 87.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 743

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

23044 (STATION) GIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) MAY (MONTH)

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

ALL (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 76.3 | 79.7 | 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 |
| ≥ 20000 | 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 |
| ≥ 18000 | 84.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 16000 | 84.6 | 88.5 | 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 |
| ≥ 14000 | 85.3 | 89.9 | 89.9 | 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 |
| ≥ 12000 | 87.5 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 10000 | 88.9 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 9000 | 89.6 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 8000 | 90.4 | 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 | 91.3 | 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 | 92.6 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 5000 | 93.3 | 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 |
| ≥ 4500 | 93.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 4000 | 93.7 | 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 | 98.8 |
| ≥ 3500 | 93.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 3000 | 94.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 2500 | 94.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2000 | 94.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1800 | 94.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1500 | 94.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 94.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 94.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 94.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 94.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 94.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 94.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 94.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 94.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 94.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 94.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 94.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 94.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 5950

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

23L44 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | JUN (MONTH)

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

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 71.1 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 20000 | 74.2 | 84.4 | 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 |
| ≥ 18000 | 74.4 | 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 | 84.9 |
| ≥ 16000 | 74.6 | 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 |
| ≥ 14000 | 75.9 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 12000 | 79.4 | 90.3 | 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 |
| ≥ 10000 | 80.3 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 9000 | 81.3 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 8000 | 82.8 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 7000 | 84.7 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 6000 | 85.7 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 5000 | 86.1 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 4500 | 86.1 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 4000 | 86.9 | 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 |
| ≥ 3500 | 86.8 | 99.4 | 99.6 | 99.6 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 3000 | 86.8 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2500 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 86.9 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 720

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 80.4 | 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 | 85.7 |
| ≥ 20000 | 82.0 | 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 |
| ≥ 18000 | 82.9 | 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 | 88.2 |
| ≥ 16000 | 83.4 | 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 |
| ≥ 14000 | 84.5 | 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 |
| ≥ 12000 | c | 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 | 88.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 9000 | 89.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 8000 | 90.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 7000 | 91.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 6000 | 91.8 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 5000 | 92.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 4500 | 92.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 4000 | 92.9 | 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 | 99.7 |
| ≥ 3500 | 92.9 | 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 | 99.7 |
| ≥ 3000 | 93.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2500 | 93.2 | 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 | 100.0 |
| ≥ 2000 | 93.2 | 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 | 100.0 |
| ≥ 1800 | 93.2 | 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 | 100.0 |
| ≥ 1500 | 93.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 93.2 | 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 | 100.0 |
| ≥ 1000 | 93.2 | 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 | 100.0 |
| ≥ 900 | 3. | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 93.2 | 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 | 100.0 |
| ≥ 700 | 93.2 | 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 | 100.0 |
| ≥ 600 | 93.2 | 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 | 100.0 |
| ≥ 500 | 93.2 | 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 | 100.0 |
| ≥ 400 | 93.2 | 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 | 100.0 |
| ≥ 300 | 93.2 | 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 | 100.0 |
| ≥ 200 | 93.2 | 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 | 100.0 |
| ≥ 100 | 93.2 | 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 | 100.0 |
| ≥ 0 | 93.2 | 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 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 718

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

23044 (STATION) | BIGGS AFF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 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 | 87.8 |
| ≥ 20000 | 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 | 91.1 |
| ≥ 18000 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 16000 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 14000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 12000 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 10000 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 9000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 8000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 7000 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 6000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 5000 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4500 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4000 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 3500 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 3000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 2500 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.9 | 100.0 | 100.0 | 100.0 | 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 | 99.9 | 100.0 | 100.0 | 100.0 | 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 719

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 20000 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 18000 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 16000 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 14000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 12000 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 10000 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 9000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 8000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 7000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 6000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 5000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 4500 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 4000 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 3500 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 3000 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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 720

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

23044 (STATION) | 3TGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS IN LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥⅜ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 20000 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 18000 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 16000 | 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 | 94.1 |
| ≥ 14000 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 12000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 10000 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 9000 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 8000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 7000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 6000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 5000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 3500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 3000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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 717

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 80.1 | 80.1 | 80.3 | 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 |
| ≥ 20000 | 90.1 | 90.3 | 90.4 | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 18000 | 90.1 | 90.3 | 90.4 | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90. | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 16000 | 90.3 | 90.4 | 90.5 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90. | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 14000 | 90.4 | 90.5 | 90.7 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 12000 | 91.9 | 92.1 | 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 |
| ≥ 10000 | 93.3 | 93.5 | 93.7 | 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 |
| ≥ 9000 | 93.5 | 93.6 | 93.9 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 8000 | 94.7 | 94.8 | 94.7 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 7000 | 95.7 | 95.8 | 96.2 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 6000 | 97.9 | 98.1 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 5000 | 98.2 | 98.5 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 4500 | 98.3 | 98.6 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 4000 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.6 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 719

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

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

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

This report is a six-part statisitical summary of surface weather observations for Biggs AAF, El Paso, 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) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1473

UNCLASSIFIED

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

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.

GLOBAL CLIMATOLOGY BRANCH
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# CEILING VERSUS VISIBILITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 74.3 | 74.7 | 74.7 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 20000 | 85.7 | 86.5 | 86.5 | 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 |
| ≥ 18000 | 85.7 | 86.5 | 86.5 | 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 |
| ≥ 16000 | 85.8 | 86.7 | 86.7 | 86.8 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 14000 | 87.4 | 88.2 | 88.2 | 88.5 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 12000 | 89.9 | 91.0 | 91.0 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 10000 | 90.8 | 92.2 | 92.2 | 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 |
| ≥ 9000 | 91.0 | 92.4 | 92.4 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 8000 | 92.9 | 94.4 | 94.4 | 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 |
| ≥ 7000 | 94.4 | 96.3 | 96.3 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 6000 | 96.9 | 98.8 | 98.8 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 5000 | 96.9 | 99.0 | 99.0 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 4500 | 96.9 | 99.0 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 4000 | 96.9 | 99.0 | 99.2 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 3500 | 96.9 | 99.0 | 99.2 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 3000 | 97.1 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 97.1 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 97.1 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 97.1 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 97.1 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 97.1 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 97.1 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 97.1 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 97.1 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 97.1 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 97.1 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 97.1 | 99.2 | 99.3 | 99.6 | 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 | 97.1 | 99.2 | 99.3 | 99.6 | 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 | 97.1 | 99.2 | 99.3 | 99.6 | 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 | 97.1 | 99.2 | 99.3 | 99.6 | 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 | 97.1 | 99.2 | 99.3 | 99.6 | 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 | 97.1 | 99.2 | 99.3 | 99.6 | 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 720

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

23044 (STATION) FIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 73.9 | 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 | 79.3 |
| ≥ 20000 | 77.1 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 18000 | 77.1 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 16000 | 77.1 | 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 | 83.4 |
| ≥ 14000 | 78.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 12000 | 82.9 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 10000 | 83.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 9000 | 84.1 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 8000 | 86.0 | 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 | 95.1 | 95.1 |
| ≥ 7000 | 87.5 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 6000 | 88.2 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 5000 | 88.3 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 4500 | 88.3 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 4000 | 88.6 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3500 | 88.6 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3000 | 88.6 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2500 | 88.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2000 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 1800 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 1500 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 1200 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 1000 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 900 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 800 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 700 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 600 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 500 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 400 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 300 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 200 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 100 | 88.6 | 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 | 100.0 | 100.0 |
| ≥ 0 | 88.6 | 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 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 719

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 81.0 | 83.6 | 83.6 | 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 |
| ≥ 20000 | 86.0 | 88.8 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 18000 | 86.1 | 88.9 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 16000 | 86.3 | 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 | 89.3 |
| ≥ 14000 | 87.9 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 12000 | 89.9 | 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 | 93.3 |
| ≥ 10000 | 91.. | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 9000 | 91.4 | 95.0 | 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 | 95.1 |
| ≥ 8000 | 92.4 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 7000 | 93.5 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 6000 | 94.4 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 5000 | 94.7 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 4500 | 94.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 4000 | 95.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3500 | 95.1 | 99.2 | 99.3 | 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 |
| ≥ 3000 | 95.2 | 99.3 | 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 | 99.6 |
| ≥ 2500 | 95.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2000 | 95.5 | 99.7 | 99.8 | 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 |
| ≥ 1800 | 95.5 | 99.7 | 99.8 | 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 |
| ≥ 1500 | 95.5 | 99.7 | 99.8 | 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 |
| ≥ 1200 | 95.5 | 99.7 | 99.8 | 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 |
| ≥ 1000 | 95.5 | 99.7 | 99.8 | 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 |
| ≥ 900 | 95.5 | 99.7 | 99.8 | 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 |
| ≥ 800 | 95.5 | 99.7 | 99.8 | 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 |
| ≥ 700 | 95.5 | 99.7 | 99.8 | 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 |
| ≥ 600 | 95.5 | 99.7 | 99.8 | 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 |
| ≥ 500 | 95.5 | 99.7 | 99.8 | 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 |
| ≥ 400 | 95.5 | 99.7 | 99.8 | 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 |
| ≥ 300 | 95.5 | 99.7 | 99.8 | 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 | 95.5 | 99.7 | 99.8 | 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 | 95.5 | 99.7 | 99.8 | 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 | 95.5 | 99.7 | 99.8 | 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 5752

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 | 54.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 20000 | 59.1 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 18000 | 59.1 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 16000 | 59.1 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 14000 | 61.8 | 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 |
| ≥ 12000 | 68.3 | 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 |
| ≥ 10000 | 72.6 | 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 | 83.5 |
| ≥ 9000 | 75.0 | 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 |
| ≥ 8000 | 78.0 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 7000 | 79.2 | 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 |
| ≥ 6000 | 80.5 | 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 | 81.9 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4500 | 82.1 | 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 |
| ≥ 4000 | 83.2 | 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 | 98.5 |
| ≥ 3500 | 83.6 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 3000 | 83.7 | 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 | 99.1 |
| ≥ 2500 | 83.7 | 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 | 99.1 |
| ≥ 2000 | 83.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1800 | 83.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1500 | 83.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 83.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 83.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 83.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 83.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 83.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 83.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 83.9 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 83.9 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 83.9 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 83.9 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 83.9 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 83.9 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | JUL (MONTH)

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

0300-0600 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 61.3 | 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 |
| ≥ 20000 | 67.5 | 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 | 72.2 |
| ≥ 18000 | 67.7 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 16000 | 68.4 | 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 | 73.1 |
| ≥ 14000 | 70.6 | 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 |
| ≥ 12000 | 75.1 | 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 | 80.5 | 80.5 |
| ≥ 10000 | 79.2 | 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 |
| ≥ 9000 | 81.4 | 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 |
| ≥ 8000 | 84.0 | 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 | 92.2 |
| ≥ 7000 | 85.8 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 6000 | 86.7 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 5000 | 87.4 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 4500 | 87.5 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 4000 | 88.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 3500 | 88.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 3000 | 88.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 2500 | 88.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 2000 | 88.8 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1800 | 88.8 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1500 | 88.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 88.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 88.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 88.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 88.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 88.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 88.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 88.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 88.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 88.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 88.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 88.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 88.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 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 | 69.2 | 69.2 | 69.2 |
| ≥ 20000 | 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 | 75.4 |
| ≥ 18000 | 75.7 | 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 | 75.9 |
| ≥ 16000 | 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 | 76.9 | 76.9 |
| ≥ 14000 | 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 | 79.4 | 79.4 |
| ≥ 12000 | 84.8 | 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 | 85.3 |
| ≥ 10000 | 88.8 | 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 |
| ≥ 9000 | 91.4 | 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 |
| ≥ 8000 | 93.7 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 7000 | 95.9 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 6000 | 96.6 | 97.2 | 97.3 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 5000 | 97.2 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 4500 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 4000 | 97.7 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 3500 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 3000 | 98.1 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 2500 | 98.4 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 2000 | 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 | 99.5 | 99.5 | 99.5 |
| ≥ 1800 | 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 | 99.5 | 99.5 | 99.5 |
| ≥ 1500 | 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 | 99.5 | 99.5 | 99.5 |
| ≥ 1200 | 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 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 98.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900 | 98.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 98.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 98.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 98.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

23044 (STATION) 23065 AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (MONTH)

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

0900-1100 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 74.5 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 20000 | 79.8 | 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 | 80.2 |
| ≥ 18000 | 80.8 | 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 |
| ≥ 16000 | 81.1 | 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 |
| ≥ 14000 | 82.8 | 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 |
| ≥ 12000 | 87.9 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 10000 | 91.9 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 9000 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 8000 | 94.1 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 7000 | 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 | 95.3 |
| ≥ 6000 | 95.7 | 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 |
| ≥ 5000 | 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 | 96.5 | 96.5 | 96.5 |
| ≥ 4500 | 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 | 96.5 | 96.5 | 96.5 |
| ≥ 4000 | 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 | 96.9 | 96.9 | 96.9 |
| ≥ 3500 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 3000 | 98.4 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2500 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 2000 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1800 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 1500 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 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 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS IN L.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 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 20000 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 18000 | 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 | 75.7 |
| ≥ 16000 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 14000 | 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 | 76.9 | 76.9 |
| ≥ 12000 | 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 | 81.2 |
| ≥ 10000 | 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 | 84.1 | 84.1 |
| ≥ 9000 | 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 | 84.5 | 84.5 |
| ≥ 8000 | 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 | 84.9 | 84.9 | 84.9 |
| ≥ 7000 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 6000 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 5000 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 4500 | 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 | 96.2 | 96.2 | 96.2 |
| ≥ 4000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 3500 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 3000 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2500 | 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 | 99.7 | 99.7 | 99.7 |
| ≥ 2000 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

| 23044 | BIGGS AAF TX (EL PASO) | 73-80 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| ≥ 20000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 18000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 16000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 14000 | 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 | 74.5 |
| ≥ 12000 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 10000 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 9000 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 8000 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 7000 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 6000 | 95.3 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 5000 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 4500 | 97.4 | 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 | 97.8 | 97.8 |
| ≥ 4000 | 98.9 | 99.1 | 99.3 | 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 |
| ≥ 3500 | 99.5 | 99.6 | 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 |
| ≥ 3000 | 99.5 | 99.6 | 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 |
| ≥ 2500 | 99.5 | 99.6 | 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 |
| ≥ 2000 | 99.5 | 99.6 | 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 |
| ≥ 1800 | 99.5 | 99.6 | 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 |
| ≥ 1500 | 99.5 | 99.6 | 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 |
| ≥ 1200 | 99.5 | 99.6 | 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 |
| ≥ 1000 | 99.5 | 99.6 | 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 |
| ≥ 900 | 99.5 | 99.6 | 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 |
| ≥ 800 | 99.5 | 99.6 | 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 |
| ≥ 700 | 99.5 | 99.6 | 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 |
| ≥ 600 | 99.5 | 99.6 | 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 |
| ≥ 500 | 99.5 | 99.6 | 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 | 99.5 | 99.6 | 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 | 99.5 | 99.6 | 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 | 99.5 | 99.6 | 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 | 99.5 | 99.6 | 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 | 99.5 | 99.6 | 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 744

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (MONTH)

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

1800-2000 (HOURS (EST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | ≥0 |
| NO CEILING | 51.6 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 20000 | 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 | 71.2 | 71.2 |
| ≥ 18000 | 70.6 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 16000 | 70.6 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 14000 | 72.0 | 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 | 73.4 |
| ≥ 12000 | 81.2 | 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 |
| ≥ 10000 | 84.4 | 85.3 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 9000 | 85.9 | 86.7 | 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 |
| ≥ 8000 | 89.1 | 90.3 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 7000 | 91.7 | 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 | 93.3 |
| ≥ 6000 | 95.2 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 5000 | 96.9 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 4500 | 97.3 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 4000 | 97.3 | 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 | 99.6 |
| ≥ 3500 | 97.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 3000 | 97.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2500 | 97.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2000 | 97.6 | 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 | 100.0 |
| ≥ 1800 | 97.6 | 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 | 100.0 |
| ≥ 1500 | 97.6 | 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 | 100.0 |
| ≥ 1200 | 97.6 | 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 | 100.0 |
| ≥ 1000 | 97.6 | 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 | 100.0 |
| ≥ 900 | 97.6 | 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 | 100.0 |
| ≥ 800 | 97.6 | 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 | 100.0 |
| ≥ 700 | 97.6 | 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 | 100.0 |
| ≥ 600 | 97.6 | 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 | 100.0 |
| ≥ 500 | 97.6 | 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 | 100.0 |
| ≥ 400 | 97.6 | 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 | 100.0 |
| ≥ 300 | 97.6 | 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 | 100.0 |
| ≥ 200 | 97.6 | 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 | 100.0 |
| ≥ 100 | 97.6 | 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 | 100.0 |
| 0 | 97.6 | 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 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

23044 (STATION) 8TGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 51.8 | 58.8 | 58.9 | 58.8 | 58.8 | 58.8 | 58.9 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 20000 | 59.9 | 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 | 68.0 |
| ≥ 18000 | 59.9 | 68. | 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 |
| ≥ 16000 | 60.0 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 8.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 14000 | 62.3 | 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 | 71.6 |
| ≥ 12000 | 69.7 | 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 | 80.2 |
| ≥ 10000 | 71.7 | 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 | 82.9 |
| ≥ 9000 | 73.8 | 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 | 85.3 |
| ≥ 8000 | 76.4 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 7000 | 77.8 | 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 |
| ≥ 6000 | 81.0 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 5000 | 82.2 | 98.0 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 4500 | 82.2 | 98.0 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 4000 | 82.8 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 3500 | 83.0 | 98.9 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 3000 | 83.3 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2500 | 83.3 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2000 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 83.3 | 99.2 | 99.2 | 99.6 | 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 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 83.3 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 743

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

...L CLIMATOLOGY BR NCH
...AFLTAC
A... WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23L44 (STATION) | 23GS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | JUL (MONTH)

ALL (HOURS (LST))

## 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 | 60.9 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 20000 | 70.5 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 18000 | 70.6 | 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 | 73.1 |
| ≥ 16000 | 70.9 | 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 |
| ≥ 14000 | 72.0 | 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 |
| ≥ 12000 | 78.5 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 10000 | 80.1 | 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 | 86.0 | 86.0 |
| ≥ 9000 | 83.8 | 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 | 87.9 |
| ≥ 8000 | 85.9 | 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 |
| ≥ 7000 | 87.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 6000 | 90.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 5000 | 91.7 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 4500 | 92.2 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 4000 | 92.8 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 3500 | 93.1 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 3000 | 93.6 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2500 | 93.7 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 2000 | 93.8 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1800 | 93.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1500 | 93.8 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 93.8 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 93.8 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 93.8 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 93.8 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 93.8 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 93.8 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 93.8 | 99.7 | 99.7 | 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 |
| ≥ 400 | 93.8 | 99.7 | 99.7 | 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 |
| ≥ 300 | 93.8 | 99.7 | 99.7 | 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 | 93.8 | 99.7 | 99.7 | 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 | 93.9 | 99.7 | 99.7 | 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 | 93.9 | 99.7 | 99.7 | 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 5951

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

23044 (STATION) | CTGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (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 | ≥½ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 56.9 | 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 | 67.2 | 67.2 |
| ≥ 20000 | 60.0 | 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 | 70.5 |
| ≥ 18000 | 60.0 | 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 | 70.5 |
| ≥ 16000 | 60.3 | 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 |
| ≥ 14000 | 62.9 | 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 | 73.4 |
| ≥ 12000 | 67.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 10000 | 72.1 | 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 | 84.1 | 84.1 |
| ≥ 9000 | 73.9 | 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 |
| ≥ 8000 | 75.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 7000 | 77.8 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 6000 | 79.5 | 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 | 94.9 |
| ≥ 5000 | 80.9 | 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 |
| ≥ 4500 | 81.4 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 4000 | 82.1 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3500 | 82.1 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3000 | 82.1 | 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 | 98.4 | 98.4 |
| ≥ 2500 | 82.2 | 98.4 | 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 |
| ≥ 2000 | 82.9 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1800 | 82.9 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1500 | 82.9 | 98.9 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1200 | 82.9 | 98.9 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1000 | 82.9 | 99.1 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 82.9 | 99.2 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 82.9 | 99.2 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 82.9 | 99.2 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 82.9 | 99.2 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 82.9 | 99.2 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 82.9 | 99.2 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 82.9 | 99.2 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 82.9 | 99.2 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 82.9 | 99.2 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 82.9 | 99.2 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0600 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 64.1 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 20000 | 67.2 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 18000 | 67.2 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 16000 | 67.2 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 14000 | 69.9 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 12000 | 74.6 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 10000 | 79.4 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 9000 | 80.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 8000 | 82.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 7000 | 83.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 6000 | 84.3 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 5000 | 85.9 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 4500 | 86.0 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 4000 | 86.8 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 3500 | 87.0 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3000 | 87.2 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 2500 | 86.3 | 98.3 | 98.4 | 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 |
| ≥ 2000 | 86.4 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1800 | 86.4 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1500 | 86.4 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 86.4 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 86.6 | 99.1 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 86.6 | 99.1 | 99.3 | 99.5 | 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 | 86.6 | 99.1 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 86.6 | 99.1 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 86.6 | 99.1 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 86.6 | 99.3 | 99.6 | 99.7 | 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 | 86.6 | 99.3 | 99.6 | 99.7 | 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 | 86.6 | 99.3 | 99.6 | 99.7 | 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 | 86.6 | 99.3 | 99.6 | 99.7 | 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 | 86.6 | 99.3 | 99.6 | 99.7 | 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 | 86.6 | 99.3 | 99.6 | 99.7 | 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 744

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) AUG (MONTH)

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

0600-0800 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 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 | 73.4 | 73.4 |
| ≥ 20000 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 18000 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 16000 | 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 | 79.3 |
| ≥ 14000 | 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 | 81.5 |
| ≥ 12000 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 10000 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 9000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 8000 | 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 | 95.0 |
| ≥ 7000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 6000 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 5000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 4500 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 4000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 3500 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 3000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 2500 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 2000 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1800 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1500 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1200 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 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 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.9 | 100.0 | 100.0 | 100.0 | 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 | 99.9 | 100.0 | 100.0 | 100.0 | 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 744

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATM WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 20000 | 83.7 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 18000 | 83.7 | 84.1 | 84.1 | 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 |
| ≥ 16000 | 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 | 84.1 |
| ≥ 14000 | 85.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 12000 | 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 | 90.9 |
| ≥ 10000 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 9000 | 93.8 | 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 |
| ≥ 8000 | 94.3 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 7000 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 6000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 5000 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 4500 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4000 | 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 | 97.2 |
| ≥ 3500 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 3000 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 2500 | 98.3 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 2000 | 98.8 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1800 | 98.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1500 | 99.2 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

23184 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 73.7 | 73.7 | 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 |
| ≥ 20000 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 18000 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 16000 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 14000 | 81.9 | 81.9 | 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 |
| ≥ 12000 | 86.3 | 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 |
| ≥ 10000 | 88.8 | 88.8 | 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 |
| ≥ 9000 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 8000 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 7000 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 6000 | 95.4 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 5000 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 4500 | 97.3 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 4000 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 3500 | 98.9 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 3000 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 2500 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 20000 | 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 | 77.8 |
| ≥ 18000 | 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 | 77.8 |
| ≥ 16000 | 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 | 77.8 |
| ≥ 14000 | 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 | 78.7 |
| ≥ 12000 | 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 | 84.3 | 84.3 |
| ≥ 10000 | 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 | 86.7 |
| ≥ 9000 | 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 | 87.8 |
| ≥ 8000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 7000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 6000 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 5000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 4500 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 4000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 3500 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 3000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1800 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 99.7 | 99.7 | 99.7 | 99.7 | 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 | 99.7 | 99.7 | 99.7 | 99.7 | 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 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 99.9 | 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 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 743

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

| 23044 | BIGGS AAF TX (EL PASO) | 73-80 | AUG |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 58.8 | 60.2 | 60.3 | 60.5 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 20000 | 70.6 | 72.6 | 72.7 | 72.9 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 18000 | 70.6 | 72.6 | 72.7 | 72.9 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 16000 | 71.1 | 73.1 | 73.3 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 14000 | 72.2 | 74.3 | 74.6 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 12000 | 79.5 | 81.8 | 81.9 | 82.1 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 10000 | 83.1 | 85.8 | 86.0 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 9000 | 84.9 | 87.6 | 87.7 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 8000 | 87.6 | 90.7 | 90.8 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 7000 | 90.0 | 93.9 | 94.2 | 94.3 | 94.3 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 6000 | 92.7 | 96.5 | 96.8 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 5000 | 93.9 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 4500 | 94.3 | 98.2 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 4000 | 94.7 | 98.7 | 98.9 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 3500 | 94.7 | 98.8 | 99.1 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 3000 | 95.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2500 | 95.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2000 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 741

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

23044 (BIGGS AAF TX (EL PASO)) 73-80 AUG

STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 54.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.6 | 63.7 |
| ≥ 20000 | 58.4 | 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 | 69.1 | 69.2 |
| ≥ 18000 | 58.4 | 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 | 69.1 | 69.2 |
| ≥ 16000 | 58.3 | 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 | 70.0 | 70.2 |
| ≥ 14000 | 61.0 | 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 | 72.1 | 72.2 |
| ≥ 12000 | 66.0 | 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 | 78.8 | 78.9 |
| ≥ 10000 | 70.0 | 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 | 84.8 | 84.9 |
| ≥ 9000 | 72.2 | 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 | 88.1 | 88.3 |
| ≥ 8000 | 73.4 | 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 | 90.6 | 90.7 |
| ≥ 7000 | 76.4 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 94.1 |
| ≥ 6000 | 78.1 | 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 | 95.8 | 96.0 |
| ≥ 5000 | 79.6 | 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 | 97.6 | 97.7 |
| ≥ 4500 | 80.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.4 | 98.5 |
| ≥ 4000 | 81.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.6 |
| ≥ 3500 | 81.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.6 |
| ≥ 3000 | 81.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 |
| ≥ 2500 | 81.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 |
| ≥ 2000 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 1800 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 1500 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 1200 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 1000 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 900 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 800 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 700 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 600 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 500 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 400 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 300 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 200 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 100 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 0 | 81.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 741

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-89 (YEARS) AUG (MONTH)

ALL (HOURS LST)

## 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 | 65.5 | 69.1 | 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 | 69.2 |
| ≥ 20000 | 72.2 | 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 | 76.2 | 76.2 |
| ≥ 18000 | 72.2 | 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 | 76.2 | 76.2 |
| ≥ 16000 | 72.5 | 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 | 76.5 | 76.5 |
| ≥ 14000 | 74.2 | 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 | 78.3 | 78.3 |
| ≥ 12000 | 79.5 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 10000 | 82.9 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 |
| ≥ 9000 | 84.9 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 8000 | 85.9 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 7000 | 88.2 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 |
| ≥ 6000 | 89.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 5000 | 91.1 | 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 | 97.5 | 97.5 |
| ≥ 4500 | 91.4 | 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 | 97.9 |
| ≥ 4000 | 92.0 | 98.3 | 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 |
| ≥ 3500 | 92.3 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 3000 | 92.5 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 2500 | 92.7 | 99.1 | 99.2 | 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 |
| ≥ 2000 | 92.8 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1800 | 92.9 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥ 1500 | 92.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 1200 | 93.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1000 | 93.0 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 900 | 93.0 | 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 | 99.9 | 99.9 |
| ≥ 800 | 93.0 | 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 | 99.9 | 99.9 |
| ≥ 700 | 93.0 | 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 | 99.9 | 99.9 |
| ≥ 600 | 93.0 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 93.0 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 400 | 93.0 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 300 | 93.0 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 93.0 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 93.0 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 93.0 | 99.6 | 99.8 | 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 5944

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 57.6 | 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 | 60.0 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 18000 | 60.8 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 16000 | 60.8 | 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 | 72.6 |
| ≥ 14000 | 62.2 | 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 | 74.2 |
| ≥ 12000 | 67.1 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 10000 | 69.9 | 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 |
| ≥ 9000 | 70.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 8000 | 72.4 | 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 | 85.4 |
| ≥ 7000 | 72.6 | 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 |
| ≥ 6000 | 75.1 | 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 |
| ≥ 5000 | 76.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 4500 | 76.4 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 4000 | 77.5 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 3500 | 77.6 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 3000 | 78.8 | 94.3 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 2500 | 79.9 | 96.1 | 96.5 | 96.5 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 2000 | 80.4 | 97.2 | 97.9 | 97.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1800 | 80.4 | 97.2 | 98.1 | 98.2 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1500 | 80.4 | 97.6 | 98.6 | 98.8 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1200 | 80.4 | 97.9 | 98.9 | 99.0 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 80.4 | 97.9 | 98.9 | 99.0 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 80.4 | 98.1 | 99.0 | 99.2 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 80.4 | 98.1 | 99.0 | 99.2 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 80.4 | 98.1 | 99.0 | 99.2 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 80.4 | 98.1 | 99.0 | 99.2 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 80.4 | 98.1 | 99.0 | 99.2 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 80.4 | 98.1 | 99.0 | 99.2 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 80.4 | 98.1 | 99.0 | 99.2 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 80.4 | 98.1 | 99.0 | 99.2 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 80.4 | 98.1 | 99.0 | 99.2 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 80.4 | 98.1 | 99.0 | 99.2 | 99.4 | 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 720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 60.3 | 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 | 69.2 | 69.2 |
| ≥ 20000 | 61.4 | 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 | 71.4 | 71.4 |
| ≥ 18000 | 61.4 | 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 | 71.4 | 71.4 |
| ≥ 16000 | 61.9 | 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 | 71.9 |
| ≥ 14000 | 62.8 | 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 | 73.1 | 73.1 |
| ≥ 12000 | 66.9 | 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 |
| ≥ 10000 | 69.0 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 9000 | 70.3 | 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 |
| ≥ 8000 | 71.9 | 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 |
| ≥ 7000 | 71.9 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 6000 | 73.3 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 5000 | 74.9 | 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 |
| ≥ 4500 | 75.6 | 89.6 | 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 |
| ≥ 4000 | 76.5 | 91.3 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 3500 | 77.4 | 92.2 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 3000 | 77.9 | 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 | 93.6 |
| ≥ 2500 | 79.3 | 96.3 | 96.4 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 2000 | 79.6 | 97.2 | 97.5 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 1800 | 79.6 | 97.6 | 98.2 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.6 |
| ≥ 1500 | 79.6 | 97.9 | 98.3 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 79.6 | 98.1 | 98.6 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 79.6 | 98.1 | 98.6 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 79.6 | 98.1 | 98.6 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 79.7 | 98.2 | 98.8 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 79.7 | 98.3 | 98.9 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 79.7 | 98.3 | 98.9 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 79.7 | 98.3 | 98.9 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 79.7 | 98.3 | 98.9 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 79.7 | 98.3 | 98.9 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 79.7 | 98.3 | 98.9 | 99.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 79.7 | 98.3 | 98.9 | 99.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 79.7 | 98.3 | 98.9 | 99.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 720

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 67.6 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 20000 | 70.6 | 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 | 71.8 |
| ≥ 18000 | 71.1 | 71.9 | 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 |
| ≥ 16000 | 71.8 | 72.6 | 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 |
| ≥ 14000 | 72.9 | 73.9 | 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 | 74.0 |
| ≥ 12000 | 77.1 | 78.9 | 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 |
| ≥ 10000 | 79.7 | 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 | 81.3 |
| ≥ 9000 | 81.1 | 82.5 | 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 |
| ≥ 8000 | 82.6 | 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 |
| ≥ 7000 | 82.9 | 84.4 | 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 |
| ≥ 6000 | 85.1 | 86.7 | 86.8 | 86.8 | 86.9 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 5000 | 86.8 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 4500 | 87.9 | 89.0 | 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 |
| ≥ 4000 | 88.7 | 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 | 90.0 |
| ≥ 3500 | 89.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 3000 | 90.7 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 2500 | 91.7 | 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 | 94.0 | 94.0 |
| ≥ 2000 | 94.2 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1800 | 94.9 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1500 | 95.3 | 97.8 | 97.9 | 98.2 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1200 | 95.4 | 98.2 | 98.3 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1000 | 95.7 | 98.6 | 98.8 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 95.7 | 98.8 | 98.8 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 95.7 | 98.8 | 98.8 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 95.7 | 98.8 | 98.9 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 95.7 | 98.8 | 98.9 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 95.7 | 98.8 | 98.9 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 95.7 | 98.8 | 98.9 | 99.3 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.7 | 98.8 | 98.9 | 99.3 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.7 | 98.8 | 98.9 | 99.3 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.7 | 98.8 | 98.9 | 99.3 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 95.7 | 98.8 | 98.9 | 99.3 | 99.4 | 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 720

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | SEP (MONTH)

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

0900-1100 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 71.1 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 20000 | 74.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 18000 | 74.7 | 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 | 76.0 | 76.0 |
| ≥ 16000 | 75.7 | 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 | 76.9 |
| ≥ 14000 | 76.9 | 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 |
| ≥ 12000 | 79.3 | 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 |
| ≥ 10000 | 81.0 | 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 |
| ≥ 9000 | 81.7 | 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 |
| ≥ 8000 | 82.4 | 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 |
| ≥ 7000 | 84.3 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 6000 | 85.4 | 86.9 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 5000 | 86.4 | 87.9 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 4500 | 87.2 | 88.8 | 88.8 | 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 |
| ≥ 4000 | 88.1 | 89.7 | 89.7 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 3500 | 89.3 | 91.1 | 91.1 | 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 |
| ≥ 3000 | 90.4 | 92.2 | 92.2 | 92.2 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 2500 | 91.9 | 93.8 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 2000 | 93.6 | 95.7 | 95.7 | 95.7 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1800 | 93.9 | 96.1 | 96.1 | 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 |
| ≥ 1500 | 95.1 | 97.9 | 97.9 | 97.9 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1200 | 95.3 | 98.1 | 98.2 | 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 |
| ≥ 1000 | 95.4 | 98.3 | 98.5 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 900 | 95.4 | 98.3 | 98.5 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 800 | 95.4 | 98.3 | 98.5 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 700 | 95.7 | 98.6 | 98.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 95.7 | 98.9 | 98.9 | 98.8 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 95.7 | 98.6 | 98.8 | 98.8 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 95.7 | 98.6 | 98.8 | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.7 | 98.8 | 98.8 | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.7 | 98.8 | 98.8 | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.7 | 98.8 | 98.8 | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.7 | 98.8 | 98.8 | 98.8 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 720

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
[illegible] WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2[illegible]4 STATION | [illegible]GOS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | SEP MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 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 | 72.2 | 72.2 |
| ≥ 20000 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 18000 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 16000 | 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 | 77.8 |
| ≥ 14000 | 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 | 78.3 |
| ≥ 12000 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 10000 | 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 | 82.9 |
| ≥ 9000 | 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 | 83.2 |
| ≥ 8000 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 7000 | 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 | 84.7 | 84.7 |
| ≥ 6000 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 5000 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 4500 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 4000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 3500 | 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 | 92.2 | 92.2 |
| ≥ 3000 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 2500 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 2000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1800 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1500 | 97.2 | 96.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1200 | 97.5 | 98.5 | 98.5 | 98.6 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 97.6 | 98.6 | 98.6 | 98.8 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 97.6 | 98.8 | 98.8 | 98.8 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 97.6 | 98.8 | 98.8 | 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 |
| ≥ 700 | 97.6 | 98.9 | 98.8 | 98.9 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 97.6 | 98.8 | 98.8 | 98.9 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 97.6 | 98.8 | 98.8 | 98.9 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.6 | 98.8 | 98.8 | 98.9 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.6 | 98.8 | 98.8 | 98.9 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.6 | 98.8 | 98.8 | 98.9 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.6 | 98.8 | 98.8 | 98.9 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 97.6 | 98.8 | 98.8 | 98.9 | 99.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 720

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) SEP (MONTH)

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

1500-1700 (HOURS LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 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 | 69.3 | 69.3 |
| ≥ 20000 | 77.6 | 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 |
| ≥ 18000 | 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 | 78.3 | 78.3 | 78.3 |
| ≥ 15000 | 78.2 | 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 |
| ≥ 14000 | 79.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 12000 | 82.8 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 10000 | 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 | 85.3 | 85.3 |
| ≥ 9000 | 85.4 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 8000 | 86.9 | 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 |
| ≥ 7000 | 88.8 | 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 |
| ≥ 6000 | 90.8 | 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 | 91.4 |
| ≥ 5000 | 92.2 | 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 |
| ≥ 4500 | 92.8 | 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 |
| ≥ 4000 | 93.3 | 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 |
| ≥ 3500 | 94.3 | 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 |
| ≥ 3000 | 95.4 | 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 |
| ≥ 2500 | 96.8 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 2000 | 98.1 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1800 | 98.1 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1500 | 98.2 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1200 | 98.3 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 98.3 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 98.2 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 98.2 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 98.6 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 98.1 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 98.3 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.2 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.1 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.2 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.2 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.2 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 720

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

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2 ,44 (STATION) | BIGG. AAF TX (EL PASO) (STATION NAME) | 42-79 (YEARS) | SEP (MONTH)

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

1800-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 65.5 | 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 | 66.5 |
| ≥ 20000 | 72.9 | 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 | 75.1 | 75.1 |
| ≥ 18000 | 72.9 | 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 | 75.1 | 75.1 |
| ≥ 16000 | 73.0 | 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 |
| ≥ 14000 | 74.1 | 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 | 76.5 |
| ≥ 12000 | 78.9 | 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 |
| ≥ 10000 | 81.4 | 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 | 84.1 |
| ≥ 9000 | 83.3 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 8000 | 84.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 7000 | 85.5 | 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 | 88.7 |
| ≥ 6000 | 87.3 | 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 |
| ≥ 5000 | 89.2 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 4500 | 89.8 | 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 |
| ≥ 4000 | 90.5 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 3500 | 91.5 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 3000 | 93.2 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 2500 | 93.9 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 2000 | 94.2 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1800 | 94.2 | 98.6 | 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 |
| ≥ 1500 | 94.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 94.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 94.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 94.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 94.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 94.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 94.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 94.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 94.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 94.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 94.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 94.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 94.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 719

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS CST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 58.6 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 20000 | 61.7 | 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 |
| ≥ 18000 | 61.8 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 16000 | 62.1 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥ 14000 | 63.5 | 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 | 73.2 |
| ≥ 12000 | 70.0 | 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 |
| ≥ 10000 | 74.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 9000 | 75.6 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 8000 | 76.8 | 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 | 88.5 |
| ≥ 7000 | 77.4 | 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 | 89.6 |
| ≥ 6000 | 78.2 | 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 |
| ≥ 5000 | 80.3 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 4500 | 80.8 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 4000 | 86.7 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 3500 | 91.9 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 3000 | 93.2 | 96.9 | 97.1 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2500 | 93.6 | 98.5 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2000 | 93.6 | 98.5 | 98.6 | 98.8 | 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 | 93.6 | 98.9 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1500 | 93.6 | 99.0 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 93.6 | 99.1 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 93.6 | 99.0 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 93.6 | 99.0 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 93.6 | 99.2 | 99.3 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 93.6 | 99.2 | 99.3 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 93.6 | 99.2 | 99.3 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 93.6 | 99.2 | 99.3 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 93.6 | 99.2 | 99.3 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 93.6 | 99.2 | 99.3 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 93.6 | 99.2 | 99.3 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 93.6 | 99.2 | 99.3 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 93.6 | 99.2 | 99.3 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 720

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

23,44 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) SEP (MONTH)

ALL (HOURS (LST))

## 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 | 65.2 | 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 | 69.1 |
| ≥ 20000 | 69.5 | 73.9 | 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 | 74.0 |
| ≥ 18000 | 69.8 | 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 |
| ≥ 16000 | 70.7 | 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 | 74.7 |
| ≥ 14000 | 71.3 | 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 |
| ≥ 12000 | 75.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 10000 | 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 |
| ≥ 9000 | 78.9 | 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 | 84.1 |
| ≥ 8000 | 80.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 7000 | 81.0 | 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 |
| ≥ 6000 | 82.4 | 88.9 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 5000 | 84.3 | 90.3 | 90.3 | 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 |
| ≥ 4500 | 84.8 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 4000 | 85.7 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 3500 | 86.6 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 3000 | 87.9 | 94.7 | 94.8 | 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 |
| ≥ 2500 | 89.8 | 96.3 | 96.4 | 96.4 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 2000 | 90.0 | 97.5 | 97.7 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1800 | 90.1 | 97.8 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1500 | 90.4 | 98.3 | 98.6 | 98.7 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1200 | 90.9 | 98.4 | 98.7 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 90.4 | 98.9 | 98.9 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 90.0 | 98.8 | 98.9 | 99.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 90.6 | 98.8 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 90.6 | 98.7 | 99.0 | 99.2 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 90.8 | 98.7 | 99.0 | 99.2 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 90.8 | 98.7 | 99.0 | 99.2 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 90.8 | 98.7 | 99.0 | 99.2 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 90.8 | 98.7 | 99.0 | 99.2 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 90.8 | 98.7 | 99.0 | 99.2 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 90.8 | 98.7 | 99.0 | 99.2 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 90.8 | 98.7 | 99.0 | 99.2 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 5759

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 65.5 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 20000 | 67.9 | 82.3 | 82.9 | 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 |
| ≥ 18000 | 67.9 | 82.5 | 82.9 | 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 |
| ≥ 16000 | 67.5 | 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 |
| ≥ 14000 | 67.9 | 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 | 82.9 |
| ≥ 12000 | 69.4 | 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 | 85.6 |
| ≥ 10000 | 71.2 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 9000 | 71.6 | 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 |
| ≥ 8000 | 73.2 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 7000 | 73.5 | 91.4 | 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 |
| ≥ 6000 | 74.1 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 5000 | 74.9 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 4500 | 75.1 | 94.7 | 95.0 | 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 |
| ≥ 4000 | 75.1 | 94.9 | 95.1 | 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 |
| ≥ 3500 | 75.7 | 96.1 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 3000 | 76.1 | 96.6 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 2500 | 76.1 | 96.9 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2000 | 76.1 | 97.7 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 76.1 | 97.8 | 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 |
| ≥ 1500 | 76.1 | 98.0 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1200 | 76.1 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1000 | 76.1 | 98.5 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 900 | 76.1 | 98.6 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 76.1 | 98.1 | 99.2 | 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 |
| ≥ 700 | 76.1 | 98.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 76.1 | 98.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 76.1 | 98.2 | 99.3 | 99.3 | 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 | 76.1 | 98.2 | 99.3 | 99.3 | 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 | 76.1 | 98.4 | 99.5 | 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 | 76.1 | 98.4 | 99.5 | 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 | 76.1 | 98.4 | 99.5 | 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 | 76.1 | 98.4 | 99.5 | 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 742

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

23344 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (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 | 66.8 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 20000 | 68.6 | 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 |
| ≥ 18000 | 68.8 | 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 | 82.9 |
| ≥ 16000 | 68.8 | 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 | 82.9 |
| ≥ 14000 | 68.9 | 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 |
| ≥ 12000 | 70.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 10000 | 71.1 | 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 | 71.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 8000 | 72.3 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 7000 | 72.9 | 89.8 | 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 |
| ≥ 6000 | 73.9 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 5000 | 74.4 | 93.1 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 4500 | 74.7 | 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 |
| ≥ 4000 | 74.8 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 3500 | 75.2 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 3000 | 76.3 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 2500 | 76.3 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 2000 | 76.7 | 98.3 | 98.5 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1800 | 76.7 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1500 | 76.7 | 98.8 | 99.1 | 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 |
| ≥ 1200 | 76.7 | 98.8 | 99.1 | 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 |
| ≥ 1000 | 76.7 | 98.8 | 99.1 | 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 |
| ≥ 900 | 76.7 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 76.7 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 76.7 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 76.7 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 76.7 | 98.8 | 99.1 | 99.1 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 76.7 | 98.8 | 99.1 | 99.1 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 76.7 | 98.8 | 99.1 | 99.1 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 76.7 | 98.8 | 99.1 | 99.1 | 99.3 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 76.7 | 98.8 | 99.1 | 99.1 | 99.3 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 76.7 | 98.8 | 99.1 | 99.1 | 99.3 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 743

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 79.9 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 20000 | 83.3 | 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 | 84.0 | 84.0 |
| ≥ 18000 | 83.3 | 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 | 84.0 | 84.0 |
| ≥ 16000 | 83.4 | 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 |
| ≥ 14000 | 84.1 | 84.5 | 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 |
| ≥ 12000 | 85.6 | 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 |
| ≥ 10000 | 87.3 | 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 |
| ≥ 9000 | 87.3 | 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 | 88.1 |
| ≥ 8000 | 89.2 | 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 | 90.0 |
| ≥ 7000 | 89.9 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 6000 | 91.7 | 91.0 | 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 |
| ≥ 5000 | 91.9 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 4500 | 91.0 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 4000 | 92.0 | 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 |
| ≥ 3500 | 92.2 | 93.3 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 3000 | 92.6 | 93.9 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 2500 | 93.3 | 95.3 | 95.4 | 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 |
| ≥ 2000 | 93.7 | 95.7 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1800 | 94.1 | 96.1 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1500 | 94.2 | 96.8 | 96.9 | 96.9 | 97.0 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1200 | 94.3 | 96.8 | 96.9 | 97.0 | 97.2 | 97.3 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.5 | 97.6 | 97.6 |
| ≥ 1000 | 94.6 | 97.3 | 97.4 | 97.6 | 97.7 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 94.7 | 97.4 | 97.6 | 97.7 | 97.8 | 98.0 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 94.7 | 97.7 | 97.8 | 98.0 | 98.2 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 700 | 95.1 | 98.1 | 98.2 | 98.4 | 98.7 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 95.3 | 98.1 | 98.2 | 98.4 | 98.7 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 95.1 | 98.5 | 98.7 | 98.8 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 95.1 | 98.7 | 98.8 | 98.9 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 95.1 | 98.7 | 98.8 | 98.9 | 99.2 | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.1 | 98.7 | 98.9 | 98.9 | 99.2 | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.1 | 98.7 | 98.8 | 98.9 | 99.2 | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.1 | 98.7 | 98.8 | 98.9 | 99.2 | 99.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 742

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (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 | 79.9 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 81.0 |
| ≥ 20000 | 83.8 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 |
| ≥ 18000 | 83.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 |
| ≥ 16000 | 83.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.2 |
| ≥ 14000 | 84.9 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 |
| ≥ 12000 | 86.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 |
| ≥ 10000 | 88.3 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.5 |
| ≥ 9000 | 88.4 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 |
| ≥ 8000 | 88.8 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 |
| ≥ 7000 | 89.1 | 90.0 | 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 | 90.3 |
| ≥ 6000 | 90.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.4 |
| ≥ 5000 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.2 |
| ≥ 4500 | 91.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.0 |
| ≥ 4000 | 92.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 |
| ≥ 3500 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 |
| ≥ 3000 | 93.3 | 94.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 |
| ≥ 2500 | 93.7 | 95.1 | 95.9 | 95.9 | 95.9 | 95.9 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 96.0 |
| ≥ 2000 | 95.7 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 |
| ≥ 1800 | 96.1 | 97.6 | 98.0 | 98.0 | 98.0 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 |
| ≥ 1500 | 96.2 | 97.7 | 98.1 | 98.1 | 98.1 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.7 |
| ≥ 1200 | 96.4 | 98.0 | 98.4 | 98.4 | 98.4 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 |
| ≥ 1000 | 96.8 | 98.2 | 98.7 | 98.8 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 900 | 96.8 | 98.2 | 98.7 | 98.8 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 800 | 96.8 | 98.5 | 98.9 | 99.1 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 700 | 96.8 | 98.5 | 98.9 | 99.1 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 600 | 96.8 | 98.5 | 98.9 | 99.1 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.3 | 99.5 | 99.5 | 99.6 |
| ≥ 500 | 96.8 | 98.7 | 99.1 | 99.2 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 |
| ≥ 400 | 96.8 | 98.8 | 99.2 | 99.3 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 300 | 96.8 | 98.8 | 99.2 | 99.3 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 96.8 | 98.8 | 99.2 | 99.3 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 96.8 | 98.8 | 99.2 | 99.3 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 96.8 | 98.8 | 99.2 | 99.3 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 741

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

| 23144 | BIGGS AAF TX (EL PASO) | 72-79 | OCT |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 81.4 | 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 | 85.6 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 18000 | 85.6 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 16000 | 85.8 | 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 |
| ≥ 14000 | 86.5 | 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 |
| ≥ 12000 | 88.4 | 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 |
| ≥ 10000 | 89.3 | 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 |
| ≥ 9000 | 89.6 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 8000 | 90.3 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 7000 | 90.6 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 6000 | 91.8 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 5000 | 92.3 | 93.3 | 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 |
| ≥ 4500 | 93.0 | 93.9 | 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 |
| ≥ 4000 | 93.8 | 95.0 | 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 |
| ≥ 3500 | 94.6 | 95.8 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 3000 | 95.0 | 96.2 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 2500 | 95.7 | 96.9 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 2000 | 96.2 | 97.6 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1800 | 96.2 | 97.6 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1500 | 97.2 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1200 | 97.6 | 98.9 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 97.7 | 99.1 | 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 | 99.7 |
| ≥ 900 | 97.8 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 97.8 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 97.8 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 97.8 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 97.8 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.8 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.8 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.8 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.8 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 97.8 | 99.2 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 81.1 | 81.2 | 81.2 | 81.3 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 20000 | 86.9 | 87.0 | 87.0 | 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 |
| ≥ 18000 | 87.0 | 87.1 | 87.1 | 87.2 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 16000 | 87.9 | 87.6 | 87.6 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 14000 | 87.9 | 87.9 | 87.9 | 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 |
| ≥ 12000 | 89.0 | 89.1 | 89.1 | 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 |
| ≥ 10000 | 90.6 | 90.7 | 90.7 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 9000 | 90.7 | 90.9 | 90.9 | 91.0 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 8000 | 92.1 | 92.2 | 92.2 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 7000 | 93.3 | 93.4 | 93.4 | 93.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 6000 | 93.7 | 94.1 | 94.1 | 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 |
| ≥ 5000 | 94.8 | 95.2 | 95.3 | 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 |
| ≥ 4500 | 95.0 | 95.4 | 95.6 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 4000 | 95.8 | 96.2 | 96.4 | 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 |
| ≥ 3500 | 96.4 | 96.8 | 96.9 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3000 | 96.8 | 97.2 | 97.4 | 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 |
| ≥ 2500 | 97.4 | 98.0 | 98.3 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 2000 | 98.4 | 99.1 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1800 | 98.4 | 99.1 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1500 | 98.4 | 99.1 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 98.5 | 99.2 | 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 |
| ≥ 1000 | 98.5 | 99.2 | 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 |
| ≥ 900 | 98.5 | 99.2 | 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 |
| ≥ 800 | 98.5 | 99.2 | 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 |
| ≥ 700 | 98.5 | 99.2 | 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 |
| ≥ 600 | 98.5 | 99.2 | 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 |
| ≥ 500 | 98.5 | 99.2 | 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 |
| ≥ 400 | 98.5 | 99.2 | 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 |
| ≥ 300 | 98.5 | 99.2 | 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 |
| ≥ 200 | 98.5 | 99.2 | 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 | 98.5 | 99.2 | 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 |
| ≥ 0 | 98.5 | 99.2 | 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 |

TOTAL NUMBER OF OBSERVATIONS 744

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

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 74.3 | 80.2 | 80.7 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 20000 | 78.3 | 84.3 | 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 |
| ≥ 18000 | 78.7 | 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 | 84.5 |
| ≥ 16000 | 79.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 14000 | 79.9 | 85.9 | 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 | 86.0 |
| ≥ 12000 | 81.8 | 88.3 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 10000 | 83.5 | 89.9 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 9000 | 83.6 | 90.4 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 8000 | 84.1 | 91.4 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 7000 | 84.4 | 92.1 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 6000 | 85.3 | 93.9 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 5000 | 85.6 | 94.8 | 94.9 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 4500 | 86.5 | 95.8 | 96.1 | 96.2 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 4000 | 86.7 | 96.1 | 96.2 | 96.5 | 96.6 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 3500 | 87.2 | 96.6 | 96.9 | 97.2 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3000 | 87.3 | 96.9 | 97.0 | 97.3 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 2500 | 87.5 | 97.3 | 97.7 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 2000 | 87.5 | 98.0 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1800 | 87.6 | 98.1 | 98.8 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1500 | 87.6 | 98.4 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1200 | 87.6 | 98.5 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 87.6 | 98.5 | 99.2 | 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 |
| ≥ 900 | 87.6 | 98.5 | 99.2 | 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 |
| ≥ 800 | 87.6 | 98.5 | 99.2 | 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 |
| ≥ 700 | 87.6 | 98.5 | 99.2 | 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 |
| ≥ 600 | 87.6 | 98.5 | 99.2 | 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 |
| ≥ 500 | 87.6 | 98.5 | 99.2 | 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 |
| ≥ 400 | 87.6 | 98.5 | 99.2 | 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 |
| ≥ 300 | 87.6 | 98.5 | 99.2 | 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 | 87.6 | 98.5 | 99.2 | 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 | 87.6 | 98.5 | 99.2 | 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 | 87.6 | 98.5 | 99.2 | 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 743

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

23044 (STATION) SIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 67.3 | 80.8 | 81.8 | 80.8 | 83.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 20000 | 70.8 | 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 |
| ≥ 18000 | 71.0 | 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 | 84.5 |
| ≥ 16000 | 71.0 | 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 | 84.5 |
| ≥ 14000 | 72.2 | 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 |
| ≥ 12000 | 73.9 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 10000 | 74.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 9000 | 75.0 | 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 |
| ≥ 8000 | 75.9 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 7000 | 75.8 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 6000 | 77.4 | 93.8 | 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 |
| ≥ 5000 | 78.2 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 4500 | 78.2 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 4000 | 78.2 | 96.4 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 3500 | 78.4 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 3000 | 78.4 | 96.8 | 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 |
| ≥ 2500 | 78.4 | 96.8 | 97.2 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2000 | 78.4 | 97.6 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 78.4 | 97.6 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | 78.4 | 97.6 | 98.3 | 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 |
| ≥ 1200 | 78.4 | 97.6 | 98.3 | 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 |
| ≥ 1000 | 78.4 | 97.6 | 98.4 | 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 |
| ≥ 900 | 78.4 | 97.7 | 98.7 | 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 |
| ≥ 800 | 78.4 | 97.7 | 98.7 | 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 |
| ≥ 700 | 78.4 | 97.7 | 98.7 | 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 |
| ≥ 600 | 78.4 | 97.7 | 98.7 | 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 |
| ≥ 500 | 78.4 | 97.7 | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 78.4 | 97.7 | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 78.4 | 97.7 | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 78.4 | 97.7 | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 78.4 | 97.7 | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 78.4 | 97.7 | 98.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

2 044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (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 | ≥7/16 | ≥¼ | ≥0 |
| NO CEILING | 74.9 | 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 | 80.7 |
| ≥ 20000 | 78.1 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 18000 | 78.1 | 84.5 | 84.5 | 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 | 78.4 | 84.7 | 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 | 84.9 |
| ≥ 14000 | 79.1 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 12000 | 80.6 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 10000 | 1.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 |
| ≥ 9000 | 82.2 | 89.3 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 8000 | 84.1 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 7000 | 83.6 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 6000 | 86.7 | 92.6 | 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 |
| ≥ 5000 | 86.3 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 4500 | 85.7 | 94.4 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 4000 | 86.1 | 94.9 | 95.1 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3500 | 86.8 | 95.6 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 3000 | 87.0 | 96.1 | 96.4 | 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 |
| ≥ 2500 | 87.3 | 96.7 | 97.0 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 2000 | 87.8 | 97.6 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 |
| ≥ 1800 | 87.9 | 97.8 | 98.2 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 |
| ≥ 1500 | 88.1 | 98.1 | 98.5 | 98.8 | 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 | 88.2 | 98.2 | 98.7 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1000 | 88.3 | 98.3 | 98.8 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 88.3 | 98.4 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 88.3 | 98.5 | 99.0 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥ 700 | 88.4 | 98.9 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 88.4 | 98.5 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 88.4 | 98.6 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 88.4 | 98.6 | 99.2 | 99.5 | 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 | 88.4 | 98.7 | 99.2 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 88.4 | 98.7 | 99.2 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 88.4 | 98.7 | 99.2 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 88.4 | 98.7 | 99.2 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 5940

USAF ETAC FORM JUL 69 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# CEILING VERSUS VISIBILITY

2744 | ...IGGS AAF TX (EL PASO) | 72-79 | NOV

STATION | STATION NAME | YEARS | MONTH

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

0000-0200
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 84.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 20000 | 86.3 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 18000 | 86.6 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 16000 | 86.6 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 14000 | 87.9 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 12000 | 88.1 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 10000 | 88.8 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 9000 | 88.9 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 8000 | 89.7 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 7000 | 89.9 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 6000 | 91.1 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 5000 | 91.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 4500 | 91.6 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 4000 | 91.9 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 3500 | 92.0 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 3000 | 92.3 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 2500 | 92.7 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 2000 | 93.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1800 | 93.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1500 | 93.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 1200 | 93.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1000 | 93.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 93.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 93.6 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 93.6 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 93.6 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 93.6 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 400 | 93.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 300 | 93.6 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 93.6 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 93.6 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 93.6 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 719

USAF ETAC FORM JUL 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TECHNICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23,44 (STATION) | -1065 AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | NOV (MONTH)

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

0300-0500 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 65.0 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 20000 | 65.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 18000 | 66.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 16000 | 66.4 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 14000 | 66.9 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 12000 | 67.8 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 10000 | 68.3 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 9000 | 68.9 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 8000 | 68.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 7000 | 68.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 6000 | 71.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 5000 | 72.5 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 4500 | 72.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 4000 | 72.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 3500 | 72.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 3000 | 73.1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 2500 | 73.5 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 2000 | 74.4 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1800 | 74.9 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1500 | 74.9 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1200 | 74.9 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1000 | 74.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 900 | 74.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 800 | 74.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 700 | 74.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 74.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.8 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 74.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.5 | 98.5 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 400 | 74.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.5 | 98.5 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 300 | 74.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.5 | 98.5 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 200 | 74.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.5 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 100 | 74.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.5 | 98.6 | 98.6 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 74.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.5 | 98.6 | 98.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 720

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 79.3 | 81.6 | 82.8 | 80.8 | 81.0 | 81.0 | 81.0 | 81.3 | 81.9 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.3 |
| ≥ 20000 | 80.0 | 82.4 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.1 |
| ≥ 18000 | 80.1 | 82.5 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 |
| ≥ 16000 | 80.6 | 82.9 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.6 |
| ≥ 14000 | 82.3 | 84.6 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.3 |
| ≥ 12000 | 84.2 | 86.5 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 |
| ≥ 10000 | 85.1 | 87.5 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 |
| ≥ 9000 | 85.3 | 88.2 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 |
| ≥ 8000 | 86.4 | 88.8 | 89.0 | 89.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 |
| ≥ 7000 | 87.2 | 89.6 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.3 |
| ≥ 6000 | 89.7 | 92.1 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 |
| ≥ 5000 | 90.4 | 92.8 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.6 |
| ≥ 4500 | 91.2 | 93.5 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 |
| ≥ 4000 | 91.7 | 94.3 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.9 |
| ≥ 3500 | 91.8 | 94.3 | 94.7 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 |
| ≥ 3000 | 92.9 | 95.2 | 95.7 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 |
| ≥ 2500 | 92.6 | 95.6 | 96.0 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 |
| ≥ 2000 | 93.2 | 96.3 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.4 |
| ≥ 1800 | 94.2 | 97.2 | 97.6 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 1500 | 94.4 | 97.6 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 |
| ≥ 1200 | 94.6 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 |
| ≥ 1000 | 94.6 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 |
| ≥ 900 | 94.6 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 |
| ≥ 800 | 94.6 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 |
| ≥ 700 | 94.6 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 |
| ≥ 600 | 94.6 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 |
| ≥ 500 | 94.6 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 400 | 94.6 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.4 |
| ≥ 300 | 94.6 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.4 |
| ≥ 200 | 94.6 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.4 |
| ≥ 100 | 94.6 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.6 |
| ≥ 0 | 94.6 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 720

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

2 44 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 75.8 | 76.9 | 77.3 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 20000 | 80.4 | 81.5 | 82.1 | 82.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 18000 | 80.7 | 81.8 | 82.1 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 16000 | 81.2 | 82.3 | 82.6 | 82.9 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 14000 | 82.8 | 83.9 | 84.4 | 84.4 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 12000 | 84.7 | 85.8 | 86.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 10000 | 85.7 | 86.8 | 87.3 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 9000 | 86.4 | 87.5 | 88.0 | 88.0 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 8000 | 86.8 | 87.9 | 88.3 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 7000 | 87.3 | 88.6 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 6000 | 88.2 | 89.4 | 90.0 | 90.0 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 5000 | 88.7 | 90.0 | 90.5 | 90.5 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 4500 | 89.4 | 90.7 | 91.2 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 4000 | 90.7 | 91.9 | 92.5 | 92.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 3500 | 91.3 | 93.0 | 93.6 | 93.6 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 3000 | 93.2 | 94.7 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 2500 | 93.9 | 95.4 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 2000 | 94.9 | 96.4 | 96.9 | 96.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1800 | 95.3 | 96.8 | 97.4 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1500 | 95.5 | 97.1 | 97.6 | 97.6 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1200 | 95.7 | 97.2 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1000 | 95.7 | 97.2 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 |
| ≥ 900 | 95.7 | 97.2 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 800 | 95.7 | 97.2 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 700 | 95.7 | 97.2 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.2 | 99.2 |
| ≥ 600 | 95.7 | 97.2 | 97.8 | 97.8 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 |
| ≥ 500 | 95.7 | 97.2 | 97.8 | 97.8 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 |
| ≥ 400 | 95.7 | 97.2 | 97.8 | 97.8 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 |
| ≥ 300 | 95.7 | 97.2 | 97.8 | 97.8 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.6 | 99.6 |
| ≥ 200 | 95.7 | 97.2 | 97.8 | 97.8 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.6 | 99.6 |
| ≥ 100 | 95.7 | 97.2 | 97.8 | 97.8 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.9 | 99.9 |
| ≥ 0 | 95.7 | 97.2 | 97.8 | 97.8 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 719

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 79.9 | 80.7 | 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 |
| ≥ 20000 | 84.4 | 85.3 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 18000 | 84.4 | 85.3 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 16000 | 84.7 | 85.6 | 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 |
| ≥ 14000 | 85.3 | 86.3 | 86.9 | 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 |
| ≥ 12000 | 86.5 | 87.4 | 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 |
| ≥ 10000 | 86.9 | 87.8 | 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 |
| ≥ 9000 | 86.9 | 87.8 | 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 |
| ≥ 8000 | 87.2 | 88.1 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 7000 | 87.6 | 88.5 | 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 |
| ≥ 6000 | 89.3 | 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 | 91.0 | 91.0 |
| ≥ 5000 | 90.6 | 91.4 | 92.1 | 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 |
| ≥ 4500 | 91.4 | 92.2 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 |
| ≥ 4000 | 92.5 | 93.3 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 |
| ≥ 3500 | 92.9 | 93.8 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.9 |
| ≥ 3000 | 93.9 | 94.9 | 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 | 96.0 |
| ≥ 2500 | 95.4 | 96.7 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 |
| ≥ 2000 | 96.1 | 97.4 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 |
| ≥ 1800 | 96.3 | 97.5 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 |
| ≥ 1500 | 96.3 | 97.5 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 |
| ≥ 1200 | 96.3 | 97.5 | 98.3 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 |
| ≥ 1000 | 96.9 | 97.8 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 900 | 96.9 | 97.8 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 800 | 96.9 | 97.8 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 700 | 96.9 | 97.8 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 600 | 96.9 | 97.8 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 500 | 96.9 | 97.8 | 98.6 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥ 400 | 96.9 | 97.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 |
| ≥ 300 | 96.9 | 97.8 | 98.8 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 96.9 | 97.8 | 98.8 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 96.9 | 97.8 | 98.8 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 96.9 | 97.8 | 98.8 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 726

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

23044 (TGGS AAF TX (EL PASO) 72-79 NOV
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 82.9 | 83.9 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 20000 | 88.6 | 89.0 | 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 |
| ≥ 18000 | 88.3 | 89.3 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 16000 | 88.4 | 89.4 | 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 | 88.5 | 89.4 | 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 |
| ≥ 12000 | 90.1 | 91.1 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 10000 | 90.4 | 91.4 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 9000 | 90.4 | 91.4 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 8000 | 91.7 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 7000 | 92.7 | 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 |
| ≥ 6000 | 92.8 | 93.6 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 5000 | 93.7 | 94.4 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 4500 | 94.4 | 95.5 | 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 |
| ≥ 4000 | 94.5 | 96.0 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 3500 | 95.1 | 96.4 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 3000 | 95.4 | 96.7 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2500 | 95.9 | 97.4 | 97.8 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2000 | 96.4 | 98.1 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 96.4 | 98.2 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1500 | 96.7 | 98.5 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 96.7 | 98.5 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 96.8 | 98.6 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 96.8 | 98.6 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 96.9 | 98.6 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 96.9 | 98.6 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 96.8 | 98.6 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 96.9 | 98.6 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 96.8 | 98.6 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 96.8 | 98.6 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.8 | 98.6 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.8 | 98.6 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 96.8 | 98.6 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 719

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

23144 STATION | 1365 AAF TX (EL PASO) STATION NAME | 72-79 YEARS | NOV MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 76.4 | 85.7 | 85.7 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 20000 | 78.9 | 88.5 | 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 |
| ≥ 18000 | 79.3 | 88.9 | 88.9 | 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 | 79.3 | 88.9 | 88.9 | 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 | 79.4 | 89.3 | 89.3 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 12000 | 80.8 | 90.7 | 90.7 | 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 | 81.3 | 91.1 | 91.1 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 9000 | 81.4 | 91.4 | 91.4 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 8000 | 82.1 | 92.1 | 92.1 | 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 |
| ≥ 7000 | 83.3 | 93.5 | 93.5 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 6000 | 84.0 | 94.6 | 94.6 | 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 | 84.4 | 95.4 | 95.4 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 4500 | 86.1 | 96.7 | 96.7 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 4000 | 86.3 | 96.9 | 96.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3500 | 86.5 | 97.5 | 97.5 | 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 |
| ≥ 3000 | 86.9 | 97.9 | 97.9 | 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 |
| ≥ 2500 | 86.9 | 98.1 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 2000 | 86.9 | 98.1 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1800 | 86.9 | 98.1 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1500 | 87.1 | 98.2 | 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 |
| ≥ 1200 | 87.1 | 98.3 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1000 | 87.1 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 87.1 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 87.1 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 87.1 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 87.1 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 87.1 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 87.1 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 87.1 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 87.1 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 87.1 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 87.1 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 720

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

| 23044 | 1765 AAF TY (EL PASO) | 72-79 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 66.7 | 83.0 | 84.1 | 84.2 | 84.2 | 84.3 | 84.3 | 84.4 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 20000 | 69.6 | 87.1 | 87.5 | 87.6 | 87.6 | 87.8 | 87.8 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 18000 | 69.7 | 87.4 | 87.8 | 87.9 | 87.9 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 16000 | 71.0 | 87.8 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 14000 | 71.4 | 88.1 | 88.5 | 88.6 | 88.6 | 88.8 | 88.8 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 12000 | 72.3 | 90.7 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.5 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 10000 | 72.3 | 91.0 | 91.4 | 91.5 | 91.5 | 91.7 | 91.7 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 9000 | 73.1 | 91.3 | 91.7 | 91.8 | 91.8 | 91.9 | 91.9 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 8000 | 73.5 | 91.7 | 92.1 | 92.2 | 92.2 | 92.4 | 92.4 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 7000 | 75.1 | 93.5 | 93.9 | 94.0 | 94.0 | 94.2 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 6000 | 75.3 | 93.8 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 5000 | 76.1 | 95.3 | 95.7 | 95.8 | 95.8 | 96.0 | 96.0 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 4500 | 76.9 | 95.8 | 96.3 | 96.4 | 96.4 | 96.5 | 96.5 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4000 | 76.9 | 95.8 | 96.3 | 96.4 | 96.4 | 96.5 | 96.5 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 3500 | 76.8 | 96.1 | 96.5 | 96.7 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 3000 | 77.1 | 96.4 | 96.8 | 96.9 | 97.1 | 97.2 | 97.2 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 2500 | 77.2 | 96.5 | 97.1 | 97.2 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 2000 | 77.5 | 96.8 | 97.4 | 97.5 | 97.6 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1800 | 77.5 | 96.9 | 97.4 | 97.5 | 97.6 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1500 | 77.6 | 96.9 | 97.5 | 97.6 | 97.8 | 97.9 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1200 | 77.6 | 96.9 | 97.5 | 97.6 | 97.8 | 97.9 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1000 | 77.6 | 96.9 | 97.5 | 97.6 | 97.8 | 97.9 | 98.1 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 900 | 77.6 | 96.9 | 97.5 | 97.6 | 97.8 | 97.9 | 98.1 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 |
| ≥ 800 | 77.6 | 96.9 | 97.5 | 97.6 | 97.8 | 97.9 | 98.1 | 98.3 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 |
| ≥ 700 | 77.6 | 96.9 | 97.5 | 97.6 | 97.8 | 97.9 | 98.1 | 98.3 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 |
| ≥ 600 | 77.6 | 96.9 | 97.5 | 97.6 | 97.8 | 97.9 | 98.1 | 98.3 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 |
| ≥ 500 | 77.6 | 96.9 | 97.5 | 97.6 | 97.8 | 97.9 | 98.2 | 98.5 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 |
| ≥ 400 | 77.6 | 97.1 | 97.6 | 97.8 | 97.9 | 98.1 | 98.3 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 |
| ≥ 300 | 77.6 | 97.2 | 97.8 | 98.1 | 98.5 | 98.6 | 98.9 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 200 | 77.6 | 97.2 | 97.9 | 98.2 | 98.6 | 98.8 | 99.0 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 77.6 | 97.3 | 97.9 | 98.2 | 98.6 | 98.9 | 99.0 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 77.6 | 97.2 | 97.9 | 98.2 | 98.6 | 98.8 | 99.0 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 720

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

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (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 | 73.7 | 82.0 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 20000 | 76.7 | 85.9 | 86.2 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 18000 | 76.[illegible] | 86.2 | 86.9 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 16000 | 77.1 | 86.4 | 86.7 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 14000 | 77.8 | 87.2 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 |
| ≥ 12000 | 78.3 | 88.8 | 89.1 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 10000 | 78.9 | 89.4 | 89.7 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 |
| ≥ 9000 | 80.1 | 89.8 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 8000 | 80.7 | 90.3 | 90.6 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 7000 | 1.6 | 91.3 | 91.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 92.1 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 6000 | 82.8 | 92.6 | 92.9 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 5000 | 83.4 | 93.6 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 4500 | 84.1 | 94.3 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 4000 | 84.6 | 94.8 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 3500 | 85.[illegible] | 95.2 | 95.5 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 3000 | 85.6 | 95.9 | 96.2 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 |
| ≥ 2500 | 86.[illegible] | 96.5 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 2000 | 86.6 | 97.2 | 97.5 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1800 | 86.9 | 97.5 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1500 | 87.0 | 97.7 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 |
| ≥ 1200 | 87.[illegible] | 97.7 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 |
| ≥ 1000 | 87.1 | 97.8 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 900 | 87.1 | 97.8 | 98.2 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 |
| ≥ 800 | 87.1 | 97.9 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 700 | 87.1 | 97.9 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 600 | 87.1 | 97.9 | 98.3 | 98.5 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| ≥ 500 | 87.1 | 97.9 | 98.3 | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 87.1 | 97.9 | 98.3 | 98.6 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 300 | 87.1 | 98.0 | 98.3 | 98.6 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 200 | 87.1 | 98.0 | 98.3 | 98.7 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 100 | 87.1 | 98.0 | 98.3 | 98.7 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 |
| ≥ 0 | 87.1 | 98.2 | 98.3 | 98.7 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 5757

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

23044 (23SS AAF TX (EL PASO) 72-79 DEC
STATION STATION NAME YEARS MONTH

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

0000-0200
HOURS LST

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 60.8 | 78.2 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 20000 | 62.4 | 81.2 | 81.3 | 81.6 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 18000 | 63.7 | 82.4 | 82.5 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 16000 | 64.1 | 82.9 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 14000 | 65.6 | 84.4 | 84.5 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 12000 | 66.2 | 86.2 | 86.3 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 10000 | 67.2 | 86.2 | 86.3 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 9000 | 67.7 | 86.8 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 8000 | 68.7 | 88.4 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 7000 | 69.1 | 89.1 | 89.2 | 89.5 | 89.5 | 89.5 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 6000 | 70.7 | 91.1 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 5000 | 72.4 | 93.1 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 4500 | 73.3 | 94.5 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 4000 | 74.1 | 95.8 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 3500 | 74.1 | 96.0 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 3000 | 74.7 | 96.2 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 2500 | 74.9 | 96.9 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2000 | 75.3 | 97.4 | 97.7 | 98.0 | 98.0 | 98.0 | 98.2 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1800 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1200 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1000 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 900 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 800 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.9 |
| ≥ 200 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 100.0 |
| ≥ 100 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 100.0 |
| ≥ 0 | 75.1 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

23044 (STATION) EIGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS IN LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 59.7 | 75.1 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.8 | 76.1 |
| ≥ 20000 | 62.4 | 79.4 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.4 |
| ≥ 18000 | 62.6 | 79.7 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.4 | 80.6 |
| ≥ 16000 | 63.1 | 80.1 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.8 | 81.0 |
| ≥ 14000 | 63.8 | 80.9 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.6 | 81.9 |
| ≥ 12000 | 65.9 | 82.8 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.5 | 83.7 |
| ≥ 10000 | 65.9 | 83.9 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.8 |
| ≥ 9000 | 66.9 | 84.7 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 | 85.6 |
| ≥ 8000 | 68.0 | 86.4 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.2 | 87.5 |
| ≥ 7000 | 69.4 | 88.0 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.8 | 89.1 |
| ≥ 6000 | 70.4 | 89.9 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.9 | 91.1 |
| ≥ 5000 | 72.2 | 92.1 | 92.2 | 92.5 | 92.5 | 92.5 | 92.6 | 92.7 | 92.7 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.1 | 93.4 |
| ≥ 4500 | 73.1 | 93.3 | 93.4 | 93.7 | 93.7 | 93.7 | 93.8 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.4 | 94.6 |
| ≥ 4000 | 73.5 | 93.8 | 94.0 | 94.2 | 94.2 | 94.2 | 94.4 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.8 | 94.8 | 94.9 | 95.2 |
| ≥ 3500 | 73.7 | 94.4 | 94.6 | 94.9 | 94.9 | 94.9 | 95.0 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.6 | 95.8 |
| ≥ 3000 | 73.9 | 94.6 | 95.1 | 95.3 | 95.3 | 95.3 | 95.4 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 96.0 | 96.2 |
| ≥ 2500 | 74.6 | 95.3 | 95.7 | 96.0 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.6 | 96.9 |
| ≥ 2000 | 74.6 | 95.3 | 95.7 | 96.0 | 96.0 | 96.0 | 96.2 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.8 | 97.0 |
| ≥ 1800 | 74.6 | 95.3 | 95.7 | 96.0 | 96.0 | 96.0 | 96.2 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.8 | 97.0 |
| ≥ 1500 | 74.6 | 95.4 | 95.8 | 96.1 | 96.1 | 96.1 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.8 | 96.8 | 96.9 | 97.2 |
| ≥ 1200 | 74.6 | 95.6 | 96.0 | 96.2 | 96.2 | 96.2 | 96.5 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 97.0 | 97.3 |
| ≥ 1000 | 74.6 | 95.6 | 96.1 | 96.4 | 96.4 | 96.4 | 96.6 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.2 | 97.4 |
| ≥ 900 | 74.6 | 95.7 | 96.3 | 96.6 | 96.6 | 96.6 | 96.9 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.4 | 97.7 |
| ≥ 800 | 74.6 | 95.7 | 96.2 | 96.6 | 96.6 | 96.6 | 96.9 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.4 | 97.7 |
| ≥ 700 | 74.6 | 95.7 | 96.2 | 96.8 | 96.8 | 96.8 | 97.0 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.6 | 97.8 |
| ≥ 600 | 74.6 | 95.7 | 96.2 | 96.8 | 96.8 | 96.9 | 97.0 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.6 | 97.8 |
| ≥ 500 | 74.6 | 95.7 | 96.2 | 96.8 | 96.8 | 96.8 | 97.0 | 97.2 | 97.2 | 97.3 | 97.6 | 97.6 | 97.8 | 97.8 | 98.0 | 98.3 |
| ≥ 400 | 74.6 | 95.7 | 96.2 | 96.9 | 96.9 | 96.9 | 97.2 | 97.3 | 97.3 | 97.4 | 97.7 | 97.7 | 98.0 | 98.0 | 98.1 | 98.4 |
| ≥ 300 | 74.6 | 95.7 | 96.2 | 96.9 | 96.9 | 96.9 | 97.3 | 97.4 | 97.4 | 97.6 | 97.8 | 97.8 | 98.1 | 98.1 | 98.3 | 98.9 |
| ≥ 200 | 74.6 | 95.7 | 96.2 | 96.9 | 97.0 | 97.0 | 97.4 | 97.6 | 97.6 | 97.7 | 98.0 | 98.0 | 98.3 | 98.3 | 98.5 | 99.2 |
| ≥ 100 | 74.6 | 95.7 | 96.2 | 96.9 | 97.0 | 97.0 | 97.4 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.5 | 98.5 | 98.8 | 99.5 |
| ≥ 0 | 74.6 | 95.7 | 96.2 | 96.9 | 97.0 | 97.0 | 97.4 | 97.8 | 97.8 | 98.0 | 98.3 | 98.3 | 98.5 | 98.5 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

OL, AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2 344 (STATION) | 1GGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 69.6 | 74.1 | 74.9 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.4 |
| ≥ 20000 | 73.9 | 78.8 | 79.8 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 80.1 |
| ≥ 18000 | 73.8 | 79.0 | 79.4 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.4 |
| ≥ 16000 | 74.3 | 79.6 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.9 |
| ≥ 14000 | 75.1 | 80.4 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.7 |
| ≥ 12000 | 76.3 | 81.6 | 82.0 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.9 |
| ≥ 10000 | 77.3 | 82.5 | 82.9 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.9 |
| ≥ 9000 | 78.2 | 83.5 | 84.0 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.4 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 85.1 |
| ≥ 8000 | 79.3 | 84.5 | 85.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.5 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 86.2 |
| ≥ 7000 | 80.4 | 85.8 | 86.3 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.4 |
| ≥ 6000 | 82.1 | 87.9 | 88.6 | 88.8 | 88.8 | 88.8 | 89.0 | 89.0 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.8 |
| ≥ 5000 | 83.3 | 89.4 | 90.1 | 90.3 | 90.3 | 90.3 | 90.5 | 90.5 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.3 |
| ≥ 4500 | 84.1 | 90.3 | 91.0 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 92.2 |
| ≥ 4000 | 85.1 | 91.4 | 92.3 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.5 |
| ≥ 3500 | 85.6 | 92.1 | 93.1 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.4 |
| ≥ 3000 | 86.2 | 92.7 | 93.8 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 95.0 |
| ≥ 2500 | 87.2 | 94.1 | 95.2 | 95.4 | 95.4 | 95.4 | 95.6 | 95.6 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.4 |
| ≥ 2000 | 87.5 | 94.4 | 95.4 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.6 |
| ≥ 1800 | 87.5 | 94.4 | 95.4 | 95.8 | 95.8 | 95.8 | 96.0 | 96.0 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.8 |
| ≥ 1500 | 87.5 | 94.5 | 95.6 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 97.0 |
| ≥ 1200 | 87.5 | 94.5 | 95.6 | 96.1 | 96.2 | 96.2 | 96.4 | 96.4 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.2 |
| ≥ 1000 | 87.5 | 94.8 | 95.8 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.4 |
| ≥ 900 | 87.5 | 94.8 | 95.8 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.4 |
| ≥ 800 | 87.5 | 94.9 | 96.0 | 96.5 | 96.6 | 96.6 | 96.8 | 96.8 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.6 |
| ≥ 700 | 87.5 | 94.9 | 96.0 | 96.5 | 96.6 | 96.6 | 96.9 | 97.0 | 97.2 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 98.0 |
| ≥ 600 | 87.6 | 95.2 | 96.2 | 96.8 | 96.9 | 96.9 | 97.0 | 97.3 | 97.4 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 98.3 |
| ≥ 500 | 87.8 | 95.2 | 96.2 | 96.8 | 96.9 | 96.9 | 97.0 | 97.3 | 97.4 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 98.3 |
| ≥ 400 | 87.8 | 95.3 | 96.4 | 96.9 | 97.0 | 97.0 | 97.2 | 97.4 | 97.6 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.5 |
| ≥ 300 | 87.8 | 95.3 | 96.5 | 97.0 | 97.3 | 97.4 | 97.6 | 98.0 | 98.1 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.8 | 99.5 |
| ≥ 200 | 87.8 | 95.3 | 96.5 | 97.0 | 97.3 | 97.4 | 97.6 | 98.0 | 98.1 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.8 | 99.6 |
| ≥ 100 | 87.8 | 95.3 | 96.5 | 97.0 | 97.3 | 97.4 | 97.6 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 99.1 | 99.9 |
| 0 | 87.8 | 95.3 | 96.5 | 97.0 | 97.3 | 97.4 | 97.6 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

NUCTAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

| 23044 | ETGS AAF TX (EL PASO) | 72-79 | DEC |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 73.3 | 74.9 | 75.3 | 75.4 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 76.3 | 76.5 | 76.6 | 76.6 | 76.6 | 76.5 | 76.6 |
| ≥ 20000 | 78.9 | 80.5 | 80.9 | 81.0 | 81.3 | 81.5 | 81.7 | 81.7 | 81.7 | 82.1 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 18000 | 78.9 | 80.5 | 80.9 | 81.0 | 81.3 | 81.5 | 81.7 | 81.7 | 81.7 | 82.1 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 16000 | 79.4 | 81.1 | 81.5 | 81.6 | 81.9 | 82.0 | 82.3 | 82.3 | 82.3 | 82.7 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 14000 | 81.6 | 82.3 | 82.7 | 82.8 | 83.1 | 83.2 | 83.5 | 83.5 | 83.5 | 83.9 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 12000 | 81.2 | 82.8 | 83.2 | 83.3 | 83.6 | 83.7 | 84.0 | 84.0 | 84.0 | 84.4 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 10000 | 82.4 | 84.0 | 84.4 | 84.5 | 84.8 | 84.9 | 85.2 | 85.2 | 85.2 | 85.6 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 9000 | 83.1 | 84.7 | 85.1 | 85.2 | 85.5 | 85.6 | 85.9 | 85.9 | 85.9 | 86.3 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 8000 | 83.9 | 85.5 | 85.9 | 86.0 | 86.3 | 86.4 | 86.7 | 86.7 | 86.7 | 87.1 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 7000 | 85.9 | 87.5 | 87.9 | 88.0 | 88.3 | 88.4 | 88.7 | 88.7 | 88.7 | 89.1 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 6000 | 87.5 | 89.1 | 89.5 | 89.7 | 89.9 | 90.1 | 90.3 | 90.3 | 90.3 | 90.7 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 5000 | 88.2 | 89.8 | 90.2 | 90.3 | 90.6 | 90.7 | 91.0 | 91.0 | 91.0 | 91.4 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 4500 | 89.4 | 90.6 | 91.1 | 91.1 | 91.4 | 91.5 | 91.8 | 91.8 | 91.8 | 92.2 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 4000 | 89.5 | 91.1 | 91.5 | 91.7 | 91.9 | 92.1 | 92.3 | 92.3 | 92.3 | 92.7 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 3500 | 91.3 | 92.1 | 92.6 | 92.7 | 93.0 | 93.1 | 93.4 | 93.4 | 93.4 | 93.8 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 3000 | 90.5 | 92.2 | 92.7 | 92.9 | 93.1 | 93.3 | 93.5 | 93.5 | 93.5 | 94.0 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 2500 | 91.7 | 93.4 | 94.0 | 94.1 | 94.4 | 94.5 | 94.8 | 94.8 | 94.8 | 95.2 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 2000 | 92.1 | 94.1 | 94.5 | 94.9 | 95.2 | 95.3 | 95.6 | 95.6 | 95.6 | 96.0 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1800 | 92.3 | 94.2 | 94.9 | 95.2 | 95.4 | 95.6 | 95.8 | 95.8 | 95.8 | 96.2 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1500 | 92.7 | 94.8 | 95.4 | 95.7 | 96.0 | 96.1 | 96.4 | 96.4 | 96.4 | 96.8 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1200 | 92.9 | 94.9 | 95.6 | 95.8 | 96.1 | 96.2 | 96.6 | 96.6 | 96.6 | 97.0 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | 93.3 | 95.3 | 96.0 | 96.2 | 96.5 | 96.6 | 97.2 | 97.2 | 97.2 | 97.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 93.3 | 95.3 | 96.1 | 96.2 | 96.5 | 96.6 | 97.2 | 97.2 | 97.2 | 97.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 93.3 | 95.3 | 96.1 | 96.2 | 96.5 | 96.6 | 97.2 | 97.2 | 97.2 | 97.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 700 | 93.3 | 95.3 | 96.0 | 96.2 | 96.5 | 96.6 | 97.2 | 97.2 | 97.2 | 97.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 600 | 93.3 | 95.4 | 96.1 | 96.5 | 96.8 | 96.9 | 97.4 | 97.4 | 97.4 | 97.8 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 500 | 93.4 | 95.6 | 96.2 | 96.6 | 96.9 | 97.0 | 97.6 | 97.6 | 97.6 | 98.0 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 93.4 | 95.6 | 96.2 | 96.6 | 96.9 | 97.0 | 97.6 | 97.6 | 97.6 | 98.3 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 |
| ≥ 300 | 93.4 | 95.6 | 96.2 | 96.6 | 96.9 | 97.0 | 97.6 | 97.6 | 97.6 | 98.3 | 98.5 | 98.7 | 98.8 | 98.8 | 99.2 | 99.5 |
| ≥ 200 | 93.4 | 95.6 | 96.2 | 96.6 | 96.9 | 97.0 | 97.6 | 97.6 | 97.6 | 98.3 | 98.5 | 98.7 | 98.9 | 98.9 | 99.6 | 100.0 |
| ≥ 100 | 93.4 | 95.6 | 96.2 | 96.6 | 96.9 | 97.0 | 97.6 | 97.6 | 97.6 | 98.3 | 98.5 | 98.7 | 98.9 | 98.9 | 99.6 | 100.0 |
| ≥ 0 | 93.4 | 95.6 | 96.2 | 96.6 | 96.9 | 97.0 | 97.6 | 97.6 | 97.6 | 98.3 | 98.5 | 98.7 | 98.9 | 98.9 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 (STATION) | LIGGS AAF TX (EL PASO) (STATION NAME) | 72-76 (YEARS) | DEC (MONTH)

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

1200-1400 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 72.7 | 74.7 | 75.4 | 75.4 | 75.5 | 75.5 | 76.1 | 76.1 | 76.1 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 20000 | 82.9 | 82.7 | 83.3 | 83.3 | 83.5 | 83.5 | 84.0 | 84.0 | 84.0 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 18000 | 83.1 | 83.2 | 83.9 | 83.9 | 84.0 | 84.0 | 84.5 | 84.5 | 84.5 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 16000 | 83.2 | 83.3 | 84.0 | 84.0 | 84.1 | 84.1 | 84.7 | 84.7 | 84.7 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 14000 | 85.4 | 85.5 | 86.2 | 86.2 | 86.3 | 86.3 | 86.9 | 86.9 | 86.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 12000 | 86.2 | 86.3 | 86.9 | 86.9 | 87.0 | 87.0 | 87.7 | 87.7 | 87.7 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 10000 | 87.4 | 87.6 | 88.2 | 88.2 | 88.3 | 88.3 | 88.9 | 88.9 | 88.9 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 9000 | 87.9 | 88.1 | 88.7 | 88.7 | 88.8 | 88.8 | 89.4 | 89.4 | 89.4 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 8000 | 88.2 | 88.4 | 89.0 | 89.0 | 89.1 | 89.1 | 89.7 | 89.7 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 7000 | 88.6 | 88.8 | 89.4 | 89.4 | 89.5 | 89.5 | 90.1 | 90.1 | 90.1 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 6000 | 89.7 | 89.9 | 90.5 | 90.5 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 5000 | 90.8 | 91.0 | 91.6 | 91.6 | 91.8 | 91.8 | 92.4 | 92.4 | 92.4 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 4500 | 91.0 | 91.2 | 91.8 | 91.8 | 92.0 | 92.0 | 92.6 | 92.6 | 92.6 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 4000 | 91.2 | 91.4 | 92.0 | 92.0 | 92.2 | 92.2 | 92.8 | 92.8 | 92.8 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 3500 | 92.0 | 92.2 | 92.8 | 92.8 | 93.0 | 93.0 | 93.6 | 93.6 | 93.6 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 3000 | 92.4 | 92.6 | 93.2 | 93.2 | 93.4 | 93.4 | 94.0 | 94.0 | 94.0 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 2500 | 93.0 | 93.2 | 93.8 | 93.8 | 94.0 | 94.0 | 94.6 | 94.6 | 94.6 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 2000 | 93.3 | 93.5 | 94.1 | 94.1 | 94.3 | 94.3 | 94.9 | 94.9 | 94.9 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1800 | 93.5 | 93.7 | 94.3 | 94.3 | 94.5 | 94.5 | 95.1 | 95.1 | 95.1 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1500 | 93.7 | 93.9 | 94.5 | 94.5 | 94.7 | 94.7 | 95.3 | 95.3 | 95.3 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1200 | 93.9 | 94.1 | 94.7 | 94.7 | 94.9 | 94.9 | 95.5 | 95.5 | 95.5 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1000 | 94.0 | 94.2 | 94.8 | 94.8 | 95.0 | 95.0 | 95.6 | 95.6 | 95.6 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 900 | 94.1 | 94.3 | 94.9 | 94.9 | 95.1 | 95.1 | 95.7 | 95.7 | 95.7 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 800 | 94.3 | 94.5 | 95.1 | 95.1 | 95.3 | 95.3 | 95.9 | 95.9 | 95.9 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 700 | 94.5 | 94.7 | 95.3 | 95.3 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 600 | 94.6 | 94.8 | 95.4 | 95.4 | 95.6 | 95.6 | 96.2 | 96.2 | 96.2 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 500 | 94.8 | 95.0 | 95.6 | 95.6 | 95.8 | 95.8 | 96.4 | 96.4 | 96.4 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 400 | 95.0 | 95.2 | 95.8 | 95.8 | 96.0 | 96.0 | 96.6 | 96.6 | 96.6 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 300 | 95.2 | 95.4 | 96.0 | 96.0 | 96.2 | 96.2 | 96.8 | 96.8 | 96.8 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 200 | 95.4 | 95.6 | 96.2 | 96.2 | 96.4 | 96.4 | 97.0 | 97.0 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 100 | 95.5 | 95.7 | 96.3 | 96.3 | 96.5 | 96.5 | 97.1 | 97.1 | 97.1 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 0 | 95.5 | 95.7 | 96.3 | 96.3 | 96.5 | 96.5 | 97.1 | 97.1 | 97.1 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |

TOTAL NUMBER OF OBSERVATIONS 744

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

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

# CEILING VERSUS VISIBILITY

| 2...44 | ...OOS AAF TX (EL PASO) | 72-79 | DEC |
|---|---|---|---|
| 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 | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 71.[illegible] | 72.9 | 73.[illegible] | 73.9 | 74.3 | 74.3 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 20000 | 79.[illegible] | 81.[illegible] | 82.[illegible] | 82.5 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 18000 | 79.7 | 81.7 | 82.9 | 82.1 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 16000 | 80.4 | 82.4 | 83.2 | 83.7 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 14000 | 81.6 | 83.0 | 84.4 | 84.9 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 12000 | 83.1 | 85.1 | 85.9 | 86.4 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 10000 | 83.9 | 85.8 | 86.6 | 87.1 | 87.6 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 9000 | 84.7 | 87.0 | 87.8 | 88.3 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 8000 | 85.2 | 87.9 | 89.3 | 89.8 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 7000 | 85.9 | 88.2 | 89.9 | 89.9 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 6000 | 87.6 | 89.9 | 90.7 | 91.3 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 5000 | 88.8 | 91.3 | 92.1 | 92.6 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 4500 | 90.0 | 93.1 | 94.1 | 94.5 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 4000 | 90.9 | 93.4 | 94.2 | 94.8 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 3500 | 91.8 | 94.2 | 94.8 | 95.3 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 3000 | 91.7 | 94.4 | 95.2 | 95.8 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 2500 | 92.3 | 95.0 | 96.1 | 96.6 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 2000 | 92.9 | 95.7 | 96.6 | 97.4 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 93.0 | 95.9 | 96.[illegible] | 97.6 | 98.[illegible] | 98.4 | 98.[illegible] | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1500 | 93.1 | 96.[illegible] | 96.9 | 97.7 | 98.4 | 98.5 | 98.[illegible] | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1200 | 93.3 | 96.1 | 97.0 | 97.8 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1000 | 93.4 | 96.2 | 97.2 | 98.0 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 900 | 93.7 | 96.5 | 97.4 | 98.3 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 800 | 93.7 | 96.5 | 97.4 | 98.3 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 93.9 | 96.6 | 97.6 | 98.4 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 93.9 | 96.6 | 97.6 | 98.4 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 93.9 | 96.6 | 97.6 | 98.4 | 99.1 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 93.9 | 96.6 | 97.6 | 98.4 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 93.9 | 96.6 | 97.6 | 98.4 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 93.9 | 96.6 | 97.6 | 98.4 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 93.9 | 96.6 | 97.6 | 98.4 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 93.9 | 96.6 | 97.6 | 98.4 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

...L AL CLIMATOLOGY BRANCH
...AF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

| 24044 | 1965 AAF TX (EL PASO) | 72-79 | DEC |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

1800-2000
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 76.1 | 77.3 | 77.8 | 78.1 | 78.1 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 20000 | 80.3 | 82.4 | 82.9 | 83.2 | 83.2 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 18000 | 81.7 | 82.8 | 83.3 | 83.6 | 83.6 | 83.6 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 16000 | 81.3 | 83.4 | 84.0 | 84.3 | 84.3 | 84.3 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 14000 | 82.4 | 84.7 | 85.2 | 85.5 | 85.5 | 85.5 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 12000 | 84.3 | 86.5 | 87.1 | 87.3 | 87.3 | 87.3 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 10000 | 85.4 | 87.8 | 88.3 | 88.6 | 88.6 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 9000 | 86.4 | 89.1 | 89.6 | 89.9 | 89.9 | 89.9 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 8000 | 87.4 | 90.8 | 91.4 | 91.7 | 91.7 | 91.7 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 7000 | 88.3 | 91.8 | 92.3 | 92.6 | 92.6 | 92.6 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 6000 | 89.9 | 93.3 | 93.8 | 94.1 | 94.1 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 5000 | 91.8 | 94.6 | 95.3 | 95.6 | 95.6 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 4500 | 92.4 | 95.6 | 96.2 | 96.5 | 96.5 | 96.5 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4000 | 92.9 | 96.5 | 97.2 | 97.4 | 97.4 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 3500 | 93.3 | 96.9 | 97.4 | 97.7 | 97.7 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3000 | 93.4 | 97.0 | 97.7 | 98.0 | 98.0 | 98.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 2500 | 93.4 | 97.0 | 97.7 | 98.0 | 98.0 | 98.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 2000 | 93.4 | 97.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1800 | 93.4 | 97.2 | 98.1 | 98.4 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 93.4 | 97.3 | 98.2 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1200 | 93.4 | 97.3 | 98.4 | 98.7 | 98.8 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 93.4 | 97.3 | 98.4 | 98.7 | 98.8 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 900 | 93.5 | 97.4 | 98.5 | 98.8 | 98.9 | 98.9 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 93.6 | 97.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 93.6 | 97.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 93.6 | 97.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 93.6 | 97.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 93.6 | 97.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 93.6 | 97.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 93.6 | 97.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 93.6 | 97.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 93.6 | 97.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 743

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 60.9 | 75.7 | 75.8 | 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 | 63.3 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 18000 | 64.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 16000 | 64.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 14000 | 65.7 | 82.7 | 82.8 | 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 |
| ≥ 12000 | 67.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 10000 | 68.9 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.8 | 85.8 | 85.9 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 9000 | 69.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 8000 | 70.2 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 7000 | 72.4 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 6000 | 75.3 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 5000 | 75.7 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 4500 | 77.1 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 4000 | 77.3 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 3500 | 77.4 | 97.3 | 97.4 | 97.4 | 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 | 77.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 2500 | 77.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 2000 | 77.8 | 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 | 77.8 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1500 | 78.1 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1200 | 78.1 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1000 | 78.3 | 98.7 | 99.1 | 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 |
| ≥ 900 | 78.3 | 98.7 | 99.1 | 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 |
| ≥ 800 | 78.3 | 98.7 | 99.1 | 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 |
| ≥ 700 | 78.3 | 98.7 | 99.1 | 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 |
| ≥ 600 | 78.3 | 98.7 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 78.3 | 98.7 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 78.9 | 98.7 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 78.9 | 98.7 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 78.9 | 98.7 | 99.1 | 99.1 | 99.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 78.9 | 98.7 | 99.1 | 99.1 | 99.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 0 | 78.9 | 98.7 | 99.1 | 99.1 | 99.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

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

23 44 (STATION) — IGGS AAF TX (EL PASO) (STATION NAME) — 72-76 (YEARS) — DEC (MONTH)

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

ALL (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 66.7 | 75.3 | 75.7 | 75.9 | 76.0 | 76.0 | 76.2 | 76.2 | 76.2 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 |
| ≥ 20000 | 71.3 | 80.8 | 81.2 | 81.4 | 81.5 | 81.5 | 81.7 | 81.7 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 |
| ≥ 18000 | 71.9 | 81.3 | 81.7 | 81.9 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.5 |
| ≥ 16000 | 72.3 | 81.8 | 82.2 | 82.4 | 82.6 | 82.6 | 82.7 | 82.8 | 82.8 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 |
| ≥ 14000 | 73.4 | 82.9 | 83.3 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 |
| ≥ 12000 | 74.8 | 84.4 | 84.8 | 85.0 | 85.1 | 85.1 | 85.3 | 85.3 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 |
| ≥ 10000 | 75.5 | 85.2 | 85.6 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.5 |
| ≥ 9000 | 76.4 | 86.2 | 86.6 | 86.8 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.5 |
| ≥ 8000 | 77.4 | 87.4 | 87.8 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.4 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 |
| ≥ 7000 | 78.9 | 88.7 | 89.2 | 89.4 | 89.5 | 89.5 | 89.6 | 89.7 | 89.7 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.1 |
| ≥ 6000 | 79.8 | 90.4 | 90.9 | 91.1 | 91.2 | 91.2 | 91.4 | 91.4 | 91.5 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 |
| ≥ 5000 | 81.2 | 92.1 | 92.5 | 92.7 | 92.9 | 92.9 | 93.1 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.5 |
| ≥ 4500 | 82.1 | 93.2 | 93.6 | 93.9 | 94.0 | 94.0 | 94.2 | 94.2 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 |
| ≥ 4000 | 82.8 | 93.9 | 94.4 | 94.6 | 94.8 | 94.8 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 |
| ≥ 3500 | 83.1 | 94.4 | 95.0 | 95.2 | 95.3 | 95.3 | 95.5 | 95.6 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 |
| ≥ 3000 | 83.5 | 94.8 | 95.4 | 95.6 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.4 |
| ≥ 2500 | 84.1 | 95.5 | 96.1 | 96.4 | 96.5 | 96.5 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 |
| ≥ 2000 | 84.4 | 95.9 | 96.6 | 96.8 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 |
| ≥ 1800 | 84.5 | 96.0 | 96.7 | 97.0 | 97.2 | 97.2 | 97.4 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 |
| ≥ 1500 | 84.6 | 96.3 | 97.0 | 97.3 | 97.5 | 97.5 | 97.7 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 |
| ≥ 1200 | 84.6 | 96.4 | 97.0 | 97.4 | 97.6 | 97.6 | 97.9 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 1000 | 84.7 | 96.5 | 97.2 | 97.5 | 97.7 | 97.9 | 98.0 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 |
| ≥ 900 | 84.7 | 96.5 | 97.2 | 97.6 | 97.8 | 97.8 | 98.1 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.6 |
| ≥ 800 | 84.8 | 96.6 | 97.3 | 97.6 | 97.9 | 97.9 | 98.2 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 |
| ≥ 700 | 84.8 | 96.6 | 97.3 | 97.7 | 97.9 | 98.0 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 |
| ≥ 600 | 84.8 | 96.7 | 97.4 | 97.8 | 98.0 | 98.1 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 |
| ≥ 500 | 84.9 | 96.7 | 97.4 | 97.8 | 98.1 | 98.1 | 98.4 | 98.5 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 400 | 84.9 | 96.7 | 97.4 | 97.8 | 98.1 | 98.1 | 98.4 | 98.6 | 98.6 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.3 |
| ≥ 300 | 84.9 | 96.7 | 97.5 | 97.9 | 98.1 | 98.2 | 98.5 | 98.7 | 98.7 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.6 |
| ≥ 200 | 84.9 | 96.7 | 97.5 | 97.9 | 98.2 | 98.2 | 98.6 | 98.7 | 98.7 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.8 |
| ≥ 100 | 84.9 | 96.7 | 97.5 | 97.9 | 98.2 | 98.2 | 98.6 | 98.8 | 98.8 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.6 | 99.9 |
| ≥ 0 | 84.9 | 96.7 | 97.5 | 97.9 | 98.2 | 98.2 | 98.6 | 98.8 | 98.8 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 5951

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

23044 | 23044 STATION | 23065 AAF TX (EL PASO) STATION NAME | 72-80 YEARS | ALL MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 70.0 | 75.2 | 75.3 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.6 |
| ≥ 20000 | 76.3 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 18000 | 76.3 | 81.9 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 16000 | 76.6 | 82.3 | 82.4 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 14000 | 77.6 | 83.5 | 83.6 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 |
| ≥ 12000 | 80.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 10000 | 82.1 | 89.3 | 89.4 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 |
| ≥ 9000 | 82.8 | 89.1 | 89.3 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 8000 | 83.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 7000 | 84.9 | 91.7 | 91.8 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 6000 | 86.3 | 93.3 | 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 |
| ≥ 5000 | 87.4 | 94.7 | 94.8 | 94.9 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 4500 | 87.9 | 95.2 | 95.4 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 |
| ≥ 4000 | 88.5 | 96.0 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 3500 | 88.9 | 96.5 | 96.7 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 3000 | 89.4 | 97.0 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 2500 | 89.8 | 97.6 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2000 | 90.3 | 98.1 | 98.4 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1800 | 90.2 | 98.2 | 98.5 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1500 | 90.3 | 98.4 | 98.7 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 1200 | 90.4 | 98.5 | 98.8 | 99.0 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 90.4 | 98.6 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 90.4 | 98.6 | 98.9 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 90.4 | 98.6 | 98.9 | 99.1 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 90.4 | 98.6 | 99.0 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 90.4 | 98.6 | 99.0 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 500 | 90.5 | 98.7 | 99.0 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥ 400 | 90.5 | 98.7 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 90.5 | 98.7 | 99.0 | 99.2 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 200 | 90.5 | 98.7 | 99.0 | 99.2 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 90.5 | 98.7 | 99.0 | 99.2 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 90.5 | 96.7 | 99.0 | 99.2 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 70080

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

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS 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: VALUES IN THE OTHER TENTHS COLUMNS ARE DERIVED FROM SYNOPTIC DATA REPORTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

27344 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | 00-02 | 44.4 | | | 18.2 | | | | | | 12.6 | 24.8 | 4.2 | 741 |
| | 03-05 | 40.1 | .6 | | 16.0 | .7 | 1.2 | 1.3 | | 1.9 | 13.2 | 24.8 | 4.5 | 743 |
| | 06-08 | 34.3 | | | 20.8 | .1 | | | | | 18.9 | 25.8 | 4.9 | 740 |
| | 09-11 | 31.2 | 3.0 | | 17.8 | 1.1 | 1.2 | 1.5 | | 2.4 | 13.7 | 28.1 | 5.0 | 743 |
| | 12-14 | 26.8 | | | 26.7 | | | | | | 19.5 | 27.0 | 5.3 | 742 |
| | 15-17 | 27.4 | 3.2 | | 20.5 | 1.5 | .4 | 1.6 | | 3.9 | 16.9 | 24.6 | 5.1 | 741 |
| | 18-20 | 34.3 | | | 24.8 | | | | | | 17.0 | 23.9 | 4.7 | 741 |
| | 21-23 | 41.6 | 1.6 | | 17.8 | .8 | 1.1 | 1.7 | | 2.3 | 11.6 | 21.5 | 4.1 | 743 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 35.9 | 1.1 | | 20.3 | .5 | .5 | .8 | | 1.3 | 15.4 | 25.1 | 4.7 | 5934 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| FEB | 00-02 | 54.2 | | | 16.8 | | | | | .1 | 11.7 | 17.1 | 3.3 | 677 |
| | 03-05 | 54.6 | 1.5 | | 13.1 | .4 | .7 | 1.3 | | 2.1 | 10.0 | 16.2 | 3.2 | 672 |
| | 06-08 | 46.4 | | | 19.1 | | | | | | 13.7 | 20.8 | 3.9 | 677 |
| | 09-11 | 39.1 | 4.0 | | 17.6 | 1.2 | 1.3 | .4 | | 3.8 | 14.5 | 18.0 | 4.1 | 676 |
| | 12-14 | 32.7 | | | 26.6 | | | | | | 22.1 | 18.6 | 4.6 | 673 |
| | 15-17 | 30.6 | 3.7 | | 18.5 | 1.2 | 1.2 | 1.3 | | 4.0 | 22.2 | 17.4 | 4.8 | 677 |
| | 18-20 | 41.7 | | | 22.7 | | | | | | 19.6 | 16.0 | 4.0 | 677 |
| | 21-23 | 52.9 | 1.5 | | 14.6 | 1.0 | .7 | .7 | | 2.4 | 10.0 | 16.1 | 3.3 | 678 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 44.0 | 1.3 | | 18.6 | .5 | .9 | .5 | | 1.6 | 15.5 | 17.5 | 3.9 | 5407 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAR | 00-02 | 52.8 | | | 17.9 | .1 | | | | | 14.1 | 15.1 | 3.3 | 743 |
| | 03-05 | 50.7 | 2.4 | | 16.4 | .5 | .8 | .9 | | 1.6 | 11.7 | 14.9 | 3.3 | 744 |
| | 06-08 | 45.0 | | | 23.4 | | | | | | 17.2 | 14.4 | 3.7 | 744 |
| | 09-11 | 40.1 | 3.5 | | 19.7 | 1.1 | 1.2 | 1.3 | | 3.0 | 15.8 | 14.3 | 3.9 | 741 |
| | 12-14 | 34.3 | | | 23.3 | | | | | | 23.3 | 19.2 | 4.7 | 735 |
| | 15-17 | 32.5 | 3.1 | | 22.3 | 1.0 | 1.4 | .5 | | 3.4 | 17.5 | 18.3 | 4.5 | 736 |
| | 18-20 | 41.2 | | | 21.5 | | | | | | 21.9 | 15.4 | 4.2 | 740 |
| | 21-23 | 50.1 | 2.6 | | 20.5 | .7 | 1.1 | .8 | | .9 | 9.3 | 14.0 | 3.1 | 742 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 43.3 | 1.5 | | 20.6 | .4 | .6 | .4 | | 1.1 | 16.4 | 15.7 | 3.8 | 5925 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 PERIOD | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00-02 | 58.4 | | | 20.4 | | | | | | 13.1 | 8.1 | 2.6 | 719 |
| | 03-05 | 60.7 | 1.8 | | 11.9 | .8 | 1.1 | 1.1 | | 2.2 | 10.9 | 9.5 | 2.6 | 717 |
| | 06-08 | 50.4 | .1 | | 22.0 | | | | | | 18.1 | 9.3 | 3.2 | 718 |
| | 09-11 | 46.9 | 3.2 | | 20.5 | 1.1 | 1.3 | .8 | | 2.6 | 13.2 | 10.3 | 3.2 | 718 |
| | 12-14 | 41.3 | | | 28.7 | | | | | | 16.8 | 13.2 | 3.7 | 714 |
| | 15-17 | 35.6 | 3.2 | | 25.4 | 1.3 | .4 | .8 | | 2.5 | 15.4 | 15.4 | 4.0 | 716 |
| | 18-20 | 43.7 | | | 24.6 | | | | | | 16.9 | 14.8 | 3.7 | 716 |
| | 21-23 | 51.9 | 2.1 | | 17.9 | 1.3 | 1.1 | 1.4 | | 2.8 | 11.5 | 10.0 | 3.0 | 720 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 48.6 | 1.3 | | 21.4 | .6 | .5 | .5 | | 1.3 | 14.5 | 11.3 | 3.3 | 5738 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00-02 | 55.4 | | | 20.2 | | | | | | 13.3 | 11.2 | 2.9 | 744 |
| | 03-05 | 52.2 | 4.3 | | 16.7 | .4 | 1.6 | 1.3 | | 1.5 | 12.6 | 9.7 | 2.9 | 744 |
| | 06-08 | 48.1 | | | 23.7 | | | | | | 16.4 | 11.8 | 3.4 | 744 |
| | 09-11 | 49.9 | 4.0 | | 19.8 | .9 | 1.2 | .4 | | 2.2 | 10.5 | 11.2 | 3.0 | 744 |
| | 12-14 | 30.4 | | | 31.9 | | | | | | 17.8 | 10.9 | 3.7 | 742 |
| | 15-17 | 31.0 | 4.7 | | 29.1 | .8 | 1.6 | 1.3 | | 2.4 | 14.8 | 14.0 | 4.0 | 741 |
| | 18-20 | 40.8 | | | 28.9 | | | | | | 17.0 | 13.3 | 3.7 | 743 |
| | 21-23 | 50.9 | 2.0 | | 18.3 | .7 | .5 | .9 | | 2.7 | 10.6 | 13.3 | 3.2 | 743 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 46.0 | 1.8 | | 23.6 | .4 | .6 | .5 | | 1.1 | 14.1 | 11.9 | 3.4 | 5945 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 PERIOD | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUN | 00-02 | 52.2 | | | 25.6 | | | | | | 12.7 | 9.4 | 2.9 | 714 |
| | 03-05 | 51.4 | 3.8 | | 21.6 | 2.4 | 1.0 | 1.4 | | 1.8 | 9.1 | 7.5 | 2.6 | 716 |
| | 06-08 | 52.0 | | | 29.8 | | | | | | 12.7 | 5.6 | 2.6 | 719 |
| | 09-11 | 56.7 | 3.2 | | 22.8 | 1.4 | .4 | .7 | | 2.1 | 9.4 | 3.3 | 2.2 | 720 |
| | 12-14 | 43.1 | | | 41.4 | | | | | | 12.3 | 3.2 | 2.7 | 717 |
| | 15-17 | 30.2 | 3.2 | | 39.9 | 1.4 | 2.1 | 1.7 | | 3.9 | 13.4 | 4.3 | 3.4 | 719 |
| | 18-20 | 35.8 | | | 33.9 | | | | | | 22.4 | 7.9 | 3.8 | 720 |
| | 21-23 | 49.9 | 2.8 | | 21.6 | 1.5 | 1.3 | 1.0 | | 1.4 | 12.3 | 8.2 | 2.9 | 716 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 46.4 | 1.6 | | 29.6 | .8 | .6 | .6 | | 1.2 | 13.0 | 6.2 | 2.9 | 5741 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

23044 | BIGGS AAF TX (EL PASO) | 73-80 | JUL
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00-02 | 25.5 | | | 29.4 | | | | | | 24.1 | 21.0 | 5.1 | 744 |
| | 03-05 | 24.5 | 3.2 | | 26.3 | 2.4 | 1.6 | 1.6 | | 4.3 | 19.1 | 16.9 | 4.9 | 744 |
| | 06-08 | 23.1 | | | 35.2 | | | | | | 25.5 | 16.1 | 5.0 | 744 |
| | 09-11 | 26.5 | 4.2 | | 31.3 | 2.0 | 2.2 | 1.5 | | 5.0 | 18.7 | 8.7 | 4.2 | 744 |
| | 12-14 | 13.3 | | | 49.6 | | | | | | 29.0 | 8.1 | 4.9 | 744 |
| | 15-17 | 5.4 | 3.6 | | 38.0 | 2.6 | 2.3 | 1.9 | | 7.3 | 28.9 | 10.1 | 5.7 | 744 |
| | 18-20 | 11.6 | | | 33.7 | | | | | | 37.5 | 17.2 | 6.1 | 744 |
| | 21-23 | 23.7 | 2.2 | | 22.0 | 1.6 | 1.5 | 1.9 | | 5.6 | 22.2 | 19.4 | 5.3 | 744 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 19.2 | 1.7 | | 33.2 | 1.1 | 1.0 | .9 | | 2.8 | 25.6 | 14.7 | 5.2 | 5952 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY O 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 | 30.6 | | | 31.4 | | | | | | 20.6 | 17.5 | 4.5 | 743 |
| | 03-05 | 34.7 | 3.1 | | 25.8 | 1.1 | 1.7 | 1.2 | | 4.7 | 14.0 | 15.7 | 4.0 | 744 |
| | 06-08 | 28.9 | | | 33.9 | | | | | | 23.4 | 13.8 | 4.5 | 744 |
| | 09-11 | 34.1 | 5.9 | | 25.7 | 1.7 | 1.9 | 1.5 | | 3.0 | 16.9 | 9.3 | 3.8 | 744 |
| | 12-14 | 16.0 | | | 47.2 | | | | | | 26.9 | 7.9 | 4.6 | 744 |
| | 15-17 | 8.7 | 3.4 | | 40.8 | 2.3 | 1.7 | 2.2 | | 6.2 | 24.5 | 10.2 | 5.3 | 743 |
| | 18-20 | 19.6 | | | 30.9 | | | | | | 33.1 | 16.5 | 5.5 | 741 |
| | 21-23 | 27.1 | 2.3 | | 24.4 | 1.3 | 1.1 | 1.2 | | 4.0 | 19.3 | 17.1 | 4.7 | 741 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.5 | 1.8 | | 32.5 | .8 | .8 | .8 | | 2.2 | 22.3 | 13.3 | 4.6 | 5944 |

USAFETAC FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

23044 | IGGS AAF TX (EL PASO) | 72-79 | SEP
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L 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 | 40.7 | | | 22.9 | .3 | | | | | 16.5 | 19.6 | 4.1 | 720 |
| | 03-05 | 43.5 | 1.8 | | 17.5 | .9 | .8 | 1.3 | | 1.7 | 12.4 | 20.3 | 4.0 | 720 |
| | 06-08 | 37.6 | | | 23.8 | | | | | | 19.5 | 19.2 | 4.4 | 719 |
| | 09-11 | 40.7 | 3.5 | | 19.1 | 2.4 | .8 | 1.3 | | 1.5 | 15.3 | 15.5 | 3.9 | 718 |
| | 12-14 | 30.4 | .1 | | 34.6 | | | | | | 21.7 | 13.2 | 4.3 | 720 |
| | 15-17 | 21.5 | 4.2 | | 35.1 | 1.9 | 1.7 | 1.0 | | 3.8 | 21.3 | 9.6 | 4.5 | 720 |
| | 18-20 | 31.8 | | | 27.7 | | | | | | 25.2 | 15.3 | 4.6 | 719 |
| | 21-23 | 39.9 | 1.8 | | 17.6 | 1.1 | 1.7 | 1.0 | | 2.2 | 15.4 | 19.3 | 4.2 | 720 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 35.8 | 1.4 | | 24.8 | .8 | .6 | .6 | | 1.2 | 18.4 | 16.5 | 4.3 | 5756 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

23044 (BIGGS AAF TX (EL PASO)) 72-79 OCT
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| OCT | 00-02 | 59.8 | | | 14.6 | | | | | | 9.6 | 16.0 | 2.9 | 742 |
| | 03-05 | 57.8 | 1.2 | | 15.5 | 1.3 | .4 | .8 | | 1.1 | 7.7 | 14.2 | 2.8 | 742 |
| | 06-08 | 51.8 | | | 19.8 | | | | | .1 | 15.0 | 13.2 | 3.3 | 741 |
| | 09-11 | 51.2 | 3.2 | | 15.3 | .5 | 1.1 | 1.4 | | 3.0 | 14.1 | 11.2 | 3.3 | 739 |
| | 12-14 | 46.0 | | | 26.0 | | | | | | 16.9 | 11.1 | 3.4 | 741 |
| | 15-17 | 45.0 | 4.0 | | 21.7 | .9 | 1.2 | .5 | | 1.9 | 13.1 | 11.6 | 3.3 | 742 |
| | 18-20 | 50.3 | | | 21.2 | | | | | | 12.3 | 16.3 | 3.4 | 742 |
| | 21-23 | 57.1 | 1.5 | | 15.7 | .9 | .3 | .9 | | 1.3 | 8.3 | 13.8 | 2.8 | 744 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 52.3 | 1.2 | | 18.7 | .5 | .4 | .5 | | .9 | 12.1 | 13.4 | 3.2 | 5933 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (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 | 65.9 | | | 17.0 | | | | | | 6.5 | 10.6 | 2.2 | 718 |
| | 03-05 | 68.7 | 2.1 | | 15.6 | 1.0 | .4 | .6 | | 1.1 | 6.5 | 10.0 | 2.3 | 710 |
| | 06-08 | 51.7 | | | 20.2 | | | | | | 15.5 | 12.7 | 3.3 | 718 |
| | 09-11 | 45.6 | 4.9 | | 16.7 | .3 | 1.1 | 1.1 | | 2.1 | 14.6 | 13.8 | 3.5 | 720 |
| | 12-14 | 43.8 | | | 26.7 | | | | | | 17.3 | 12.2 | 3.6 | 715 |
| | 15-17 | 43.5 | 4.6 | | 22.0 | 1.4 | .7 | .8 | | 2.8 | 15.6 | 8.6 | 3.3 | 718 |
| | 18-20 | 55.4 | | | 21.2 | | | | | | 12.9 | 10.5 | 2.8 | 713 |
| | 21-23 | 63.9 | 2.1 | | 14.3 | .6 | .6 | .6 | | 1.4 | 6.2 | 10.5 | 2.3 | 714 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 54.1 | 1.7 | | 19.2 | .4 | .4 | .4 | | .9 | 11.9 | 11.1 | 2.9 | 5734 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

23 44 BIGGS AAF TX (EL PASO) 72-79 DEC
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| DEC | 00-02 | 59.5 | | | 13.1 | | | | | | 11.4 | 15.9 | 3.0 | 734 |
| | 03-05 | 56.2 | .7 | | 11.2 | .9 | .7 | .9 | | 1.6 | 10.0 | 17.7 | 3.3 | 740 |
| | 06-08 | 41.8 | | | 22.0 | | | | | | 16.2 | 20.0 | 4.1 | 741 |
| | 09-11 | 40.2 | 3.1 | | 18.2 | .9 | .5 | 2.0 | | 2.7 | 14.6 | 17.6 | 4.1 | 738 |
| | 12-14 | 36.3 | | | 27.2 | .1 | | | | | 19.5 | 16.8 | 4.3 | 732 |
| | 15-17 | 36.4 | 2.7 | | 19.1 | .8 | .7 | .8 | | 3.7 | 16.3 | 19.5 | 4.4 | 734 |
| | 18-20 | 44.5 | | | 21.3 | | | | | .1 | 17.5 | 16.6 | 3.9 | 731 |
| | 21-23 | 52.9 | 1.1 | | 14.6 | .4 | .4 | .5 | | 1.2 | 11.2 | 17.7 | 3.4 | 741 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 46.0 | 1.0 | | 18.3 | .4 | .3 | .5 | | 1.2 | 14.6 | 17.7 | 3.8 | 5891 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-80 (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 | 35.0 | 1.1 | | 20.3 | .5 | .5 | .8 | | 1.3 | 15.4 | 25.1 | 4.7 | 5934 |
| FEB | | 44.6 | 1.3 | | 18.6 | .5 | .5 | .5 | | 1.6 | 15.5 | 17.5 | 3.9 | 5407 |
| MAR | | 43.3 | 1.5 | | 20.6 | .4 | .6 | .4 | | 1.1 | 16.4 | 15.7 | 3.8 | 5925 |
| APR | | 46.6 | 1.3 | | 21.4 | .6 | .5 | .5 | | 1.3 | 14.5 | 11.3 | 3.3 | 5738 |
| MAY | | 46.0 | 1.8 | | 23.6 | .4 | .6 | .5 | | 1.1 | 14.1 | 11.9 | 3.4 | 5945 |
| JUN | | 46.4 | 1.6 | | 29.6 | .8 | .6 | .6 | | 1.2 | 13.0 | 6.2 | 2.9 | 5741 |
| JUL | | 19.2 | 1.7 | | 33.2 | 1.1 | 1.0 | .9 | | 2.8 | 25.6 | 14.7 | 5.2 | 5952 |
| AUG | | 25.5 | 1.8 | | 32.5 | .8 | .8 | .8 | | 2.2 | 22.3 | 13.3 | 4.6 | 5944 |
| SEP | | 35.8 | 1.4 | | 24.8 | .8 | .6 | .6 | | 1.2 | 18.4 | 16.5 | 4.3 | 5756 |
| OCT | | 52.3 | 1.2 | | 18.7 | .5 | .4 | .5 | | .9 | 12.1 | 13.4 | 3.2 | 5933 |
| NOV | | 54.1 | 1.7 | | 19.2 | .4 | .4 | .4 | | .9 | 11.3 | 11.1 | 2.9 | 5734 |
| DEC | | 46.3 | 1.9 | | 18.3 | .4 | .3 | .5 | | 1.2 | 14.6 | 17.7 | 3.8 | 5891 |
| TOTALS | | 41.4 | 1.5 | | 23.4 | .6 | .6 | .6 | | 1.4 | 16.2 | 14.5 | 3.8 | 69900 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
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: Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OL A to present these data may result in differences not exceeding $\pm 1^{\circ}$F from directly converted values but excludes no Fahrenheit values.

   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.

Continued on Reverse

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.

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# DAILY TEMPERATURES

2 ...44 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 50-80 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110 | | | | | | .2 | .4 | | | | | | .1 |
| 105 | | | | | | 6.7 | 3.5 | .4 | | | | | .9 |
| 100 | | | | | 1.1 | 26.6 | 20.7 | 8.1 | 1.1 | | | | 4.9 |
| 95 | | | | .2 | 11.7 | 63.0 | 59.9 | 43.6 | 13.4 | .4 | | | 16.2 |
| 90 | | | | 6 | 39.4 | 87.2 | 85.8 | 78.4 | 42.9 | 4.6 | | | 29.0 |
| 85 | | | 1.5 | 21.9 | 68.2 | 96.2 | 95.2 | 94.1 | 74.0 | 25.1 | | | 40.0 |
| 80 | .1 | 1.5 | 12.2 | 49.7 | 85.8 | 98.8 | 98.9 | 98.3 | 89.1 | 50.5 | 2.6 | .1 | 49.4 |
| 75 | 1.0 | 8.8 | 31.9 | 73.8 | 94.1 | 99.5 | 99.7 | 99.6 | 95.3 | 74.6 | 15.0 | .9 | 58.2 |
| 70 | 8.2 | 24.0 | 55.2 | 87.0 | 98.4 | 100.0 | 100.0 | 100.0 | 97.3 | 88.9 | 39.7 | 9.5 | 67.6 |
| 65 | 24.2 | 45.2 | 71.2 | 94.4 | 99.6 | | | | 98.6 | 94.8 | 61.2 | 23.7 | 76.2 |
| 60 | 46.5 | 66.4 | 86.0 | 97.8 | 99.9 | | | | 99.2 | 98.6 | 77.8 | 46.7 | 85.0 |
| 55 | 67.7 | 82.6 | 93.1 | 99.6 | 100.0 | | | | 99.8 | 99.2 | 89.4 | 69.0 | 91.7 |
| 50 | 83.1 | 91.8 | 97.2 | 99.9 | | | | | 100.0 | 99.6 | 95.2 | 86.0 | 96.1 |
| 45 | 92.5 | 96.9 | 99.1 | 100.0 | | | | | | 99.8 | 97.8 | 93.8 | 98.3 |
| 40 | 96.8 | 98.4 | 99.6 | | | | | | | 100.0 | 99.1 | 97.5 | 99.3 |
| 35 | 99.3 | 99.4 | 100.0 | | | | | | | | 99.7 | 99.6 | 99.8 |
| 30 | 99.3 | 99.5 | | | | | | | | | 99.9 | 100.0 | 99.9 |
| 25 | 99.8 | 99.9 | | | | | | | | | 100.0 | | 100.0 |
| 20 | | 100.0 | | | | | | | | | | | 100.0 |
| 15 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 57.9 | 62.7 | 69.3 | 78.4 | 86.8 | 95.8 | 95.1 | 93.0 | 87.5 | 78.8 | 65.9 | 58.3 | 77.5 |
| S D | 9.012 | 9.217 | 9.084 | 7.694 | 6.966 | 5.966 | 5.663 | 5.275 | 7.140 | 7.749 | 8.841 | 8.426 | 15.729 |
| TOTAL OBS | 961 | 876 | 961 | 930 | 961 | 930 | 961 | 961 | 900 | 930 | 900 | 930 | 11201 |

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

3

GLOBAL CLIMATOLOGY BRANCH
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# DAILY TEMPERATURES

2 144 (STATION) KIGGS AAF TX (EL PASO) (STATION NAME) 50-80 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | 1.3 | .6 | .4 | | | | | .2 |
| 75 | | | | | .5 | 8.4 | 12.2 | 5.6 | .1 | | | | 2.3 |
| 70 | | | | | 3.7 | 33.3 | 55.5 | 37.5 | 5.9 | | | | 11.5 |
| 65 | | | .1 | 1.4 | 17.4 | 65.5 | 91.9 | 81.9 | 36.7 | 2.4 | | | 25.1 |
| 60 | | | .9 | 8.8 | 42.5 | 88.3 | 99.8 | 98.2 | 70.8 | 10.0 | | | 35.3 |
| 55 | | .7 | 5.6 | 25.4 | 67.0 | 97.6 | 100.0 | 100.0 | 87.8 | 29.1 | .8 | .1 | 43.2 |
| 50 | 1.5 | 3.9 | 17.0 | 50.9 | 87.4 | 99.8 | | | 96.6 | 54.1 | 7.2 | 1.5 | 52.0 |
| 45 | 6.7 | 14.2 | 36.0 | 74.7 | 96.7 | 100.0 | | | 99.7 | 77.5 | 20.3 | 6.7 | 61.4 |
| 40 | 18.4 | 29.7 | 57.4 | 89.2 | 99.2 | | | | 100.0 | 92.0 | 41.2 | 16.1 | 70.5 |
| 35 | 36. | 50.9 | 78.3 | 96.2 | 99.9 | | | | | 98.7 | 66.7 | 32.4 | 80.1 |
| 30 | 44.4 | 60.8 | 84.9 | 98.5 | | | | | | 99.2 | 75.4 | 41.8 | 83.9 |
| 25 | 56.7 | 73.5 | 90.9 | 99.5 | 100.0 | | | | | 99.6 | 86.9 | 58.8 | 89.1 |
| 20 | 79.1 | 88.8 | 97.7 | 99.9 | | | | | | 100.0 | 95.1 | 82.0 | 95.2 |
| 10 | 93.0 | 96.3 | 99.6 | 100.0 | | | | | | | 98.8 | 93.7 | 98.5 |
| 15 | 97.3 | 99.2 | 99.9 | | | | | | | | 99.4 | 98.8 | 99.6 |
| 10 | 99.2 | 99.9 | 100.0 | | | | | | | | 99.7 | 99.9 | 99.9 |
| 5 | 99.6 | 100.0 | | | | | | | | | 99.8 | 100.0 | 99.9 |
| 0 | 99.9 | | | | | | | | | | 100.0 | | 100.0 |
| -10 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 1.4 | 34.6 | 41.2 | 49.3 | 57.6 | 66.7 | 70.0 | 68.1 | 61.9 | 50.1 | 37.8 | 31.4 | 50.0 |
| S D | .635 | 6.441 | 8.422 | 7.565 | 7.061 | 5.923 | 3.943 | 4.078 | 5.766 | 7.408 | 7.898 | 7.989 | 15.735 |
| TOTAL OBS | 961 | 876 | 961 | 930 | 961 | 930 | 961 | 961 | 900 | 930 | 900 | 930 | 11201 |

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

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# DAILY TEMPERATURES

2 44 — STATION
TOGS AAF TX (EL PASO) — STATION NAME
50-80 — 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 | | | | | | .1 | .2 | | | | | | .0 |
| ≥ 90 | | | | | .1 | 4.6 | 5.2 | 1.0 | | | | | .9 |
| ≥ 85 | | | | | 1.1 | 29.0 | 36.5 | 18.4 | 1.3 | | | | 7.3 |
| ≥ 80 | | | | | 10.5 | 67.7 | 78.9 | 64.7 | 19.0 | .1 | | | 20.4 |
| ≥ 75 | | | | 3.7 | 39.8 | 89.8 | 96.1 | 93.7 | 60.8 | 4.5 | | | 32.7 |
| ≥ 70 | | | 1.7 | 23.5 | 70.6 | 98.6 | 99.5 | 99.3 | 35.3 | 23.2 | | | 41.9 |
| ≥ 65 | | 1.5 | 11.9 | 50.8 | 89.3 | 99.8 | 100.0 | 100.0 | 94.8 | 54.1 | 1.7 | .2 | 50.7 |
| ≥ 60 | 1.6 | 6.8 | 32.0 | 76.9 | 97.3 | 100.0 | | | 98.4 | 80.6 | 14.1 | 1.6 | 59.5 |
| ≥ 55 | 8.8 | 24.1 | 56.9 | 91.4 | 99.5 | | | | 99.6 | 94.4 | 40.3 | 9.0 | 68.9 |
| ≥ 50 | 28.4 | 49.9 | 77.9 | 97.3 | 100.0 | | | | 99.9 | 98.3 | 68.6 | 26.6 | 79.0 |
| ≥ 45 | 55.0 | 74.0 | 91.3 | 99.6 | | | | | 100.0 | 99.6 | 85.7 | 52.7 | 88.2 |
| ≥ 40 | 76.6 | 89.3 | 97.3 | 100.0 | | | | | | 99.9 | 94.4 | 78.9 | 94.7 |
| ≥ 35 | 92.4 | 96.0 | 99.4 | | | | | | | 100.0 | 98.6 | 94.0 | 98.3 |
| ≥ 30 | 97.1 | 98.7 | 100.0 | | | | | | | | 99.3 | 98.8 | 99.5 |
| ≥ 25 | 98.9 | 99.4 | | | | | | | | | 99.7 | 99.9 | 99.8 |
| ≥ 20 | 99.4 | 99.8 | | | | | | | | | 99.8 | 100.0 | 99.9 |
| ≥ 15 | 99.8 | 100.0 | | | | | | | | | 100.0 | | 100.0 |
| ≥ 0 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 44.9 | 49.0 | 55.5 | 64.1 | 72.5 | 81.5 | 82.8 | 80.8 | 74.9 | 64.7 | 52.1 | 45.1 | 64.0 |
| S D | 7.705 | 7.673 | 7.655 | 6.552 | 6.133 | 5.147 | 4.317 | 3.992 | 5.541 | 6.324 | 7.276 | 7.009 | 15.268 |
| TOTAL OBS | 961 | 876 | 961 | 930 | 961 | 930 | 961 | 961 | 900 | 930 | 900 | 930 | 11201 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

# EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23044 STATION  BIGGS AAF TX (EL PASO) STATION NAME  50-80 YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 75 | 75 | 84 | 90 | 94 | 103 | 99 | 100 | 94 | 90 | 81 | 73 | 103 |
| 51 | 70 | 78 | 80 | 86 | 104 | 105 | 107 | 103 | 99 | 90 | 74 | 74 | 107 |
| 52 | 75 | 72 | 77 | 85 | 94 | 101 | 100 | 103 | 99 | 90 | 83 | 65 | 103 |
| 53 | 73 | 74 | 86 | 88 | 99 | 106 | 104 | 100 | 96 | 87 | 76 | 72 | 106 |
| 54 | 72 | 77 | 80 | 90 | 94 | 103 | 103 | 101 | 97 | 91 | 80 | 75 | 103 |
| 55 | 69 | 74 | 78 | 89 | 92 | 103 | 101 | 97 | 98 | 90 | 77 | 75 | 103 |
| 56 | 73 | 77 | 83 | 86 | 99 | 102 | 101 | 100 | 101 | 93 | 75 | 68 | 102 |
| 57 | 72 | 81 | 80 | 85 | 95 | 107 | 106 | 97 | 95 | 87 | 75 | 68 | 107 |
| 58 | 73 | 77 | 74 | 92 | 100 | 102 | 106 | 98 | 99 | 85 | 78 | 76 | 106 |
| 59 | 73 | 75 | 77 | 93 | 97 | 104 | 105 | 101 | 101 | 89 | 80 | 69 | 105 |
| 60 | 69 | 72 | 84 | 92 | 96 | 109 | 109 | 103 | 95 | 88 | 80 | 66 | 109 |
| 61 | 63 | 76 | 81 | 91 | 99 | 103 | 102 | 101 | 93 | 90 | 73 | 70 | 103 |
| 62 | 68 | 79 | 81 | 93 | 98 | 102 | 100 | 102 | 93 | 87 | 78 | 64 | 102 |
| 63 | 75 | 77 | 86 | 92 | 97 | 101 | 106 | 97 | 94 | 88 | 78 | 65 | 106 |
| 64 | 64 | 67 | 80 | 88 | 100 | 100 | 105 | 100 | 98 | 87 | 76 | 70 | 105 |
| 65 | 72 | 72 | 80 | 98 | 96 | 100 | 101 | 102 | 94 | 92 | 79 | 69 | 102 |
| 66 | 67 | 68 | 81 | 85 | 97 | 101 | 102 | 101 | 91 | 89 | 81 | 73 | 102 |
| 67 | 74 | 78 | 88 | 90 | 95 | 101 | 98 | 99 | 94 | 97 | 77 | 69 | 101 |
| 68 | 69 | 74 | 82 | 84 | 99 | 106 | 100 | 94 | 95 | 92 | 79 | 68 | 106 |
| 69 | 74 | 71 | 87 | 90 | 101 | 105 | 103 | 105 | 98 | 92 | 79 | 73 | 105 |
| 70 | 80 | 78 | 80 | 86 | 98 | 105 | 105 | 99 | 98 | 84 | 79 | 75 | 105 |
| 71 | 79 | 78 | 88 | 89 | 94 | 101 | 100 | 93 | 96 | 84 | 77 | 71 | 101 |
| 72 | 75 | 83 | 85 | 92 | 93 | 101 | 104 | 101 | 89 | 92 | 75 | 72 | 104 |
| 73 | 72 | 77 | 76 | 87 | 95 | 108 | 105 | 101 | 100 | 96 | 84 | 80 | 108 |
| 74 | 78 | 77 | 86 | 97 | 101 | 107 | 100 | 98 | 99 | 87 | 73 | 71 | 107 |
| 75 | 76 | 77 | 86 | 92 | 95 | 105 | 100 | 104 | 97 | 93 | 82 | 74 | 105 |
| 76 | 68 | 80 | 85 | 92 | 98 | 105 | 99 | 102 | 93 | 83 | 76 | 65 | 105 |
| 77 | 64 | 77 | 76 | 90 | 99 | 107 | 104 | 103 | 98 | 90 | 79 | 76 | 107 |
| 78 | 71 | 74 | 87 | 91 | 99 | 111 | 105 | 100 | 94 | 93 | 79 | 72 | 111 |
| 79 | 61 | 78 | 80 | 92 | 97 | 107 | 112 | 99 | 101 | 96 | 81 | 73 | 112 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-88-5 (OLA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 50-80 (YEARS)

WHOLE DEGREES FAHRENHEIT

| MONTH / YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 71 | 80 | 78 | 92 | 98 | 109 | 106 | 108 | | | | | |
| MEAN | 71.3 | 75.9 | 81.8 | 89.9 | 97.2 | 104.2 | 103.2 | 100.4 | 96.3 | 89.5 | 78.1 | 71.0 | 105.0 |
| S D | 4.392 | 3.553 | 3.919 | 3.380 | 2.713 | 2.971 | 3.246 | 3.041 | 3.053 | 3.267 | 2.813 | 3.891 | 2.748 |
| TOTAL OBS | 961 | 876 | 961 | 930 | 961 | 930 | 961 | 961 | 900 | 930 | 900 | 930 | 11201 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM AM 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23044 STATION  BIGGS AAF TX (EL PASO) STATION NAME  50-80 YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH / YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 21 | 30 | 31 | 41 | 44 | 58 | 62 | 63 | 53 | 46 | 16 | 19 | 16 |
| 51 | 18 | 10 | 23 | 34 | 38 | 56 | 64 | 64 | 56 | 45 | 21 | 23 | 10 |
| 52 | 19 | 20 | 26 | 40 | 45 | 59 | 60 | 65 | 53 | 41 | 25 | 19 | 19 |
| 53 | 23 | 18 | 27 | 40 | 42 | 60 | 64 | 65 | 57 | 35 | 27 | 5 | 5 |
| 54 | 19 | 28 | 28 | 42 | 43 | 62 | 61 | 61 | 60 | 41 | 31 | 15 | 15 |
| 55 | 20 | 22 | 23 | 40 | 46 | 56 | 64 | 65 | 56 | 41 | 27 | 25 | 20 |
| 56 | 24 | 8 | 24 | 36 | 46 | 59 | 63 | 63 | 57 | 32 | 21 | 20 | 8 |
| 57 | 21 | 28 | 33 | 36 | 48 | 56 | 62 | 61 | 52 | 40 | 18 | 19 | 18 |
| 58 | 22 | 27 | 28 | 40 | 51 | 65 | 64 | 63 | 51 | 35 | 22 | 16 | 16 |
| 59 | 17 | 27 | 28 | 40 | 45 | 57 | 63 | 63 | 51 | 43 | 19 | 19 | 17 |
| 60 | 19 | 18 | 26 | 34 | 47 | 59 | 63 | 64 | 50 | 34 | 27 | 19 | 18 |
| 61 | 21 | 23 | 24 | 35 | 46 | 53 | 65 | 63 | 53 | 37 | 28 | 24 | 21 |
| 62 | -8 | 30 | 22 | 37 | 47 | 56 | 65 | 62 | 53 | 36 | 25 | 23 | -8 |
| 63 | 10 | 11 | 27 | 41 | 50 | 59 | 65 | 65 | 53 | 46 | 31 | 17 | 10 |
| 64 | 10 | 15 | 26 | 38 | 44 | 51 | 65 | 64 | 50 | 38 | 23 | 11 | 10 |
| 65 | 21 | 21 | 15 | 38 | 40 | 53 | 67 | 64 | 50 | 39 | 30 | 25 | 15 |
| 66 | 20 | 18 | 25 | 34 | 51 | 57 | 67 | 58 | 52 | 33 | 27 | 14 | 14 |
| 67 | 9 | 17 | 25 | 35 | 31 | 58 | 67 | 61 | 49 | 27 | 28 | 18 | 9 |
| 68 | 22 | 27 | 28 | 33 | 47 | 51 | 64 | 60 | 45 | 37 | 31 | 13 | 13 |
| 69 | 20 | 23 | 23 | 37 | 42 | 58 | 66 | 67 | 55 | 36 | 21 | 22 | 20 |
| 70 | 14 | 21 | 33 | 34 | 35 | 54 | 62 | 58 | 46 | 25 | 18 | 19 | 14 |
| 71 | 3 | 13 | 14 | 36 | 46 | 53 | 62 | 60 | 44 | 35 | 31 | 23 | 3 |
| 72 | 13 | 18 | 31 | 30 | 46 | 52 | 64 | 62 | 48 | 40 | 24 | 20 | 10 |
| 73 | 18 | 20 | 28 | 24 | 38 | 52 | 59 | 56 | 42 | 31 | 18 | 10 | 10 |
| 74 | 14 | 11 | 25 | 34 | 42 | 52 | 62 | 58 | 49 | 39 | 20 | 17 | 11 |
| 75 | 15 | 23 | 30 | 31 | 38 | 54 | 61 | 58 | 42 | 38 | 23 | 17 | 15 |
| 76 | 17 | 20 | 24 | 32 | 43 | 51 | 61 | 57 | 45 | 33 | 1 | 18 | 1 |
| 77 | 21 | 24 | 18 | 31 | 43 | 56 | 61 | 65 | 54 | 42 | 30 | 16 | 16 |
| 78 | 24 | 25 | 30 | 37 | 41 | 56 | 65 | 60 | 52 | 39 | 29 | 13 | 13 |
| 79 | 15 | 23 | 26 | 28 | 42 | 48 | 57 | 59 | 52 | 30 | 17 | 14 | 14 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23044 (STATION) 6166S AAF TX (EL PASO) (STATION NAME) 50-80 (YEARS)

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 17 | 16 | 24 | 28 | 42 | 52 | 67 | 63 | | | | | |
| MEAN | 16.6 | 20.5 | 25.6 | 35.4 | 43.6 | 55.6 | 63.3 | 61.8 | 51.0 | 37.1 | 23.6 | 17.8 | 12.4 |
| SD | 6.731 | 5.977 | 4.431 | 4.355 | 4.515 | 3.722 | 2.438 | 2.830 | 4.472 | 5.171 | 6.387 | 4.629 | 6.257 |
| TOTAL OBS | 961 | 876 | 961 | 930 | 961 | 930 | 961 | 961 | 900 | 930 | 900 | 930 | 1120 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 64 0-88-5 (OLA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2344 (IGS AAF TX (EL PASO) 73-82 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 2 | 3 4 | 5 6 | 7 8 | 9 10 | 11 12 | 13 14 | 15 16 | 17 18 | 19 20 | 21 22 | 23 24 | 25 26 | 27 28 | 29 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 61/ 59 | | | | | .1 | | .3 | .1 | | .1 | | | | | | | | 6 | 6 | | |
| 58/ 57 | | | | .1 | | .3 | | | | | | | | | | | | 3 | 3 | | |
| 56/ 55 | | | | | | .8 | .1 | | .1 | | | | | | | | | 8 | 8 | | |
| 54/ 53 | | | | .1 | .1 | .8 | .3 | .1 | .3 | | | | | | | | | 13 | 13 | | |
| 52/ 51 | | .1 | | .1 | .5 | 1.6 | 1.1 | .3 | | | | | | | | | | 28 | 28 | 3 | |
| 50/ 49 | .4 | .5 | .6 | 1.1 | .5 | .8 | .3 | .7 | .1 | | | | | | | | | 43 | 43 | 5 | 6 |
| 48/ 47 | .3 | .5 | .9 | 1.1 | 1.2 | 1.1 | .9 | .1 | | | | | | | | | | 46 | 46 | 16 | 3 |
| 46/ 45 | | .9 | .4 | .7 | 1.2 | 1.1 | .1 | .1 | | | | | | | | | | 34 | 34 | 24 | 7 |
| 44/ 43 | .1 | 1.1 | 1.6 | 1.2 | 1.1 | 1.1 | .5 | | | | | | | | | | | 50 | 50 | 33 | 17 |
| 42/ 41 | | .8 | 1.6 | 2.0 | 1.3 | .3 | .1 | | | | | | | | | | | 46 | 46 | 41 | 12 |
| 40/ 39 | .1 | 1.1 | 2.5 | 2.3 | 1.5 | 1.1 | .1 | | | | | | | | | | | 65 | 65 | 53 | 17 |
| 38/ 37 | | .7 | 3.5 | 2.0 | 1.6 | .4 | | | | | | | | | | | | 61 | 61 | 50 | 21 |
| 36/ 35 | | 2.4 | 3.4 | 3.2 | .8 | .3 | | | | | | | | | | | | 75 | 75 | 69 | 35 |
| 34/ 33 | | 3.5 | 3.6 | 3.0 | .7 | | | | | | | | | | | | | 77 | 77 | 96 | 70 |
| 32/ 31 | .4 | 3.5 | 3.5 | 2.3 | | | | | | | | | | | | | | 72 | 72 | 98 | 83 |
| 30/ 29 | | .9 | 2.6 | 1.2 | .1 | | | | | | | | | | | | | 36 | 36 | 93 | 80 |
| 28/ 27 | .3 | 2.2 | 1.7 | .3 | | | | | | | | | | | | | | 33 | 33 | 61 | 59 |
| 26/ 25 | | 2.2 | .7 | .3 | | | | | | | | | | | | | | 23 | 23 | 50 | 76 |
| 24/ 23 | .1 | 1.3 | .5 | | | | | | | | | | | | | | | 15 | 15 | 34 | 60 |
| 22/ 21 | .1 | .5 | | | | | | | | | | | | | | | | 5 | 5 | 18 | 52 |
| 20/ 19 | | .4 | .1 | | | | | | | | | | | | | | | 4 | 4 | 6 | 73 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 3 | 49 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 37 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 19 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 11 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 7 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 8 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.9 | 22.7 | 27.6 | 21.9 | 10.6 | 9.6 | 4.4 | 1.5 | .5 | .1 | | | | | | | | 743 | | 743 | |
| | | | | | | | | | | | | | | | | | | | 743 | | 743 |

| 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. | 3261969 | 47531 | 64.0 | 17.271 | 743 | | | | | | | |
| Dry Bulb | 1144270 | 28524 | 38.4 | 8.145 | 743 | | 23.5 | | | | | 93 |
| Wet Bulb | 864085 | 24851 | 33.4 | 6.659 | 743 | | 44.2 | | | | | 93 |
| Dew Point | 561954 | 19486 | 26.2 | 8.283 | 743 | | 74.5 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AM 64

2444

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JAN 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 |
| 59/ 57 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 56/ 55 | | | | | .1 | .3 | | .1 | | .3 | | | | | | | | 8 | 8 | | |
| 54/ 53 | | | | | .3 | .5 | .8 | .1 | | | | | | | | | | 13 | 13 | | |
| 52/ 51 | | | | | .4 | 1.1 | .4 | | | | | | | | | | | 14 | 14 | | |
| 50/ 49 | .1 | | .3 | .4 | .9 | 1.1 | .8 | .4 | | | | | | | | | | 30 | 30 | 2 | 1 |
| 48/ 47 | .5 | 1.2 | 1.3 | .9 | .8 | 1.1 | 1.1 | | | | | | | | | | | 52 | 52 | 10 | 4 |
| 46/ 45 | .9 | .7 | 1.1 | .8 | 1.3 | .4 | .1 | | | | | | | | | | | 37 | 37 | 25 | 9 |
| 44/ 43 | | .9 | .9 | 1.6 | 1.5 | .4 | .1 | | | | | | | | | | | 41 | 41 | 21 | 11 |
| 42/ 41 | | .8 | 1.5 | 1.6 | 1.7 | .7 | .1 | | | | | | | | | | | 48 | 48 | 47 | 16 |
| 40/ 39 | | .8 | 1.5 | 1.9 | 1.3 | .4 | | | | | | | | | | | | 44 | 44 | 48 | 11 |
| 38/ 37 | .3 | 1.5 | 2.6 | .7 | 1.2 | .4 | | | | | | | | | | | | 49 | 49 | 59 | 20 |
| 36/ 35 | .5 | 2.6 | 3.5 | 1.1 | 1.1 | .1 | | | | | | | | | | | | 66 | 66 | 56 | 31 |
| 34/ 33 | .3 | 2.6 | 2.8 | 2.3 | .4 | | | | | | | | | | | | | 62 | 62 | 77 | 52 |
| 32/ 31 | .4 | 4.4 | 3.9 | 2.3 | | | | | | | | | | | | | | 81 | 81 | 62 | 70 |
| 30/ 29 | .9 | 3.6 | 3.1 | .9 | | | | | | | | | | | | | | 64 | 64 | 90 | 69 |
| 28/ 27 | .1 | 3.2 | .8 | .8 | | | | | | | | | | | | | | 37 | 37 | 80 | 66 |
| 26/ 25 | .3 | 2.3 | .8 | .3 | | | | | | | | | | | | | | 27 | 27 | 58 | 68 |
| 24/ 23 | .3 | 3.4 | .8 | | | | | | | | | | | | | | | 33 | 33 | 38 | 59 |
| 22/ 21 | .1 | 2.2 | .4 | | | | | | | | | | | | | | | 20 | 20 | 38 | 60 |
| 20/ 19 | .3 | 1.3 | .1 | | | | | | | | | | | | | | | 13 | 13 | 21 | 80 |
| 18/ 17 | .3 | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 10 | 58 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 2 | 34 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 28 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 7 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 11 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 7 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.0 | 31.6 | 25.4 | 15.7 | 11.3 | 6.6 | 3.5 | .7 | | .3 | | | | | | | | | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | |

| 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. | 3630248 | 50362 | 67.7 | 17.254 | 744 | | | | | | | |
| Dry Bulb | 1035431 | 27003 | 36.3 | 8.633 | 744 | | 34.9 | | | | | 93 |
| Wet Bulb | 805562 | 23882 | 32.1 | 7.053 | 744 | | 49.9 | | | | | 93 |
| Dew Point | 541160 | 19126 | 25.7 | 8.161 | 744 | | 76.1 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JAN 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 |
| 56/ 55 | | | | | | | | .1 | | .1 | | | | | | | | 2 | 2 | | |
| 54/ 53 | | | | | .3 | | | | .1 | | | | | | | | | 3 | 3 | | |
| 52/ 51 | | | | .1 | .7 | 1.3 | .5 | .4 | | | | | | | | | | 21 | 21 | | |
| 50/ 49 | | | | .2 | .2 | .9 | .1 | .3 | | | | | | | | | | 22 | 22 | | |
| 48/ 47 | .7 | .4 | .8 | .8 | 1.2 | .7 | .7 | .1 | | | | | | | | | | 40 | 40 | 6 | 6 |
| 46/ 45 | | .8 | .7 | 1.1 | .4 | .4 | .1 | | | | | | | | | | | 26 | 26 | 8 | 7 |
| 44/ 43 | .4 | 1.5 | .3 | 3.0 | .9 | .8 | .4 | | | | | | | | | | | 54 | 54 | 29 | 5 |
| 42/ 41 | .1 | 1.1 | 1.3 | 1.9 | .9 | .4 | | | | | | | | | | | | 43 | 43 | 43 | 16 |
| 40/ 39 | | 1.9 | 2.3 | 1.2 | .5 | .5 | | | | | | | | | | | | 48 | 48 | 38 | 13 |
| 38/ 37 | .1 | 1.5 | 2.3 | 2.8 | 1.1 | | | | | | | | | | | | | 58 | 58 | 61 | 19 |
| 36/ 35 | .5 | 3.0 | 2.6 | 2.2 | .7 | .4 | | | | | | | | | | | | 69 | 69 | 67 | 26 |
| 34/ 33 | .4 | 2.8 | 2.7 | 1.6 | .4 | | | | | | | | | | | | | 59 | 59 | 78 | 48 |
| 32/ 31 | .4 | 5.0 | 2.6 | 2.0 | .7 | | | | | | | | | | | | | 79 | 79 | 59 | 73 |
| 30/ 29 | .9 | 3.2 | 3.6 | 1.5 | | | | | | | | | | | | | | 69 | 69 | 89 | 69 |
| 28/ 27 | .3 | 3.8 | 1.5 | .1 | | | | | | | | | | | | | | 42 | 42 | 71 | 55 |
| 26/ 25 | .3 | 3.1 | 1.9 | .1 | | | | | | | | | | | | | | 40 | 40 | 68 | 70 |
| 24/ 23 | | 2.8 | .8 | | | | | | | | | | | | | | | 27 | 27 | 53 | 50 |
| 22/ 21 | .5 | 1.7 | .3 | | | | | | | | | | | | | | | 19 | 19 | 37 | 61 |
| 20/ 19 | .8 | 1.1 | .3 | | | | | | | | | | | | | | | 16 | 16 | 23 | 72 |
| 18/ 17 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 51 |
| 16/ 15 | .1 | .5 | | | | | | | | | | | | | | | | 5 | 5 | 4 | 47 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 4 | 23 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 14 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 15 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 7 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.8 | 34.3 | 23.8 | 19.2 | 8.6 | 5.5 | 1.6 | .9 | .1 | .1 | | | | | | | | 744 | 744 | 744 | 744 |

| 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. | 3769154 | 51430 | 69.1 | 16.971 | 744 | | | | | | | |
| Dry Bulb | 979219 | 26279 | 35.3 | 8.286 | 744 | | 37.4 | | | | | 93 |
| Wet Bulb | 769983 | 23381 | 31.4 | 6.884 | 744 | | 51.8 | | | | | 93 |
| Dew Point | 527201 | 18865 | 25.4 | 8.109 | 744 | | 76.0 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JAN (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 | | | | |
| 70/ 69 | | | | | | | | | | | .1 | .1 | | | | | | 2 | 2 | | |
| 68/ 67 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 66/ 63 | | | | | | .1 | | | .1 | | | | | | | | | 2 | 2 | | |
| 62/ 61 | | | | | | | .1 | .1 | .4 | | | | | | | | | 5 | 5 | | |
| 60/ 59 | | | | | | .1 | .1 | .6 | .3 | | | | | | | | | 10 | 10 | | |
| 58/ 57 | | | | | .1 | .1 | .3 | 1.1 | .1 | .3 | .1 | | | | | | | 16 | 16 | | |
| 56/ 55 | | | | .1 | .3 | .7 | .9 | .7 | 1.2 | | | | | | | | | 29 | 29 | | |
| 54/ 53 | | | | .3 | .5 | 1.5 | 2.8 | .8 | .3 | | | | | | | | | 46 | 46 | 1 | |
| 52/ 51 | | .1 | .3 | .8 | 1.3 | 2.4 | 1.5 | .7 | .1 | | | | | | | | | 54 | 54 | 1 | |
| 50/ 49 | | .4 | .5 | .7 | 2.2 | 2.4 | 2.0 | .7 | | | | | | | | | | 66 | 66 | 10 | 1 |
| 48/ 47 | .1 | .4 | .8 | 1.5 | 1.1 | 2.0 | 1.3 | .3 | | | | | | | | | | 56 | 56 | 21 | 3 |
| 46/ 45 | | .4 | .8 | 1.9 | 3.2 | 2.0 | 1.3 | .3 | | | | | | | | | | 74 | 74 | 35 | 7 |
| 44/ 43 | | .5 | .5 | 2.0 | 2.2 | 1.3 | .8 | | | | | | | | | | | 55 | 55 | 61 | 14 |
| 42/ 41 | | .7 | 1.3 | 1.6 | 2.8 | 1.6 | .3 | | | | | | | | | | | 62 | 62 | 78 | 10 |
| 40/ 39 | .1 | 1.2 | 1.9 | 1.9 | 1.5 | 1.2 | | | | | | | | | | | | 58 | 58 | 83 | 15 |
| 38/ 37 | .1 | 1.1 | 3.0 | 2.7 | 1.7 | .9 | | | | | | | | | | | | 71 | 71 | 101 | 27 |
| 36/ 35 | .3 | 1.5 | 1.5 | 1.7 | 1.9 | | | | | | | | | | | | | 51 | 51 | 74 | 42 |
| 34/ 33 | .4 | .9 | 1.1 | 1.7 | .7 | | | | | | | | | | | | | 36 | 36 | 97 | 56 |
| 32/ 31 | .1 | .7 | 1.1 | .9 | .1 | .3 | | | | | | | | | | | | 24 | 24 | 59 | 89 |
| 30/ 29 | .1 | .5 | .6 | | .1 | | | | | | | | | | | | | 12 | 12 | 55 | 66 |
| 28/ 27 | .3 | .4 | .4 | | | | | | | | | | | | | | | 8 | 8 | 37 | 77 |
| 26/ 25 | | | .7 | | | | | | | | | | | | | | | 5 | 5 | 21 | 66 |
| 24/ 23 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 4 | 52 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 5 | 50 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 48 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 42 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 23 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 32 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 14 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 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 | 1.6 | 8.9 | 14.7 | 18.0 | 19.8 | 16.8 | 11.6 | 5.4 | 2.6 | .4 | .3 | .1 | | | | | | 744 | 744 | 744 | 744 |

| 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. | 2403737 | 40119 | 53.9 | 17.987 | 744 | | | | | | | |
| Dry Bulb | 1485171 | 32715 | 44.0 | 7.922 | 744 | | 6.3 | .4 | | | | 93 |
| Wet Bulb | 1926006 | 27270 | 36.7 | 5.919 | 744 | | 22.8 | | | | | 93 |
| Dew Point | 587583 | 20035 | 26.9 | 8.043 | 744 | | 71.1 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-85 YEARS | JAN MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 76/ 75 | | | | | | | | | | | | .4 | | | | | | 3 | 3 | | |
| 72/ 71 | | | | | | | | | | | .3 | .1 | .4 | | | | | 6 | 6 | | |
| 70/ 69 | | | | | | | | | | .1 | .1 | .3 | .1 | | | | | 5 | 5 | | |
| 68/ 67 | | | | | | | | .3 | | .4 | .7 | .3 | | | | | | 12 | 12 | | |
| 66/ 65 | | | | | | | | .1 | .1 | .8 | .9 | .1 | | | | | | 16 | 16 | | |
| 64/ 63 | | | | | | | .5 | | 1.3 | .3 | .7 | .3 | | | | | | 23 | 23 | | |
| 62/ 61 | | | | .1 | .1 | | .4 | 1.3 | .8 | 1.6 | 1.1 | | | | | | | 41 | 41 | | |
| 60/ 59 | | | | .1 | | .3 | 1.2 | 3.4 | 2.0 | 1.2 | | | | | | | | 61 | 61 | | |
| 58/ 57 | | | | .1 | .5 | .5 | 1.2 | 3.1 | 1.7 | .8 | | | | | | | | 58 | 58 | | |
| 56/ 55 | | .1 | | .3 | .3 | 1.3 | 2.7 | 3.5 | 1.9 | .4 | | | | | | | | 78 | 78 | 2 | |
| 54/ 53 | | | | .4 | .7 | 2.2 | 2.2 | 3.5 | 1.7 | | | | | | | | | 79 | 79 | 8 | |
| 52/ 51 | | .3 | .5 | .7 | 1.1 | 1.3 | 2.2 | 2.0 | .8 | | | | | | | | | 66 | 66 | 11 | 3 |
| 50/ 49 | .1 | .4 | .3 | | 1.2 | 1.3 | 1.6 | 1.2 | .1 | | | | | | | | | 47 | 47 | 31 | 3 |
| 48/ 47 | | | .1 | .7 | .7 | 2.0 | 2.2 | 1.1 | .3 | | | | | | | | | 52 | 52 | 66 | 3 |
| 46/ 45 | | .1 | .3 | .9 | 2.2 | 1.5 | 1.1 | 1.2 | | | | | | | | | | 54 | 54 | 74 | 7 |
| 44/ 43 | | .1 | .7 | 1.2 | 1.1 | 1.2 | .7 | .3 | | | | | | | | | | 39 | 39 | 104 | 10 |
| 42/ 41 | | .1 | .5 | .5 | 1.1 | 2.0 | .3 | | | | | | | | | | | 34 | 34 | 100 | 12 |
| 40/ 39 | .3 | .3 | .8 | .7 | .7 | .8 | | | | | | | | | | | | 26 | 26 | 89 | 17 |
| 38/ 37 | .4 | .1 | .3 | .5 | | .5 | | | | | | | | | | | | 14 | 14 | 90 | 22 |
| 36/ 35 | | .4 | .1 | .5 | | | | | | | | | | | | | | 8 | 8 | 64 | 53 |
| 34/ 33 | | .8 | .3 | .1 | .1 | .4 | | | | | | | | | | | | 13 | 13 | 46 | 51 |
| 32/ 31 | .1 | .1 | | .4 | | | | | | | | | | | | | | 5 | 5 | 45 | 69 |
| 30/ 29 | .1 | | .1 | | | | | | | | | | | | | | | 2 | 2 | 13 | 69 |
| 28/ 27 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 1 | 68 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 5 | 73 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 4 | 42 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 51 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 62 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 33 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 34 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 26 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 19 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 7 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) FIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JAN (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 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| // 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.1 | 3.0 | 4.0 | 7.5 | 9.4 | 15.5 | 16.2 | 21.9 | 10.9 | 5.7 | 3.8 | 1.5 | .5 | | | | | | 743 | | 743 |
| | | | | | | | | | | | | | | | | | | 743 | | 743 | |

| 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. | 1433304 | 30028 | 40.4 | 17.209 | 743 | | | | | | | |
| Dry Bulb | 2060310 | 38632 | 52.0 | 8.344 | 743 | | 1.0 | 3.3 | .4 | | | 23 |
| Wet Bulb | 1251616 | 30206 | 40.7 | 5.642 | 743 | | 8.5 | | | | | 93 |
| Dew Point | 580421 | 19777 | 26.6 | 8.531 | 743 | .3 | 70.3 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2641

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JAN 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 |
| 76/ 75 | | | | | | | | | | | | .1 | | .1 | | | | 2 | 2 | | |
| 74/ 73 | | | | | | | | | | | .3 | .1 | .3 | | | | | 5 | 5 | | |
| 72/ 71 | | | | | | | | | | | | .4 | .5 | | | | | 7 | 7 | | |
| 70/ 69 | | | | | | | | | .3 | | .4 | 1.2 | .1 | | | | | 15 | 15 | | |
| 68/ 67 | | | | | | | | | .5 | .1 | .7 | .4 | .1 | | | | | 14 | 14 | | |
| 66/ 65 | | | | | | | .4 | .1 | .4 | .8 | 1.2 | 1.3 | | | | | | 32 | 32 | | |
| 64/ 63 | | | | | .1 | .1 | .1 | .5 | 1.2 | 1.2 | 1.2 | .3 | | | | | | 36 | 36 | | |
| 62/ 61 | | | | | | .1 | .5 | 1.1 | 2.0 | 2.4 | 1.7 | .3 | | | | | | 61 | 61 | | |
| 60/ 59 | | | | | | .5 | 1.2 | 3.1 | 3.6 | 2.4 | .1 | | | | | | | 82 | 82 | | |
| 58/ 57 | | | | .1 | | .4 | 1.6 | 2.3 | 1.5 | 2.7 | | | | | | | | 64 | 64 | | |
| 56/ 55 | | | | | | 1.2 | 1.5 | 2.0 | 1.9 | 1.2 | | | | | | | | 58 | 58 | 1 | |
| 54/ 53 | | .1 | .4 | .5 | .5 | 2.0 | 1.2 | 2.7 | 1.2 | .4 | | | | | | | | 68 | 68 | 10 | |
| 52/ 51 | | .1 | .7 | .3 | 1.1 | 1.2 | 3.0 | 1.6 | .8 | | | | | | | | | 65 | 65 | 11 | 2 |
| 50/ 49 | | .3 | .3 | .4 | .7 | .5 | 1.5 | 2.0 | .5 | | | | | | | | | 46 | 46 | 40 | 3 |
| 48/ 47 | | | .3 | .3 | .4 | 1.1 | 2.2 | .7 | .1 | | | | | | | | | 37 | 37 | 72 | 4 |
| 46/ 45 | | .1 | .3 | .7 | 1.1 | 2.6 | 1.5 | 1.1 | | | | | | | | | | 54 | 54 | 92 | 7 |
| 44/ 43 | | .4 | .4 | .7 | 1.7 | .9 | .3 | .3 | | | | | | | | | | 35 | 35 | 121 | 10 |
| 42/ 41 | | | .4 | .1 | .5 | .1 | .5 | | | | | | | | | | | 13 | 13 | 94 | 14 |
| 40/ 39 | .1 | .7 | .4 | .9 | .3 | .1 | | | | | | | | | | | | 19 | 19 | 91 | 15 |
| 38/ 37 | | | | .5 | | | | | | | | | | | | | | 4 | 4 | 69 | 27 |
| 36/ 35 | | .5 | .5 | .3 | .5 | | | | | | | | | | | | | 14 | 14 | 63 | 34 |
| 34/ 33 | | .3 | | .1 | .3 | | .3 | | | | | | | | | | | 7 | 7 | 41 | 60 |
| 32/ 31 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 18 | 48 |
| 30/ 29 | .3 | | | .1 | | | | | | | | | | | | | | 3 | 3 | 11 | 54 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 5 | 64 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 87 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 3 | 44 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 62 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 74 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 34 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 30 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 18 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 25 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 16 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2'L44 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JAN (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 |
| ≥ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| 6 / 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 3 |
| -2 / -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4 / -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | 2.8 | 3.6 | 5.1 | 7.3 | 11.0 | 15.7 | 17.5 | 14.1 | 11.3 | 5.7 | 4.2 | 1.1 | .1 | | | | 743 | 743 | 743 | 743 |

| 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. | 1231074 | 27376 | 36.8 | 17.313 | 743 | | | | | | | |
| Dry Bulb | 2234881 | 40259 | 54.2 | 8.489 | 743 | | .6 | 5.4 | .9 | | | 93 |
| Wet Bulb | 1302693 | 30849 | 41.5 | 5.426 | 743 | | 4.8 | | | | | 93 |
| Dew Point | 557228 | 19284 | 26.0 | 8.744 | 743 | .3 | 71.0 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPECIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 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 |
| 77/ 69 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 68/ 65 | | | | | | | | | .1 | .5 | .5 | .1 | | | | | | 10 | 10 | | |
| 64/ 63 | | | | | | | .1 | .4 | | .4 | | | | | | | | 7 | 7 | | |
| 62/ 61 | | | | | .1 | | .1 | .1 | .4 | .4 | .3 | .1 | | | | | | 12 | 12 | | |
| 60/ 59 | | | | | | .4 | .5 | .4 | .3 | .3 | .3 | | | | | | | 20 | 20 | | |
| 58/ 57 | | | | .4 | | .5 | .9 | 2.0 | .4 | .4 | | | | | | | | 35 | 35 | | |
| 56/ 55 | | | .3 | .4 | .4 | .3 | 1.5 | 2.0 | .5 | .5 | | | | | | | | 44 | 44 | | |
| 54/ 53 | | .3 | .1 | .3 | .7 | 1.1 | 1.6 | 1.6 | .9 | .1 | | | | | | | | 50 | 50 | 1 | |
| 52/ 51 | | .1 | .1 | .3 | .5 | 1.9 | 1.9 | 2.2 | .5 | .1 | | | | | | | | 60 | 60 | 10 | |
| 50/ 49 | | .5 | .5 | 1.5 | 2.6 | 1.3 | 2.3 | 1.2 | .1 | | | | | | | | | 76 | 76 | 16 | 2 |
| 48/ 47 | .1 | .5 | .4 | .7 | 1.2 | 2.6 | 2.6 | 1.1 | .1 | | | | | | | | | 69 | 69 | 23 | 13 |
| 46/ 45 | | .5 | .5 | 2.3 | 1.2 | 2.2 | 1.9 | .3 | | | | | | | | | | 66 | 66 | 53 | 5 |
| 44/ 43 | | .8 | .5 | .9 | 3.2 | 1.5 | 1.1 | .1 | | | | | | | | | | 61 | 61 | 68 | 10 |
| 42/ 41 | | .3 | 1.1 | 1.2 | 3.1 | 1.3 | .1 | | | | | | | | | | | 53 | 53 | 83 | 16 |
| 40/ 39 | | .8 | 1.5 | 2.4 | 2.6 | 1.6 | | | | | | | | | | | | 66 | 66 | 81 | 20 |
| 38/ 37 | | .4 | 1.2 | 1.7 | 1.1 | .7 | | | | | | | | | | | | 38 | 38 | 95 | 28 |
| 36/ 35 | | .4 | 1.5 | 1.2 | .5 | .4 | | | | | | | | | | | | 30 | 30 | 94 | 36 |
| 34/ 33 | .1 | .1 | .5 | 1.2 | .8 | | | | | | | | | | | | | 21 | 21 | 90 | 49 |
| 32/ 31 | | .4 | .9 | .1 | .3 | | | | | | | | | | | | | 13 | 13 | 61 | 59 |
| 30/ 29 | .4 | .1 | .3 | .1 | | | | | | | | | | | | | | 7 | 7 | 33 | 57 |
| 28/ 27 | .1 | | | .3 | | | | | | | | | | | | | | 3 | 3 | 19 | 78 |
| 26/ 25 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 11 | 74 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 41 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 4 | 68 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 61 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 46 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 30 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 18 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 17 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 15 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 6 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .8 | 5.4 | 9.7 | 15.2 | 18.7 | 15.9 | 14.7 | 11.4 | 4.0 | 3.0 | 1.1 | .3 | | | | | | 744 | 744 | 744 | 744 |

| 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. | 1973302 | 35868 | 48.2 | 18.126 | 744 | | | | | | | |
| Dry Bulb | 1670261 | 34753 | 46.7 | 7.946 | 744 | | 3.1 | .1 | | | | 93 |
| Wet Bulb | 1096230 | 28228 | 37.9 | 5.824 | 744 | | 16.3 | | | | | 93 |
| Dew Point | 572951 | 19627 | 26.4 | 8.618 | 744 | | 71.6 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JAN (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 |
| 66/ 65 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 62/ 61 | | | | | | | .3 | .1 | .3 | .1 | .1 | | | | | | | 7 | 7 | | |
| 60/ 59 | | | | | | .1 | .4 | .3 | | .4 | | | | | | | | 9 | 9 | | |
| 58/ 57 | | | | | .3 | .4 | .5 | .1 | .3 | .1 | | | | | | | | 13 | 13 | | |
| 56/ 55 | | | | .3 | .3 | .3 | .9 | .7 | .3 | | | | | | | | | 20 | 20 | | |
| 54/ 53 | | | .3 | .3 | .1 | .8 | 1.6 | .3 | .5 | | | | | | | | | 29 | 29 | | |
| 52/ 51 | | .7 | | .5 | .9 | .7 | 1.1 | .3 | | | | | | | | | | 30 | 30 | 3 | 1 |
| 50/ 49 | | .4 | .7 | 1.1 | 1.5 | 1.7 | .7 | 1.1 | .1 | | | | | | | | | 54 | 54 | 13 | 1 |
| 48/ 47 | .4 | .9 | 1.2 | .9 | 1.3 | .8 | .9 | .3 | | | | | | | | | | 51 | 51 | 21 | 10 |
| 46/ 45 | | .7 | 1.1 | 1.5 | 1.6 | .8 | .4 | .4 | | | | | | | | | | 48 | 48 | 27 | 10 |
| 44/ 43 | .1 | 1.1 | .9 | 1.6 | 1.7 | 1.6 | .8 | | | | | | | | | | | 59 | 59 | 50 | 10 |
| 42/ 41 | | .7 | 1.6 | 2.0 | 2.2 | 1.6 | .3 | | | | | | | | | | | 62 | 62 | 64 | 18 |
| 40/ 39 | | .5 | 1.9 | 3.4 | 3.2 | .5 | .1 | | | | | | | | | | | 72 | 72 | 63 | 27 |
| 38/ 37 | .1 | .7 | 2.8 | 3.2 | 1.7 | .1 | | | | | | | | | | | | 65 | 65 | 55 | 15 |
| 36/ 35 | | 1.1 | 3.6 | 3.0 | 1.3 | .5 | | | | | | | | | | | | 71 | 71 | 78 | 38 |
| 34/ 33 | | 2.3 | 1.7 | 2.0 | .4 | | | | | | | | | | | | | 48 | 48 | 96 | 38 |
| 32/ 31 | | 2.0 | 2.6 | 1.7 | .7 | | | | | | | | | | | | | 54 | 54 | 97 | 53 |
| 30/ 29 | .3 | .8 | 1.2 | .9 | | | | | | | | | | | | | | 24 | 24 | 61 | 73 |
| 28/ 27 | | .5 | 1.1 | .3 | | | | | | | | | | | | | | 14 | 14 | 60 | 87 |
| 26/ 25 | | .5 | .4 | | | | | | | | | | | | | | | 7 | 7 | 32 | 59 |
| 24/ 23 | | .1 | .4 | | | | | | | | | | | | | | | 4 | 4 | 15 | 44 |
| 22/ 21 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 5 | 73 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 2 | 55 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 1 | 51 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 38 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 14 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 14 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 10 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | 13.2 | 21.9 | 22.7 | 17.2 | 10.1 | 3.1 | 3.5 | 1.5 | .8 | .1 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 744 | 744 | 744 | 744 |

| 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. | 2745528 | 43224 | 58.1 | 17.760 | 744 | | | | | | | |
| Dry Bulb | 1335931 | 30937 | 41.6 | 8.163 | 744 | | 13.1 | | | | | 93 |
| Wet Bulb | 959765 | 26289 | 35.3 | 6.444 | 744 | | 34.0 | | | | | 93 |
| Dew Point | 581713 | 19832 | 26.7 | 8.452 | 744 | | 72.0 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | EIGGS AAF TX (EL PASO) STATION NAME | 73-80 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 | | | | |
| 76/ 75 | | | | | | | | | | | | .1 | | .0 | | | | 5 | 5 | | |
| 74/ 73 | | | | | | | | | | | .3 | .9 | .0 | | | | | 5 | 5 | | |
| 72/ 71 | | | | | | | | | | | .0 | .1 | .1 | | | | | 13 | 13 | | |
| 7 / 69 | | | | | | | | | .0 | .0 | .1 | .2 | .0 | | | | | 23 | 23 | | |
| 68/ 67 | | | | | | | | .3 | .1 | .1 | .2 | .1 | .0 | | | | | 27 | 27 | | |
| 66/ 65 | | | | | | | .1 | .0 | .1 | .3 | .3 | .2 | | | | | | 59 | 59 | | |
| 64/ 63 | | | | | | .0 | .0 | .1 | .1 | .3 | .2 | .2 | .1 | | | | | 68 | 68 | | |
| 62/ 61 | | | | | .0 | .0 | .0 | .2 | .4 | .5 | .6 | .4 | .1 | | | | | 126 | 126 | | |
| 60/ 59 | | | | | .0 | .0 | .2 | .5 | 1.0 | .8 | .6 | .1 | | | | | | 188 | 188 | | |
| 58/ 57 | | | | | .1 | .1 | .3 | .6 | 1.1 | .5 | .5 | .0 | | | | | | 190 | 190 | | |
| 56/ 55 | | | .0 | .0 | .2 | .2 | .6 | 1.0 | 1.1 | .7 | .3 | | | | | | | 247 | 247 | 3 | |
| 54/ 53 | | | .1 | .1 | .2 | .4 | 1.1 | 1.3 | 1.1 | .6 | .1 | | | | | | | 301 | 301 | 20 | |
| 52/ 51 | | | .2 | .2 | .4 | .9 | 1.4 | 1.4 | .9 | .3 | .0 | | | | | | | 338 | 338 | 39 | 6 |
| 50/ 49 | | .1 | .3 | .4 | .7 | 1.3 | 1.3 | 1.2 | .9 | .1 | | | | | | | | 384 | 384 | 117 | 17 |
| 48/ 47 | | .3 | .5 | .7 | .9 | 1.0 | 1.4 | 1.5 | .5 | .1 | | | | | | | | 403 | 403 | 235 | 46 |
| 46/ 45 | | .1 | .5 | .6 | 1.2 | 1.5 | 1.4 | .8 | .4 | | | | | | | | | 393 | 393 | 338 | 55 |
| 44/ 43 | | .1 | .8 | .7 | 1.5 | 1.7 | 1.1 | .6 | .1 | | | | | | | | | 394 | 394 | 487 | 87 |
| 42/ 41 | | .0 | .6 | 1.2 | 1.4 | 1.7 | 1.0 | .2 | | | | | | | | | | 361 | 361 | 550 | 114 |
| 40/ 39 | | .1 | .9 | 1.6 | 1.8 | 1.4 | .8 | .0 | | | | | | | | | | 398 | 398 | 546 | 135 |
| 38/ 37 | | .1 | .7 | 1.9 | 1.8 | 1.1 | .4 | | | | | | | | | | | 360 | 360 | 580 | 171 |
| 36/ 35 | | .2 | 1.5 | 2.1 | 1.6 | .9 | .2 | | | | | | | | | | | 384 | 384 | 555 | 295 |
| 34/ 33 | | .2 | 1.7 | 1.6 | 1.5 | .4 | .1 | .0 | | | | | | | | | | 323 | 323 | 623 | 364 |
| 32/ 31 | | .2 | 2.1 | 1.8 | 1.2 | .2 | .0 | | | | | | | | | | | 330 | 330 | 489 | 524 |
| 30/ 29 | | .4 | 1.2 | 1.5 | .6 | .2 | | | | | | | | | | | | 217 | 217 | 444 | 537 |
| 28/ 27 | | .1 | 1.3 | .7 | .2 | | | | | | | | | | | | | 138 | 138 | 334 | 554 |
| 26/ 25 | | .1 | 1.0 | .6 | .1 | | | | | | | | | | | | | 104 | 104 | 246 | 573 |
| 24/ 23 | | .1 | 1.0 | .3 | .0 | | | | | | | | | | | | | 80 | 80 | 153 | 383 |
| 22/ 21 | | .1 | .8 | .1 | | | | | | | | | | | | | | 46 | 46 | 107 | 477 |
| 20/ 19 | | .1 | .4 | .1 | | | | | | | | | | | | | | 33 | 33 | 53 | 525 |
| 18/ 17 | | .1 | .0 | .0 | | | | | | | | | | | | | | 6 | 6 | 20 | 364 |
| 16/ 15 | | .0 | .1 | | | | | | | | | | | | | | | 5 | 5 | 6 | 273 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 4 | 178 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 121 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 86 |

| 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 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JAN MONTH

 ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| ≥ 7 | | | | | | | | | | | | | | | | | | | | | 38 |
| 6 / 5 | | | | | | | | | | | | | | | | | | | | | 11 |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 8 |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0 / -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -2 / -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4 / -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.2 | 15.2 | 16.3 | 15.6 | 12.9 | 11.4 | 9.5 | 7.7 | 4.2 | 2.7 | 1.4 | .8 | .2 | .0 | | | | | 5949 | | 5949 |
| | | | | | | | | | | | | | | | | | | 5949 | | 5949 | |

| 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. | 20448320 | 325938 | 54.8 | 20.679 | 5949 | | | | | | | |
| Dry Bulb | 11945470 | 259102 | 43.6 | 10.538 | 5949 | | 119.9 | 9.1 | 1.3 | | | 744 |
| Wet Bulb | 8073900 | 214962 | 36.1 | 7.178 | 5949 | | 232.1 | | | | | 744 |
| Dew Point | 4510210 | 156032 | 26.2 | 8.381 | 5949 | .5 | 582.7 | | | | | 744 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) | JIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | FEB (MONTH)

PAGE 1 | 0000-0200 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13 14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 68/ 65 | | | | | | | | | | .3 | .1 | .1 | | | | | | 4 | 4 | | | |
| 64/ 63 | | | | | | | | | .1 | | .1 | | | | | | | 2 | 2 | | | |
| 62/ 61 | | | | | .1 | | .1 | .4 | .1 | | | | | | | | | 6 | 6 | | | |
| 60/ 59 | | | | .3 | | | | .3 | .3 | 1.6 | .1 | | | | | | | 18 | 18 | | | |
| 58/ 57 | | | | | | .3 | | .7 | .4 | .7 | .1 | | | | | | | 16 | 16 | | | |
| 56/ 55 | | | .1 | .4 | .1 | | .4 | .9 | .6 | .4 | | | | | | | | 21 | 21 | | | |
| 54/ 53 | | .4 | .4 | .4 | .6 | .4 | 1.2 | .4 | .9 | .6 | | | | | | | | 37 | 37 | 3 | | |
| 52/ 51 | | .4 | | .3 | 1.0 | .9 | .7 | .9 | .3 | .1 | | | | | | | | 32 | 32 | 8 | 1 | |
| 50/ 49 | | .4 | .1 | .3 | 1.5 | 1.3 | .7 | .9 | .1 | | | | | | | | | 37 | 37 | 10 | 8 | |
| 48/ 47 | .1 | 1.3 | .7 | .6 | 1.9 | .4 | 1.9 | | | | | | | | | | | 48 | 48 | 16 | 7 | |
| 46/ 45 | .3 | | .7 | .7 | 1.2 | 1.6 | .9 | .4 | | | | | | | | | | 40 | 40 | 23 | 12 | |
| 44/ 43 | .1 | | 1.2 | 1.5 | 2.8 | .9 | .7 | | | | | | | | | | | 49 | 49 | 32 | 8 | |
| 42/ 41 | | 1.5 | 1.9 | 1.6 | 1.2 | 1.0 | .7 | .1 | | | | | | | | | | 59 | 59 | 59 | 2 | |
| 40/ 39 | | 2.1 | 1.6 | 1.5 | 1.3 | .9 | .6 | .1 | | | | | | | | | | 55 | 55 | 61 | 16 | |
| 38/ 37 | | 1.5 | 1.6 | .9 | 1.5 | 1.0 | .6 | | | | | | | | | | | 48 | 48 | 79 | 25 | |
| 36/ 35 | .7 | 2.1 | 1.8 | 1.8 | 1.3 | 1.2 | | | | | | | | | | | | 60 | 60 | 87 | 34 | |
| 34/ 33 | .1 | 1.8 | 1.5 | 1.9 | 1.3 | .4 | .3 | | | | | | | | | | | 50 | 50 | 55 | 41 | |
| 32/ 31 | | 1.0 | 1.5 | 1.8 | 1.2 | .1 | | | | | | | | | | | | 38 | 38 | 59 | 56 | |
| 30/ 29 | | .3 | .9 | .9 | .9 | .1 | | | | | | | | | | | | 21 | 21 | 44 | 51 | |
| 28/ 27 | .1 | .9 | .6 | .9 | | | | | | | | | | | | | | 17 | 17 | 51 | 41 | |
| 26/ 25 | | .3 | .6 | .4 | .4 | | | | | | | | | | | | | 12 | 12 | 39 | 40 | |
| 24/ 23 | | .4 | | .1 | .1 | | | | | | | | | | | | | 5 | 5 | 25 | 53 | |
| 22/ 21 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 15 | 38 | |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 7 | 45 | |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 40 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 3 | 44 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 20 | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 17 | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 25 | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 13 | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 8 | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 6 | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 7 | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 7 | |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF IX (EL PASO) (STATION NAME) 73-80 (YEARS) FEB (MONTH)

PAGE 2 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 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 4 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 7 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.6 | 14.5 | 15.6 | 16.5 | 19.2 | 12.8 | 9.0 | 5.3 | 2.9 | 3.8 | .6 | .1 | | | | | | | 678 | | 678 | 676 |
| | | | | | | | | | | | | | | | | | | 678 | | 678 | | |

| 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. | 2264494 | 36316 | 53.6 | 21.717 | 678 | | | | | | | |
| Dry Bulb | 1258043 | 28557 | 42.1 | 9.033 | 678 | | 11.9 | | | | | 84 |
| Wet Bulb | 864389 | 23713 | 35.0 | 7.193 | 678 | | 30.4 | | | | | 84 |
| Dew Point | 483086 | 16456 | 24.3 | 11.1.7 | 678 | 2.5 | 64.9 | | | | | 84 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | FEB MONTH

 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 |
| 66/ 65 | | | | | | | | | | .3 | | | | | | | | 2 | 2 | | |
| 64/ 63 | | | | | | | | | | .1 | | .1 | .1 | | | | | 3 | 3 | | |
| 62/ 61 | | | | | | | | .1 | | | .1 | .3 | | | | | | 4 | 4 | | |
| 60/ 59 | | | | .1 | .1 | | .4 | .1 | .1 | | .1 | | | | | | | 8 | 8 | | |
| 58/ 57 | | | | .1 | .1 | | .4 | .1 | .3 | .1 | | | | | | | | 9 | 9 | | |
| 56/ 55 | | | | .3 | | .3 | | .4 | .6 | .3 | | | | | | | | 13 | 13 | | |
| 54/ 53 | | | .1 | .3 | .3 | .4 | .3 | .6 | .4 | .1 | | | | | | | | 18 | 18 | 1 | |
| 52/ 51 | | .7 | .1 | .3 | .4 | .1 | .4 | 1.6 | .1 | | | | | | | | | 27 | 27 | 5 | |
| 50/ 49 | .3 | .1 | | .6 | 1.0 | 1.2 | 1.0 | .4 | .6 | | | | | | | | | 36 | 36 | 9 | 6 |
| 48/ 47 | .1 | 1.2 | .6 | .4 | 1.0 | 1.2 | .7 | .6 | | | | | | | | | | 40 | 40 | 13 | 7 |
| 46/ 45 | .4 | .4 | | 1.0 | 1.3 | 1.0 | .4 | .4 | | | | | | | | | | 35 | 35 | 23 | 12 |
| 44/ 43 | | .1 | .4 | 1.6 | 1.0 | 1.0 | .3 | .1 | | | | | | | | | | 32 | 32 | 18 | 9 |
| 42/ 41 | | 1.8 | 1.3 | 1.3 | 1.8 | .3 | .4 | | | | | | | | | | | 47 | 47 | 33 | |
| 40/ 39 | | 1.5 | 2.8 | 2.1 | 3.0 | .1 | .4 | | | | | | | | | | | 67 | 67 | 56 | 9 |
| 38/ 37 | .4 | 1.3 | 2.2 | 1.0 | 1.3 | .9 | .1 | | | | | | | | | | | 50 | 50 | 67 | 30 |
| 36/ 35 | .3 | 1.8 | 1.6 | 1.8 | 2.1 | 1.3 | | | | | | | | | | | | 60 | 60 | 69 | 20 |
| 34/ 33 | .1 | 3.7 | 1.9 | 1.0 | .9 | .1 | .1 | | | | | | | | | | | 54 | 54 | 73 | 40 |
| 32/ 31 | .1 | 1.8 | 2.5 | 1.6 | .7 | .7 | .3 | | | | | | | | | | | 53 | 53 | 63 | 60 |
| 30/ 29 | .1 | 1.5 | 1.6 | .7 | .7 | .4 | | | | | | | | | | | | 35 | 35 | 53 | 48 |
| 28/ 27 | | 1.3 | 1.6 | .6 | .3 | | | | | | | | | | | | | 26 | 26 | 61 | 39 |
| 26/ 25 | | .7 | 1.3 | 1.0 | .3 | | | | | | | | | | | | | 23 | 23 | 40 | 47 |
| 24/ 23 | .1 | .7 | 1.0 | .9 | | | | | | | | | | | | | | 19 | 19 | 31 | 61 |
| 22/ 21 | .6 | .1 | .1 | .4 | .1 | | | | | | | | | | | | | 10 | 10 | 30 | 42 |
| 20/ 19 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 17 | 44 |
| 18/ 17 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | 6 | 56 |
| 16/ 15 | | | .4 | | | | | | | | | | | | | | | 3 | 3 | 4 | 31 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 2 | 16 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 3 | 21 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 12 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 19 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 13 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 13 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 9 |

| 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 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 3 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 6 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 3 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.0 | 18.9 | 20.2 | 17.4 | 16.7 | 9.3 | 5.6 | 4.7 | 2.2 | 1.0 | .3 | .4 | .1 | | | | | 677 | 677 | | 677 |
| | | | | | | | | | | | | | | | | | | 677 | | 677 | |

| 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. | 2594621 | 39268 | 58.0 | 21.665 | 677 | | | | | | | |
| Dry Bulb | 1094132 | 26470 | 39.1 | 9.357 | 677 | | 21.3 | | | | | 84 |
| Wet Bulb | 779104 | 22386 | 33.1 | 7.584 | 677 | | 36.5 | | | | | 84 |
| Dew Point | 460997 | 15979 | 23.6 | 11.137 | 677 | 3.0 | 67.5 | | | | | 84 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | FEB MONTH

PAGE 1 | 0600-0900 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 |
| 67/ 63 | | | | | | | | | | .1 | | .1 | | | | | | 2 | 2 | | |
| 62/ 61 | | | | | | | | | .1 | | .3 | .1 | | | | | | 4 | 4 | | |
| 61/ 59 | | | | | | .1 | .4 | .3 | | | | | | | | | | 6 | 6 | | |
| 58/ 57 | | | | | | | .1 | .1 | .1 | | .1 | | | | | | | 4 | 4 | | |
| 56/ 55 | | | .1 | .1 | | | .1 | .4 | .7 | | | | | | | | | 11 | 11 | | |
| 54/ 53 | | .4 | .3 | .1 | .1 | | .4 | .1 | | .1 | | | | | | | | 12 | 12 | | |
| 52/ 51 | | .6 | .3 | .4 | .4 | 1.0 | .6 | .6 | .1 | | | | | | | | | 28 | 28 | 6 | |
| 50/ 49 | | .4 | .4 | .4 | .4 | .9 | .6 | 1.0 | .1 | | | | | | | | | 30 | 30 | 7 | 7 |
| 48/ 47 | .5 | .4 | .4 | .7 | .9 | 1.8 | 1.0 | .1 | .1 | | | | | | | | | 40 | 40 | 15 | 8 |
| 46/ 45 | .6 | .5 | 1.2 | .9 | .6 | 1.2 | 1.0 | .4 | | | | | | | | | | 45 | 45 | 20 | 12 |
| 44/ 43 | | .1 | .7 | 1.2 | 1.0 | 1.2 | .4 | .1 | | | | | | | | | | 33 | 33 | 12 | 6 |
| 42/ 41 | | 1.0 | .9 | 2.1 | 1.3 | 1.2 | .7 | .3 | | | | | | | | | | 49 | 49 | 34 | 10 |
| 40/ 39 | | 2.2 | 1.9 | 1.9 | 1.3 | .6 | .4 | | | | | | | | | | | 57 | 57 | 49 | 10 |
| 38/ 37 | .9 | .7 | 3.3 | 1.3 | 1.2 | 1.0 | | | | | | | | | | | | 57 | 57 | 61 | 23 |
| 36/ 35 | 1.3 | 1.6 | 1.8 | 1.5 | .9 | .6 | .1 | | | | | | | | | | | 53 | 53 | 73 | 33 |
| 34/ 33 | .6 | 2.2 | 1.3 | 2.1 | .4 | .7 | | | | | | | | | | | | 50 | 50 | 75 | 27 |
| 32/ 31 | .4 | 3.4 | 2.4 | 1.9 | .7 | .7 | | | | | | | | | | | | 65 | 65 | 66 | 63 |
| 30/ 29 | .1 | 2.2 | 2.1 | 1.5 | .3 | .1 | | | | | | | | | | | | 43 | 43 | 55 | 41 |
| 28/ 27 | | 2.4 | 1.3 | .3 | .9 | .1 | | | | | | | | | | | | 34 | 34 | 58 | 45 |
| 26/ 25 | | .7 | 1.3 | .3 | .3 | | | | | | | | | | | | | 18 | 18 | 53 | 51 |
| 24/ 23 | | .6 | .6 | .9 | | | | | | | | | | | | | | 14 | 14 | 26 | 45 |
| 22/ 21 | | .6 | .3 | .3 | | | | | | | | | | | | | | 8 | 8 | 25 | 47 |
| 20/ 19 | .7 | | .4 | .4 | | | | | | | | | | | | | | 11 | 11 | 18 | 45 |
| 18/ 17 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | 9 | 51 |
| 16/ 15 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 5 | 30 |
| 14/ 13 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 24 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 1 | 15 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 1 | 22 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 17 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 9 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 11 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 11 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 5 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) FEB (MONTH)

 0600-0900 (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 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 6 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 5.0 | 29.6 | 21.9 | 18.4 | 10.6 | 11.4 | 6.2 | 3.7 | 1.5 | .7 | .4 | .7 | | | | | | 678 | 678 | 678 | 678 |

| 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. | 2793224 | 40634 | 60.2 | 22.209 | 678 | | | | | | | |
| Dry Bulb | 1350557 | 25973 | 38.3 | 9.060 | 678 | | 24.4 | | | | | 84 |
| Wet Bulb | 766366 | 22220 | 32.8 | 7.556 | 678 | | 39.6 | | | | | 84 |
| Dew Point | 470320 | 15160 | 23.8 | 11.215 | 678 | 2.5 | 67.2 | | | | | 84 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | FEB 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 |
| 74/ 73 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 72/ 71 | | | | | | | | | | | .1 | | | .1 | | | | 2 | 2 | | |
| 70/ 69 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 68/ 67 | | | | | | | | | | | .3 | | .3 | | | | | 4 | 4 | | |
| 66/ 65 | | | | | | | .1 | | .4 | .1 | .3 | .6 | .1 | | | | | 12 | 12 | | |
| 64/ 63 | | | | | | | | .3 | | .9 | .6 | .1 | | | | | | 13 | 13 | | |
| 62/ 61 | | | | | .3 | .4 | .3 | .1 | .9 | .6 | .6 | .4 | | | | | | 25 | 25 | | |
| 60/ 59 | | | | .1 | | .1 | .9 | .3 | 1.3 | .6 | .7 | .1 | | | | | | 29 | 29 | | |
| 58/ 57 | | | .1 | .3 | .3 | .1 | .7 | 1.6 | 1.0 | 1.3 | .3 | | | | | | | 40 | 40 | | |
| 56/ 55 | | .3 | .3 | .1 | .1 | 1.5 | 1.2 | 1.9 | 1.3 | 1.2 | .1 | | | | | | | 52 | 53 | 1 | |
| 54/ 53 | | .4 | | .1 | .7 | 1.5 | 2.1 | 2.2 | .7 | .3 | | | | | | | | 55 | 55 | 7 | |
| 52/ 51 | | | .3 | .6 | 1.2 | 1.9 | 2.7 | 1.3 | 1.0 | .1 | | | | | | | | 62 | 62 | 12 | 4 |
| 50/ 49 | | .3 | .3 | .4 | 1.2 | 2.2 | 3.3 | 2.1 | 1.3 | .1 | | | | | | | | 72 | 72 | 16 | 7 |
| 48/ 47 | .7 | .4 | .3 | .6 | 2.2 | 1.3 | 1.5 | 1.6 | .4 | | | | | | | | | 58 | 58 | 26 | 11 |
| 46/ 45 | .1 | .4 | .7 | 1.5 | 1.3 | 2.1 | 1.0 | .7 | .1 | | | | | | | | | 55 | 55 | 48 | 4 |
| 44/ 43 | .1 | .7 | .6 | 1.6 | 1.3 | 1.3 | .4 | .9 | | | | | | | | | | 48 | 48 | 72 | 11 |
| 42/ 41 | | .7 | .9 | 1.5 | 1.9 | .7 | 1.2 | .3 | | | | | | | | | | 46 | 46 | 89 | 12 |
| 40/ 39 | | 1.2 | .7 | .6 | 1.8 | .3 | .6 | | | | | | | | | | | 35 | 35 | 112 | 10 |
| 38/ 37 | .3 | .6 | .7 | .6 | .3 | .4 | .4 | | | | | | | | | | | 23 | 23 | 82 | 29 |
| 36/ 35 | | .6 | .3 | .4 | .3 | .3 | .1 | | | | | | | | | | | 14 | 14 | 67 | 37 |
| 34/ 33 | .1 | .4 | .6 | 1.0 | .1 | | | | | | | | | | | | | 16 | 16 | 56 | 44 |
| 32/ 31 | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | 6 | 6 | 31 | 58 |
| 30/ 29 | | .3 | | .1 | | | | | | | | | | | | | | 3 | 3 | 25 | 48 |
| 28/ 27 | | .1 | .3 | | | | | | | | | | | | | | | 3 | 3 | 18 | 51 |
| 26/ 25 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 8 | 54 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 4 | 41 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 47 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 49 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 36 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 20 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 21 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 12 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 15 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 26 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 — STATION
BIGGS AAF TX (EL PASO) — STATION NAME
73-80 — YEARS
FEB — MONTH

PAGE 2
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 | | | | |
| 87 - 91 | | | | | | | | | | | | | | | | | | | | | 9 |
| 82 - 86 | | | | | | | | | | | | | | | | | | | | | 10 |
| 77 - 81 | | | | | | | | | | | | | | | | | | | | | 5 |
| 72 - 76 | | | | | | | | | | | | | | | | | | | | | 1 |
| -27 - -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.5 | 6.9 | 6.6 | 10.0 | 12.9 | 14.3 | 16.2 | 12.4 | 8.4 | 5.3 | 3.1 | 1.3 | .6 | .3 | | | | | 678 | | 677 |
| | | | | | | | | | | | | | | | | | | 677 | | 677 | |

| 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. | 1637207 | 30053 | 44.4 | 21.175 | 677 | | | | | | | |
| Dry Bulb | 1684491 | 33291 | 49.1 | 8.229 | 678 | | 1.7 | 1.0 | .1 | | | 84 |
| Wet Bulb | 1053287 | 26409 | 39.0 | 5.846 | 677 | | 10.8 | | | | | 54 |
| Dew Point | 515607 | 17751 | 25.5 | 10.605 | 677 | .7 | 63.0 | | | | | 84 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 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 |
| 78/ 77 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 76/ 75 | | | | | | | | | | | | | .1 | .4 | 1.2 | | | 12 | 12 | | |
| 74/ 73 | | | | | | | | | | .3 | .1 | .3 | .6 | .1 | .4 | | | 13 | 13 | | |
| 72/ 71 | | | | | | | | .1 | | .3 | .4 | .9 | 1.2 | .7 | .3 | | | 27 | 27 | | |
| 70/ 69 | | | | | | | .1 | | .4 | .4 | 1.0 | 1.3 | 1.9 | .3 | .1 | | | 39 | 39 | | |
| 68/ 67 | | | | | | .1 | .1 | .3 | | .4 | 1.0 | 2.7 | .9 | | | | | 38 | 38 | | |
| 66/ 65 | | | | | | | .1 | .1 | .7 | 1.3 | 1.3 | 1.5 | .6 | | | | | 38 | 38 | | |
| 64/ 63 | | | | | .1 | .1 | .3 | .6 | 1.3 | 1.3 | 2.1 | 1.0 | | | | | | 47 | 47 | | |
| 62/ 61 | | | | | .3 | | .1 | .9 | 2.1 | 2.1 | 1.3 | .6 | | | | | | 50 | 50 | | |
| 60/ 59 | | | .1 | | | .4 | .4 | 2.2 | 2.5 | 1.8 | 1.0 | .1 | | | | | | 59 | 59 | 1 | |
| 58/ 57 | | .1 | | .1 | .3 | .7 | .7 | 3.2 | 2.7 | 1.9 | 1.3 | .1 | | | | | | 74 | 74 | 2 | |
| 56/ 55 | | | | .3 | .3 | .6 | 1.5 | 2.1 | 1.5 | 1.3 | | | | | | | | 51 | 51 | 8 | |
| 54/ 53 | | | .3 | .3 | .1 | 1.3 | .6 | 1.5 | 1.3 | .9 | .1 | | | | | | | 44 | 44 | 11 | 2 |
| 52/ 51 | | | .3 | .1 | .6 | 1.0 | 2.3 | 1.3 | .6 | .3 | | | | | | | | 44 | 44 | 23 | 2 |
| 50/ 49 | | .3 | .4 | .7 | .6 | 1.3 | 1.0 | 1.0 | 1.2 | .1 | | | | | | | | 46 | 46 | 45 | 4 |
| 48/ 47 | .1 | | .6 | .7 | .3 | .3 | .7 | .4 | .6 | | | | | | | | | 26 | 26 | 83 | 2 |
| 46/ 45 | | | .6 | .6 | .1 | .7 | .1 | .4 | | | | | | | | | | 13 | 18 | 98 | 10 |
| 44/ 43 | .3 | | | .3 | .1 | .6 | | .1 | | | | | | | | | | 10 | 10 | 122 | 13 |
| 42/ 41 | | .1 | .3 | .4 | .4 | .1 | | | | | | | | | | | | 10 | 10 | 88 | 13 |
| 40/ 39 | | .1 | | .3 | | .3 | .1 | | | | | | | | | | | 6 | 6 | 64 | 15 |
| 38/ 37 | | .1 | .1 | .3 | | .1 | | | | | | | | | | | | 5 | 5 | 49 | 18 |
| 36/ 35 | .3 | .1 | | .4 | .3 | | | | | | | | | | | | | 8 | 8 | 28 | 29 |
| 34/ 33 | | .3 | | .4 | | | | | | | | | | | | | | 5 | 5 | 31 | 37 |
| 32/ 31 | | | .6 | | | | | | | | | | | | | | | 4 | 4 | 6 | 58 |
| 30/ 29 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 7 | 46 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 9 | 45 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 49 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 38 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 55 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 64 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 44 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 30 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 20 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 20 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | FEB MONTH

PAGE 2 | 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 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 19 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 20 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 11 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 7 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4/ -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .7 | 1.3 | 3.5 | 5.3 | 3.7 | 8.0 | 9.4 | 14.5 | 14.5 | 12.4 | 9.9 | 8.6 | 5.3 | 1.6 | 2.1 | .1 | | 677 | 677 | 677 | 677 |

| 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. | 926002 | 21760 | 32.1 | 18.309 | 677 | | | | | | | |
| Dry Bulb | 2321894 | 39156 | 57.8 | 9.199 | 677 | | .7 | 16.1 | 3.2 | | | 84 |
| Wet Bulb | 1270863 | 29095 | 43.0 | 5.502 | 677 | | 3.0 | | | | | 84 |
| Dew Point | 484145 | 16745 | 24.7 | 10.174 | 677 | .4 | 66.0 | | | | | 84 |

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 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 |
| 80/ 79 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 78/ 77 | | | | | | | | | | | | | | .3 | .7 | .3 | | 9 | 9 | | |
| 76/ 75 | | | | | | | | | | | .1 | .1 | .3 | 1.3 | .7 | | | 18 | 18 | | |
| 74/ 73 | | | | | | | | | | | .4 | .6 | 1.2 | 1.8 | 1.2 | .1 | | 36 | 36 | | |
| 72/ 71 | | | | | | | | .1 | | .3 | .3 | 1.3 | 3.8 | .6 | | | | 44 | 44 | | |
| 70/ 69 | | | | | | | .1 | .4 | | .3 | .4 | 1.0 | 3.7 | .3 | | | | 43 | 43 | | |
| 68/ 67 | | | | | | | .3 | .3 | | .7 | .1 | 3.7 | 1.8 | | | | | 47 | 47 | | |
| 66/ 65 | | | | | | | .1 | .6 | 1.3 | 1.0 | 1.2 | 1.9 | .7 | | | | | 47 | 47 | | |
| 64/ 63 | | | | | .1 | .1 | .1 | .6 | 1.6 | .9 | 2.9 | 1.0 | | | | | | 51 | 51 | | |
| 62/ 61 | | | | | .3 | .1 | .3 | .9 | 3.1 | 1.2 | 3.4 | .6 | .3 | | | | | 69 | 69 | | |
| 60/ 59 | | | | | | | .4 | 1.2 | 2.1 | 2.9 | 1.3 | .1 | | | | | | 55 | 55 | | |
| 58/ 57 | | | | | | .4 | 1.2 | 1.5 | 1.5 | 2.1 | .6 | .1 | | | | | | 50 | 50 | 3 | |
| 56/ 55 | | | .1 | .3 | | .7 | .9 | .3 | 1.3 | .6 | .3 | | | | | | | 31 | 31 | 9 | |
| 54/ 53 | | | .3 | .4 | | 1.2 | .2 | 1.3 | 1.0 | .6 | .3 | | | | | | | 41 | 41 | 13 | |
| 52/ 51 | | .1 | .3 | .4 | .3 | .7 | .4 | 1.5 | .7 | 1.0 | | | | | | | | 38 | 38 | 24 | |
| 50/ 49 | | | .3 | .4 | .3 | .4 | .4 | 1.2 | .6 | .1 | | | | | | | | 26 | 26 | 67 | 3 |
| 48/ 47 | | | .3 | .6 | .4 | .1 | .7 | .3 | .4 | | | | | | | | | 20 | 20 | 107 | 7 |
| 46/ 45 | | | .6 | | .7 | .4 | .4 | .1 | | | | | | | | | | 16 | 16 | 114 | 10 |
| 44/ 43 | | .3 | | | | .1 | .4 | | | | | | | | | | | 6 | 6 | 95 | 10 |
| 42/ 41 | | | .1 | .4 | | | .1 | | | | | | | | | | | 5 | 5 | 87 | 5 |
| 40/ 39 | | | .3 | | .1 | | .3 | | | | | | | | | | | 5 | 5 | 50 | 20 |
| 38/ 37 | | .3 | | .1 | .1 | | | | | | | | | | | | | 4 | 4 | 29 | 12 |
| 36/ 35 | | .6 | | | | | | | | | | | | | | | | 4 | 4 | 37 | 22 |
| 34/ 33 | | | .3 | .3 | .1 | | | | | | | | | | | | | 5 | 5 | 24 | 45 |
| 32/ 31 | | .1 | .6 | .1 | | | | | | | | | | | | | | 6 | 6 | 3 | 45 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 9 | 24 |
| 28/ 27 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 7 | 41 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 52 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 33 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 53 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 71 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 64 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 44 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (GL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2.044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | FEB 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 |
| 11 / 11 | | | | | | | | | | | | | | | | | | | | | 19 |
| 9 / 9 | | | | | | | | | | | | | | | | | | | | | 19 |
| 7 / 7 | | | | | | | | | | | | | | | | | | | | | 13 |
| 5 / 5 | | | | | | | | | | | | | | | | | | | | | 15 |
| 3 / 3 | | | | | | | | | | | | | | | | | | | | | 5 |
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -1 / -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| -3 / -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| -5 / -5 | | | | | | | | | | | | | | | | | | | | | 2 |
| -7 / -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| -9 / -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 1.5 | 3.2 | 3.2 | 2.7 | 4.6 | 7.4 | 10.3 | 13.7 | 11.9 | 11.5 | 10.8 | 11.8 | 4.3 | 2.8 | .4 | | | 678 | | 678 |
| | | | | | | | | | | | | | | | | | | 678 | | 678 | |

| 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. | 744475 | 19041 | 28.1 | 17.601 | 678 | | | | | | | |
| Dry Bulb | 2538691 | 40975 | 60.4 | 9.598 | 678 | | .9 | 24.5 | 7.9 | | | 84 |
| Wet Bulb | 1319576 | 29684 | 43.8 | 5.430 | 678 | | 2.4 | | | | | 84 |
| Dew Point | 439361 | 15821 | 23.3 | 10.218 | 678 | 1.2 | 67.4 | | | | | 84 |

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23 44 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | FEB (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 |
| 77/ 75 | | | | | | | | | | | | | | | .3 | | | 2 | 2 | | |
| 75/ 71 | | | | | | | | | | | | | .3 | .3 | .1 | | | 5 | 5 | | |
| 73/ 69 | | | | | | | | | | .1 | .1 | .6 | 1.2 | .3 | | | | 16 | 16 | | |
| 69/ 67 | | | | | | | .1 | .1 | .1 | .3 | .1 | 1.3 | 1.0 | | | | | 22 | 22 | | |
| 66/ 65 | | | | | | .1 | .1 | .7 | | .4 | .6 | 2.1 | .1 | | | | | 29 | 29 | | |
| 64/ 63 | | | | | .1 | | .4 | .1 | | .4 | 2.4 | 1.0 | .3 | | | | | 33 | 33 | | |
| 62/ 61 | | | | | | .3 | | .6 | 1.3 | .7 | 1.8 | .4 | | | | | | 33 | 33 | | |
| 60/ 59 | | | | .3 | .1 | .4 | .6 | 1.5 | 2.2 | 1.3 | 2.7 | .4 | | | | | | 63 | 63 | | |
| 58/ 57 | | | | | | .4 | 1.5 | 1.8 | 1.6 | 1.2 | .7 | | | | | | | 49 | 49 | | |
| 56/ 55 | | | | .1 | .4 | .7 | 1.2 | 1.9 | 2.2 | .7 | .1 | | | | | | | 51 | 51 | 4 | |
| 54/ 53 | | | .4 | | .4 | 1.0 | 1.5 | 1.6 | 1.5 | 1.0 | .1 | | | | | | | 52 | 52 | 8 | |
| 52/ 51 | | .6 | .3 | .1 | .1 | 1.6 | 1.9 | 3.0 | 1.3 | .1 | | | | | | | | 62 | 62 | 6 | 1 |
| 50/ 49 | | .4 | .1 | .9 | 1.3 | 1.0 | 2.4 | 1.2 | .7 | .3 | | | | | | | | 57 | 57 | 17 | 2 |
| 48/ 47 | | | .6 | .3 | .9 | 1.5 | 1.9 | .6 | .4 | | | | | | | | | 42 | 42 | 41 | 10 |
| 46/ 45 | | | .9 | 1.5 | .9 | 1.2 | 1.3 | 1.2 | .4 | | | | | | | | | 47 | 47 | 78 | 8 |
| 44/ 43 | | .6 | .4 | .6 | .3 | .9 | .1 | .9 | | | | | | | | | | 26 | 26 | 101 | 8 |
| 42/ 41 | | .6 | .7 | .4 | .4 | 1.2 | .9 | .1 | | | | | | | | | | 30 | 30 | 94 | 11 |
| 40/ 39 | | .1 | .6 | | .4 | .4 | .4 | .3 | | | | | | | | | | 16 | 16 | 90 | 18 |
| 38/ 37 | | .4 | .4 | .3 | .3 | .4 | .4 | | | | | | | | | | | 16 | 16 | 83 | 16 |
| 36/ 35 | | .7 | .1 | .1 | | .4 | .1 | | | | | | | | | | | 11 | 11 | 45 | 27 |
| 34/ 33 | | | .4 | | | | | | | | | | | | | | | 3 | 3 | 36 | 00 |
| 32/ 31 | | .3 | .1 | | | | | | | | | | | | | | | 3 | 3 | 28 | 46 |
| 30/ 29 | | .3 | .3 | | .1 | | | | | | | | | | | | | 5 | 5 | 20 | 36 |
| 28/ 27 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 12 | 44 |
| 26/ 25 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 11 | 30 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 37 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 45 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 68 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 48 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 42 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 35 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 21 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 24 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 16 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) LIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) FEB (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/ 4/ | | | | | | | | | | | | | | | | | | | | | 18 7 |
| 3/ 2/ | | | | | | | | | | | | | | | | | | | | | 7 7 |
| 1/ 0/ | | | | | | | | | | | | | | | | | | | | | 3 2 |
| -1/ -2/ | | | | | | | | | | | | | | | | | | | | | |
| -3/ -4/ | | | | | | | | | | | | | | | | | | | | | |
| -5 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .4 | 4.1 | 5.8 | 4.3 | 6.1 | 11.8 | 15.1 | 15.7 | 12.8 | 6.8 | 8.7 | 5.3 | 3.0 | .6 | .4 | | | 677 | 677 | 677 | 677 |

| 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. | 1154089 | 24383 | 36.0 | 20.203 | 677 | | | | | | | |
| Dry Bulb | 1939018 | 35698 | 53.0 | 9.063 | 677 | | 1.5 | 5.6 | .2 | | | 84 |
| Wet Bulb | 1120116 | 27256 | 40.3 | 5.806 | 677 | | 8.9 | | | | | 84 |
| Dew Point | 445177 | 15729 | 23.2 | 10.861 | 677 | 1.5 | 66.5 | | | | | 84 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | FEB 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 |
| 71 / 69 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 69 / 67 | | | | | | | | | | .1 | .3 | .3 | | | | | | 5 | 5 | | |
| 67 / 65 | | | | | | | | .1 | .1 | | .6 | .9 | .1 | | | | | 13 | 13 | | |
| 65 / 63 | | | | | | | .1 | .3 | | | .6 | .3 | | | | | | 9 | 9 | | |
| 63 / 61 | | | | | .3 | .4 | .5 | | .1 | .4 | .6 | .3 | | | | | | 17 | 17 | | |
| 61 / 59 | | | | | .1 | .3 | .1 | .4 | .9 | 1.6 | .6 | | | | | | | 28 | 28 | | |
| 59 / 57 | | | .1 | .3 | .6 | | | .9 | .7 | 1.2 | | | | | | | | 26 | 26 | | |
| 57 / 55 | | | .3 | .3 | .6 | .3 | 1.2 | 1.3 | 1.0 | 1.0 | | | | | | | | 39 | 39 | | |
| 55 / 53 | | | .1 | .1 | .4 | 1.0 | 1.9 | .7 | 1.5 | .4 | | | | | | | | 40 | 40 | 8 | |
| 53 / 51 | | .3 | .6 | .1 | 1.2 | 1.6 | 1.5 | 1.2 | 1.3 | | | | | | | | | 52 | 52 | 6 | 1 |
| 51 / 49 | | .4 | .4 | 1.0 | .9 | 2.1 | .7 | 1.2 | .3 | .1 | | | | | | | | 49 | 49 | 21 | 5 |
| 49 / 47 | | .6 | .1 | 1.2 | 1.5 | 1.5 | 1.8 | .6 | .4 | | | | | | | | | 53 | 53 | 18 | 5 |
| 47 / 45 | | | .9 | 1.6 | 1. | 1.9 | .9 | .1 | .6 | | | | | | | | | 51 | 51 | 25 | 16 |
| 45 / 43 | | .7 | 1.2 | 1.6 | 2.1 | 2.4 | 1.3 | .4 | | | | | | | | | | 66 | 66 | 60 | 9 |
| 43 / 41 | | 1.2 | .4 | 1.6 | 1.3 | 1.9 | .9 | .3 | | | | | | | | | | 50 | 50 | 91 | 7 |
| 41 / 39 | .1 | .6 | .7 | .7 | 2.1 | 1.6 | | .1 | | | | | | | | | | 41 | 41 | 79 | 19 |
| 39 / 37 | | 1.5 | 1.6 | .7 | 1.3 | 1.0 | .7 | | | | | | | | | | | 48 | 48 | 76 | 27 |
| 37 / 35 | | .9 | .7 | .9 | .4 | 1.0 | .3 | | | | | | | | | | | 29 | 29 | 74 | 25 |
| 35 / 33 | | 1.2 | .4 | 1.0 | .4 | .7 | | | | | | | | | | | | 26 | 26 | 56 | 34 |
| 33 / 31 | | | .4 | .6 | .4 | .3 | | | | | | | | | | | | 12 | 12 | 54 | 65 |
| 31 / 29 | | .4 | | .1 | .4 | .3 | | | | | | | | | | | | 9 | 9 | 39 | 44 |
| 29 / 27 | | .1 | .7 | | .4 | | | | | | | | | | | | | 9 | 9 | 24 | 42 |
| 27 / 25 | .1 | | | .3 | | | | | | | | | | | | | | 3 | 3 | 21 | 39 |
| 25 / 23 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 15 | 39 |
| 23 / 21 | | | | | | | | | | | | | | | | | | | | 8 | 33 |
| 21 / 19 | | | | | | | | | | | | | | | | | | | | 3 | 64 |
| 19 / 17 | | | | | | | | | | | | | | | | | | | | | 39 |
| 17 / 15 | | | | | | | | | | | | | | | | | | | | | 44 |
| 15 / 13 | | | | | | | | | | | | | | | | | | | | | 22 |
| 13 / 11 | | | | | | | | | | | | | | | | | | | | | 16 |
| 11 / 9 | | | | | | | | | | | | | | | | | | | | | 26 |
| 9 / 7 | | | | | | | | | | | | | | | | | | | | | 12 |
| 7 / 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| 5 / 3 | | | | | | | | | | | | | | | | | | | | | 11 |

| 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 0-26-5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | FEB MONTH

PAGE 2 | 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 |
| */ 1 | | | | | | | | | | | | | | | | | | | | 12 |
| */ -1 | | | | | | | | | | | | | | | | | | | | 7 |
| -*/ -3 | | | | | | | | | | | | | | | | | | | | 5 |
| -*/ -5 | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .4 | 3.1 | 9.1 | 12.4 | 15.9 | 18.4 | 11.4 | 7.5 | 6.7 | 5.0 | 2.7 | 1.9 | .3 | | | | | 678 | 678 | 678 | 678 |

| 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. | 1736007 | 31163 | 46.0 | 21.11 | 678 | | | | | | | |
| Dry Bulb | 1527924 | 31598 | 46.6 | 9.039 | 678 | | 4.3 | .7 | | | | 84 |
| Wet Bulb | 973751 | 25291 | 37.3 | 6.694 | 678 | | 20.3 | | | | | 84 |
| Dew Point | 483298 | 16414 | 24.2 | 11.200 | 678 | 2.0 | 65.5 | | | | | 84 |

USAFETAC FORM 0-23-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | FIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | FEB 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 |
| 80/ 79 | | | | | | | | | | | | | | | .0 | | | 1 | 1 | | |
| 78/ 77 | | | | | | | | | | | | | | .0 | .1 | .1 | | 10 | 10 | | |
| 76/ 75 | | | | | | | | | | | .0 | .0 | .1 | .2 | .2 | | | 30 | 30 | | |
| 74/ 73 | | | | | | | | | | .0 | .1 | .1 | .2 | .3 | .2 | .0 | | 52 | 52 | | |
| 72/ 71 | | | | | | | | .0 | | .1 | .1 | .3 | .7 | .2 | .1 | | | 78 | 78 | | |
| 70/ 69 | | | | | | | .0 | .1 | .1 | .1 | .2 | .4 | .9 | .1 | .0 | | | 100 | 100 | | |
| 68/ 67 | | | | | | .0 | .1 | .1 | .0 | .2 | .2 | 1.0 | .5 | | | | | 116 | 116 | | |
| 66/ 65 | | | | | | .0 | .1 | .2 | .3 | .4 | .5 | .9 | .2 | | | | | 145 | 145 | | |
| 64/ 63 | | | | | .1 | .0 | .1 | .2 | .4 | .5 | 1.1 | .5 | .1 | | | | | 160 | 160 | | |
| 62/ 61 | | | | | .2 | .2 | .1 | .4 | 1.0 | .6 | 1.0 | .3 | .0 | | | | | 208 | 208 | | |
| 60/ 59 | | | .3 | .1 | .1 | .2 | .4 | .8 | 1.2 | 1.2 | .8 | .1 | | | | | | 266 | 266 | 1 | |
| 58/ 57 | | .0 | .0 | .1 | .2 | .3 | .6 | 1.3 | 1.0 | 1.1 | .4 | .0 | | | | | | 268 | 268 | 5 | |
| 56/ 55 | | .0 | .1 | .3 | .2 | .5 | .6 | 1.1 | 1.2 | .7 | .1 | | | | | | | 269 | 270 | 22 | |
| 54/ 53 | | .2 | .3 | .2 | .4 | .9 | 1.1 | 1.1 | .9 | .5 | .1 | | | | | | | 299 | 299 | 51 | 2 |
| 52/ 51 | | .4 | .3 | .3 | .7 | 1.1 | 1.3 | 1.4 | .7 | .2 | | | | | | | | 345 | 345 | 92 | 9 |
| 50/ 49 | .0 | .3 | .3 | .6 | .9 | 1.3 | 1.2 | 1.1 | .6 | .1 | | | | | | | | 353 | 353 | 192 | 42 |
| 48/ 47 | .2 | .5 | .5 | .6 | 1.2 | 1.0 | 1.3 | .5 | .3 | | | | | | | | | 327 | 327 | 319 | 58 |
| 46/ 45 | .2 | .2 | .7 | .9 | 1.0 | 1.3 | .8 | .5 | .1 | | | | | | | | | 307 | 307 | 429 | 84 |
| 44/ 43 | .1 | .3 | .6 | 1.1 | 1.1 | 1.1 | .5 | .3 | | | | | | | | | | 270 | 270 | 518 | 74 |
| 42/ 41 | | .9 | .8 | 1.2 | 1.0 | .8 | .6 | .1 | | | | | | | | | | 296 | 296 | 575 | 60 |
| 40/ 39 | .0 | 1.0 | 1.1 | .9 | 1.3 | .5 | .4 | .1 | | | | | | | | | | 282 | 282 | 561 | 117 |
| 38/ 37 | .2 | .8 | 1.3 | .7 | .8 | .6 | .3 | | | | | | | | | | | 251 | 251 | 526 | 180 |
| 36/ 35 | .3 | 1.1 | .8 | .9 | .7 | .6 | .1 | | | | | | | | | | | 239 | 239 | 480 | 227 |
| 34/ 33 | .1 | 1.2 | .8 | 1.3 | .4 | .3 | .1 | | | | | | | | | | | 209 | 209 | 408 | 308 |
| 32/ 31 | .1 | .8 | 1.1 | .8 | .4 | .2 | .0 | | | | | | | | | | | 187 | 187 | 310 | 451 |
| 30/ 29 | .0 | .6 | .6 | .4 | .5 | .1 | | | | | | | | | | | | 118 | 118 | 252 | 338 |
| 28/ 27 | .0 | .6 | .6 | .2 | .2 | .0 | | | | | | | | | | | | 91 | 91 | 240 | 348 |
| 26/ 25 | .1 | .2 | .4 | .3 | .1 | | | | | | | | | | | | | 61 | 61 | 174 | 357 |
| 24/ 23 | .0 | .2 | .2 | .2 | .0 | | | | | | | | | | | | | 40 | 40 | 101 | 347 |
| 22/ 21 | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | 19 | 19 | 80 | 360 |
| 20/ 19 | .1 | | .1 | .1 | | | | | | | | | | | | | | 13 | 13 | 45 | 450 |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | 5 | 5 | 16 | 378 |
| 16/ 15 | | | .1 | | | | | | | | | | | | | | | 4 | 4 | 12 | 285 |
| 14/ 13 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 6 | 194 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | HIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | FEB MONTH

PAGE 2 | ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 13/ 11 | | | | | | | | | | | | | | | | | | | | 4 | 140 |
| 13/ 9 | | | | | | | | | | | | | | | | | | | | 1 | 161 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 131 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 82 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 70 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 50 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 43 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 26 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 27 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 6 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 4 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.6 | 9.5 | 11.7 | 11.0 | 11.0 | 11.1 | 9.9 | 9.3 | 7.8 | 5.8 | 4.6 | 3.6 | 2.6 | .8 | .7 | .1 | | 5420 | 5421 | 5420 | 5429 |

| 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. | 13850119 | 242835 | 44.8 | 23.412 | 5420 | | | | | | | |
| Dry Bulb | 13430750 | 261918 | 48.3 | 11.966 | 5421 | | 66.8 | 48.0 | 11.5 | | | 672 |
| Wet Bulb | 8147952 | 206054 | 38.0 | 7.616 | 5420 | | 153.9 | | | | | 672 |
| Dew Point | 3781491 | 130555 | 24.1 | 10.940 | 5421 | 13.9 | 528.1 | | | | | 672 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | MAR 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 |
| 7 / 6 | | | | | | | | | .1 | | .3 | .7 | | .1 | | | | 9 | 9 | | |
| 6 / 5 | | | | | | | | .3 | | .7 | .3 | .8 | .8 | | | | | 21 | 21 | | |
| 6 / 6 | | | | | | | | | .1 | | .3 | 1.6 | .1 | | | | | 16 | 16 | | |
| 4 / 6 | | | | | | | | | .3 | .7 | .9 | .1 | | | | | | 15 | 15 | | |
| 6 / 6 | | | | | | | .1 | | 1.2 | .9 | 1.1 | .3 | | | | | | 27 | 27 | | |
| 0 / 5 | | | | | | | .1 | .4 | 1.5 | 1.1 | .5 | .1 | | | | | | 28 | 28 | | |
| 8 / 5 | | | | | .1 | .1 | .5 | .8 | 1.6 | 1.1 | | | | | | | | 32 | 32 | | |
| 6 / 5 | | .4 | | .3 | .4 | .7 | 1.3 | 1.5 | 1.7 | .9 | | | | | | | | 54 | 54 | | |
| 4 / 5 | | | .1 | | .9 | 1.5 | 1.2 | 1.5 | 1.3 | .7 | | | | | | | | 54 | 54 | 6 | 1 |
| 2 / 5 | | .5 | | .3 | .7 | 1.2 | 2.4 | 1.5 | .7 | .1 | | | | | | | | 55 | 55 | 1 | 2 |
| 0 / 4 | | | .3 | | 1.2 | 2.2 | 2.3 | 1.5 | 1.5 | | | | | | | | | 66 | 66 | 17 | 1 |
| 8 / 4 | | .1 | | .7 | .8 | 2.8 | 2.6 | 1.7 | .9 | | | | | | | | | 72 | 72 | 20 | 4 |
| 6 / 4 | | .1 | | .5 | 2.4 | 1.9 | 1.6 | 1.3 | | | | | | | | | | 59 | 59 | 60 | |
| 4 / 4 | | .1 | .4 | 1.1 | 2.4 | 2.2 | 1.1 | .3 | | | | | | | | | | 56 | 56 | 75 | 2 |
| 2 / 4 | | .1 | 1.1 | 1.2 | 1.9 | 1.6 | 1.3 | .4 | | | | | | | | | | 57 | 57 | 72 | 7 |
| 0 / 3 | | .1 | 1.1 | .5 | 2.2 | .7 | .7 | | | | | | | | | | | 39 | 39 | 99 | 3 |
| 8 / 3 | | .1 | .3 | .8 | .9 | 1.5 | .8 | | | | | | | | | | | 33 | 33 | 107 | 17 |
| 6 / 3 | | .3 | .8 | | .5 | .7 | .1 | | | | | | | | | | | 18 | 18 | 74 | 20 |
| 4 / 3 | | .4 | .3 | .1 | .3 | 1.1 | | | | | | | | | | | | 16 | 16 | 74 | 25 |
| 2 / 3 | | | | .4 | .4 | .3 | | | | | | | | | | | | 8 | 8 | 61 | 50 |
| 0 / 2 | | | | .3 | .1 | .1 | | | | | | | | | | | | 4 | 4 | 20 | 49 |
| 0 / 2 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 24 | 78 |
| 6 / 2 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | 14 | 62 |
| 4 / 2 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 14 | 44 |
| 2 / 2 | | | | | | | | | | | | | | | | | | | | 4 | 69 |
| 0 / 1 | | | | | | | | | | | | | | | | | | | | 2 | 56 |
| 8 / 1 | | | | | | | | | | | | | | | | | | | | | 55 |
| 6 / 1 | | | | | | | | | | | | | | | | | | | | | 30 |
| 4 / 1 | | | | | | | | | | | | | | | | | | | | | 34 |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | | 22 |
| 0 / 9 | | | | | | | | | | | | | | | | | | | | | 29 |
| 8 / 7 | | | | | | | | | | | | | | | | | | | | | 23 |
| 6 / 5 | | | | | | | | | | | | | | | | | | | | | 20 |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 11 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# PSYCHROMETRIC SUMMARY

23044 | 3TGS AAF TX (EL PASO) | 73-80 | MAR
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 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 |
| -1/ 1 | | | | | | | | | | | | | | | | | | | | | 15 |
| -3/ -1 | | | | | | | | | | | | | | | | | | | | | 4 |
| -5/ -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| -7/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -9/ -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 2.4 | 4.8 | 6.3 | 15.3 | 19.4 | 16.3 | 11.2 | 11.0 | 6.2 | 3.4 | 3.6 | .9 | .1 | | | | | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | |

| 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. | 1289339 | 28277 | 38.0 | 16.996 | 744 | | | | | | | |
| Dry Bulb | 1855786 | 36560 | 49.1 | 8.929 | 744 | | 2.1 | 3.8 | | | | 93 |
| Wet Bulb | 1093305 | 28155 | 37.8 | 6.122 | 744 | | 17.4 | | | | | 93 |
| Dew Point | 438528 | 16534 | 22.2 | 9.782 | 744 | 1.0 | 81.9 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) WIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) MAR (MONTH)

 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 |
| 71/ 69 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 69/ 67 | | | | | | | | | | | .1 | .3 | | | | | | 3 | 3 | | |
| 66/ 65 | | | | | | | | .3 | | .1 | .1 | .3 | .1 | | | | | 7 | 7 | | |
| 64/ 63 | | | | | | | | | | .5 | .1 | .3 | | | | | | 7 | 7 | | |
| 62/ 61 | | | | | | .1 | | .5 | .5 | .5 | .4 | .1 | | | | | | 15 | 15 | | |
| 60/ 59 | | | | | | | | .4 | .9 | 1.6 | .4 | | | | | | | 25 | 25 | | |
| 58/ 57 | | | | .1 | | .1 | .1 | 1.7 | .5 | 1.3 | .1 | | | | | | | 32 | 32 | | |
| 56/ 55 | | | .1 | | .1 | | .7 | 2.0 | 1.1 | .5 | | | | | | | | 34 | 34 | | |
| 54/ 53 | | .1 | .7 | .1 | .4 | .7 | 1.5 | 1.7 | .5 | .3 | | | | | | | | 45 | 45 | 3 | |
| 52/ 51 | | .3 | .1 | | 1.1 | 1.1 | 1.9 | 1.5 | .5 | .3 | | | | | | | | 50 | 50 | 3 | 1 |
| 50/ 49 | | | .3 | .5 | .8 | 1.2 | 2.2 | 1.5 | .4 | | | | | | | | | 51 | 51 | 8 | 2 |
| 48/ 47 | | | .4 | .8 | 1.1 | 2.3 | 1.9 | .9 | .4 | | | | | | | | | 58 | 58 | 17 | 3 |
| 46/ 45 | | .1 | .1 | .9 | 2.4 | 2.7 | 1.1 | 1.3 | | | | | | | | | | 65 | 65 | 24 | 5 |
| 44/ 43 | | .3 | .5 | 1.6 | 2.3 | 1.3 | .8 | .7 | | | | | | | | | | 55 | 55 | 54 | 4 |
| 42/ 41 | | .1 | .9 | 1.7 | 2.2 | 1.1 | 1.2 | .3 | | | | | | | | | | 56 | 56 | 79 | 9 |
| 40/ 39 | .1 | .4 | .9 | 3.2 | 2.0 | 1.6 | .4 | | | | | | | | | | | 65 | 65 | 78 | 3 |
| 38/ 37 | | .1 | 2.4 | 1.7 | 2.3 | .9 | .3 | | | | | | | | | | | 58 | 58 | 86 | 13 |
| 36/ 35 | | .1 | .8 | 1.3 | 1.6 | .8 | | | | | | | | | | | | 35 | 35 | 99 | 19 |
| 34/ 33 | | .8 | .9 | .9 | .4 | .4 | | | | | | | | | | | | 26 | 26 | 78 | 24 |
| 32/ 31 | | .5 | .3 | .9 | .5 | .7 | | | | | | | | | | | | 22 | 22 | 73 | 37 |
| 30/ 29 | | .3 | .3 | .3 | .7 | .5 | | | | | | | | | | | | 15 | 15 | 55 | 58 |
| 28/ 27 | | | | .6 | .3 | | | | | | | | | | | | | 8 | 8 | 32 | 102 |
| 26/ 25 | | | .1 | .3 | | | | | | | | | | | | | | 3 | 3 | 15 | 60 |
| 24/ 23 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 13 | 54 |
| 22/ 21 | | .3 | .4 | .1 | | | | | | | | | | | | | | 6 | 6 | 17 | 60 |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 64 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 6 | 32 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 42 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 38 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 14 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 29 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 18 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 20 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 16 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | MAR 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 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 11 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 3. | 9.4 | 15.6 | 18.1 | 15.6 | 12.0 | 12.8 | 5.0 | 5.2 | 1.3 | 1.1 | .1 | | | | | 744 | 744 | 744 | 744 |

| 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. | 1652611 | 32485 | 43.7 | 17.755 | 744 | | | | | | | |
| Dry Bulb | 1986704 | 33696 | 45.3 | 9.031 | 744 | | 7.0 | .5 | | | | 93 |
| Wet Bulb | 988975 | 26699 | 35.9 | 6.445 | 744 | | 26.9 | | | | | 93 |
| Dew Point | 439724 | 16634 | 22.4 | 9.555 | 744 | .8 | 82.6 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | WIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | MAR 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 | | | | |
| 72/ 71 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 68/ 67 | | | | | | | | | | | .1 | .1 | | | | | | 2 | 2 | | |
| 66/ 65 | | | | | | | | | | | .4 | .1 | | | | | | 4 | 4 | | |
| 64/ 63 | | | | | | | .1 | | .1 | .3 | .3 | | | | | | | 6 | 6 | | |
| 62/ 61 | | | | | | | | | .5 | .4 | .3 | .3 | .1 | | | | | 12 | 12 | | |
| 60/ 59 | | | | | | | .1 | .7 | .5 | .8 | .1 | | | | | | | 17 | 17 | | |
| 58/ 57 | | | | | | | .1 | 1.9 | .7 | .5 | | | | | | | | 21 | 21 | | |
| 56/ 55 | | .3 | .1 | .1 | .4 | .4 | 1.2 | 1.3 | 1.1 | .7 | | | | | | | | 42 | 42 | | |
| 54/ 53 | | | .1 | .4 | .5 | .1 | 2.0 | 1.1 | 1.2 | .5 | | | | | | | | 48 | 48 | 3 | |
| 52/ 51 | | | .3 | | .8 | 1.7 | 2.2 | 1.3 | .9 | | | | | | | | | 54 | 54 | 1 | 3 |
| 50/ 49 | | .4 | .1 | .8 | 2.2 | 1.1 | 2.7 | 1.5 | 1.1 | | | | | | | | | 73 | 73 | 9 | |
| 48/ 47 | | .1 | .7 | .3 | 2.2 | 2.0 | 1.5 | .5 | | | | | | | | | | 54 | 54 | 11 | 2 |
| 46/ 45 | | .1 | .1 | 1.6 | 2.0 | 2.0 | 1.6 | .7 | .3 | | | | | | | | | 63 | 63 | 29 | 5 |
| 44/ 43 | | | .3 | 1.3 | 2.3 | 1.9 | 1.3 | .4 | | | | | | | | | | 56 | 56 | 53 | 5 |
| 42/ 41 | | .3 | .5 | 3.4 | 2.8 | 1.7 | 1.3 | .3 | | | | | | | | | | 77 | 77 | 75 | 8 |
| 40/ 39 | | .3 | 1.6 | 1.5 | .8 | 1.5 | .5 | | | | | | | | | | | 46 | 46 | 91 | 6 |
| 38/ 37 | | .5 | 1.7 | 1.7 | .9 | 1.1 | .3 | | | | | | | | | | | 47 | 47 | 101 | 6 |
| 36/ 35 | .1 | .5 | 1.1 | 1.5 | .8 | .7 | | | | | | | | | | | | 35 | 35 | 88 | 22 |
| 34/ 33 | | 1.1 | .7 | 1.3 | .3 | .7 | | | | | | | | | | | | 30 | 30 | 85 | 28 |
| 32/ 31 | .3 | .7 | .8 | .4 | .5 | .3 | | | | | | | | | | | | 22 | 22 | 69 | 77 |
| 30/ 29 | | .4 | .1 | .5 | .7 | | | | | | | | | | | | | 13 | 13 | 51 | 70 |
| 28/ 27 | | .1 | .1 | .4 | .4 | .1 | | | | | | | | | | | | 9 | 9 | 26 | 75 |
| 26/ 25 | | | .3 | .5 | .1 | | | | | | | | | | | | | 7 | 7 | 15 | 51 |
| 24/ 23 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 16 | 56 |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 9 | 53 |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 9 | 64 |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 40 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 32 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 33 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 19 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 33 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 15 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 11 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 11 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23144 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | MAR MONTH

PAGE 2 | 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 |
| ≤/ 1 | | | | | | | | | | | | | | | | | | | | | 14 |
| 2/ -1 | | | | | | | | | | | | | | | | | | | | | 7 |
| -2/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | 5.1 | 9.0 | 16.0 | 17.5 | 15.3 | 15.1 | 9.3 | 7.1 | 3.2 | 1.2 | .7 | .1 | | | | | 744 | 744 | 744 | 744 |

| 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. | 1764745 | 33573 | 45.1 | 18.315 | 744 | | | | | | | |
| Dry Bulb | 1573828 | 33614 | 45.2 | 8.615 | 744 | | 7.0 | .4 | | | | 93 |
| Wet Bulb | 997477 | 26847 | 36.1 | 6.216 | 744 | | 24.8 | | | | | 93 |
| Dew Point | 462781 | 17169 | 23.1 | 9.466 | 744 | .6 | 82.4 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | MAR 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 |
| 80/ 79 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| 78/ 77 | | | | | | | | | | | | | | .4 | | | | 3 | 3 | | |
| 76/ 75 | | | | | | | | | | .1 | | .1 | .4 | .3 | | | | 7 | 7 | | |
| 74/ 73 | | | | | | | | | | | .1 | .3 | .5 | .9 | | | | 14 | 14 | | |
| 72/ 71 | | | | | | | | | .1 | .3 | .4 | .5 | 1.1 | .1 | | | | 19 | 19 | | |
| 70/ 69 | | | | | | | | | .1 | .3 | .8 | 1.1 | 1.3 | | | | | 27 | 27 | | |
| 68/ 67 | | | | | | | | | .1 | .9 | 1.2 | 1.5 | .4 | | | | | 31 | 31 | | |
| 66/ 65 | | | | | | .1 | | | .3 | 1.3 | 1.9 | 1.1 | .3 | | | | | 37 | 37 | | |
| 64/ 63 | | | | | | | .1 | .5 | 1.1 | 1.7 | 2.2 | 1.5 | | | | | | 53 | 53 | | |
| 62/ 61 | | | | | | .1 | .3 | .3 | 3.1 | 2.6 | 1.2 | .3 | .1 | | | | | 59 | 59 | | |
| 60/ 59 | | | .1 | | | .7 | .4 | 1.6 | 1.6 | 1.9 | 1.5 | | | | | | | 59 | 59 | 1 | |
| 58/ 57 | | | | | .5 | .4 | .5 | 3.9 | 2.3 | 2.0 | .6 | .1 | | | | | | 78 | 78 | 1 | |
| 56/ 55 | | .1 | | .1 | .1 | 1.6 | 2.3 | 2.7 | 1.6 | 1.2 | | | | | | | | 71 | 71 | 3 | |
| 54/ 53 | | | .3 | .3 | .7 | .8 | 1.9 | 2.2 | 1.7 | .8 | | | | | | | | 64 | 64 | 6 | |
| 52/ 51 | | | .3 | .1 | .5 | 1.6 | 3.0 | 1.6 | 1.3 | | | | | | | | | 63 | 63 | 23 | 2 |
| 50/ 49 | | | .1 | | .9 | 1.5 | 1.5 | 1.1 | .9 | | | | | | | | | 45 | 45 | 51 | 1 |
| 48/ 47 | | | | .4 | 1.3 | 1.2 | .7 | 1.1 | | | | | | | | | | 35 | 35 | 67 | 5 |
| 46/ 45 | | | .1 | .4 | .8 | 1.1 | .8 | .7 | | | | | | | | | | 29 | 29 | 118 | 2 |
| 44/ 43 | | | .3 | .4 | .8 | .1 | .4 | .3 | | | | | | | | | | 17 | 17 | 108 | 9 |
| 42/ 41 | | .5 | .1 | .1 | | .4 | .3 | .1 | | | | | | | | | | 12 | 12 | 111 | 6 |
| 40/ 39 | | .1 | | .3 | .3 | .4 | | | | | | | | | | | | 8 | 8 | 103 | 13 |
| 38/ 37 | .1 | | .1 | .1 | | .3 | | | | | | | | | | | | 5 | 5 | 65 | 24 |
| 36/ 35 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 36 | 23 |
| 34/ 33 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 22 | 27 |
| 32/ 31 | | .3 | | | .1 | | | | | | | | | | | | | 3 | 3 | 18 | 61 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 6 | 67 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 2 | 77 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 64 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 56 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 44 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 63 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 37 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 32 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 24 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | MAR 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 |
| 14/ 11 | | | | | | | | | | | | | | | | | | | | | 37 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 25 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 19 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 9 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 1.2 | 1.5 | 2.4 | 6.3 | 10.4 | 11.8 | 15.9 | 14.4 | 13.2 | 10.4 | 6.5 | 4.2 | 1.7 | | | | | 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. | 907914 | 23422 | 31.5 | 15.117 | 743 | | | | | | | |
| Dry Bulb | 2467039 | 42369 | 57.0 | 8.344 | 743 | | .4 | 12.8 | 3.1 | | | 93 |
| Wet Bulb | 1359337 | 31559 | 42.5 | 5.042 | 743 | | 3.4 | | | | | 93 |
| Dew Point | 505414 | 18238 | 24.5 | 8.821 | 743 | .3 | 79.0 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | KIGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | MAR MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 108/ 87 | | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 106/ 85 | | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 104/ 83 | | | | | | | | | | | | | | | | .5 | .3 | | 6 | 6 | | |
| 102/ 81 | | | | | | | | | | | | .1 | | .3 | .4 | .7 | | | 11 | 11 | | |
| 100/ 79 | | | | | | | | | | | | | .3 | .4 | .8 | .8 | .1 | | 18 | 18 | | |
| 98/ 77 | | | | | | | | | | | .1 | .9 | .9 | 1.9 | .5 | | | | 33 | 33 | | |
| 96/ 75 | | | | | | | | | | | .1 | .7 | 1.6 | 2.2 | 1.3 | .4 | | | 47 | 47 | | |
| 94/ 73 | | | | | | | | | | | .4 | 1.3 | 3.0 | 1.5 | .4 | | | | 49 | 49 | | |
| 92/ 71 | | | | | | | .1 | | | | .4 | 1.1 | 3.5 | 2.2 | | | | | 54 | 54 | | |
| 90/ 69 | | | | | | | | | | .7 | 1.1 | 2.0 | 2.0 | 1.2 | .1 | | | | 53 | 53 | | |
| 88/ 67 | | | | | | | | .1 | .4 | .4 | 2.6 | 3.1 | .7 | .1 | | | | | 55 | 55 | | |
| 86/ 65 | | | | | | | .3 | .1 | .3 | 2.0 | 4.4 | 2.7 | .4 | | | | | | 76 | 77 | | |
| 84/ 63 | | | | | | .1 | | .4 | 1.1 | 2.6 | 3.1 | 1.3 | .4 | | | | | | 67 | 67 | | |
| 82/ 61 | | | | | .1 | .1 | .3 | .7 | 2.0 | 2.7 | 1.7 | .3 | | | | | | | 59 | 59 | | |
| 80/ 59 | | | | | | .3 | .4 | 1.5 | 2.3 | 1.6 | 1.3 | .3 | | | | | | | 57 | 57 | 3 | |
| 78/ 57 | | | | | .1 | .1 | .4 | .7 | 1.9 | .9 | .5 | | | | | | | | 35 | 35 | 1 | |
| 76/ 55 | | | | .1 | | .1 | .5 | 2.4 | .7 | .9 | | | | | | | | | 36 | 36 | 14 | |
| 74/ 53 | | | | .1 | .1 | .3 | .3 | 1.3 | .3 | .4 | | | | | | | | | 21 | 21 | 31 | |
| 72/ 51 | | | | .1 | .3 | .4 | 1.1 | .3 | .5 | .5 | | | | | | | | | 24 | 24 | 60 | |
| 70/ 49 | | | | .3 | .3 | .4 | .1 | .4 | .5 | | | | | | | | | | 15 | 15 | 99 | |
| 68/ 47 | | | .1 | | .1 | | .4 | .4 | .1 | | | | | | | | | | 9 | 9 | 138 | 3 |
| 66/ 45 | | | | | .1 | .4 | .3 | | | | | | | | | | | | 6 | 6 | 176 | 2 |
| 64/ 43 | | .1 | | .1 | | .4 | .1 | | | | | | | | | | | | 6 | 6 | 112 | 7 |
| 62/ 41 | | | | .1 | | .1 | | | | | | | | | | | | | 2 | 2 | 63 | 5 |
| 60/ 39 | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 47 | 10 |
| 58/ 37 | | | | | | | | | | | | | | | | | | | | | 15 | 16 |
| 56/ 35 | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 19 | 16 |
| 54/ 33 | | | | | | | | | | | | | | | | | | | | | 14 | 21 |
| 52/ 31 | | | | | | | | | | | | | | | | | | | | | 1 | 38 |
| 50/ 29 | | | | | | | | | | | | | | | | | | | | | | 60 |
| 48/ 27 | | | | | | | | | | | | | | | | | | | | | | 80 |
| 46/ 25 | | | | | | | | | | | | | | | | | | | | | | 79 |
| 44/ 23 | | | | | | | | | | | | | | | | | | | | | | 68 |
| 42/ 21 | | | | | | | | | | | | | | | | | | | | | | 72 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) MAR (MONTH)

PAGE 2 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ./ 19 | | | | | | | | | | | | | | | | | | | | | 64 |
| 1./ 17 | | | | | | | | | | | | | | | | | | | | | 53 |
| 1(/ 15 | | | | | | | | | | | | | | | | | | | | | 41 |
| 1~/ 13 | | | | | | | | | | | | | | | | | | | | | 50 |
| 1./ 11 | | | | | | | | | | | | | | | | | | | | | 27 |
| 1 / 9 | | | | | | | | | | | | | | | | | | | | | 20 |
| >/ 7 | | | | | | | | | | | | | | | | | | | | | 12 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| / -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .1 | .4 | .0 | 1.2 | 2.8 | 4.2 | 8.5 | 10.1 | 12.8 | 15.7 | 13.1 | 12.3 | 8.9 | 5.1 | 3.0 | .4 | 743 | 744 | 743 | 743 |

| 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. | 462288 | 16522 | 22.2 | 11.309 | 743 | | | | | | | |
| Dry Bulb | 3224064 | 48548 | 65.3 | 8.695 | 744 | | | 41.0 | 20.8 | 3.4 | | 93 |
| Wet Bulb | 1575992 | 34042 | 45.8 | 4.686 | 743 | | .1 | | | | | 93 |
| Dew Point | 449727 | 17219 | 23.2 | 8.264 | 743 | .5 | 83.0 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...CAL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

...44 | 915GL AAF FX (EL PASO) | 73-80 | MAR
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 |
| ../ 87 | | | | | | | | | | | | | | .2 | | | | 2 | 2 | | |
| 6../ 85 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| ../ 83 | | | | | | | | | | | | | | | .1 | .8 | .7 | 12 | 12 | | |
| ../ 81 | | | | | | | | | | | | | | .1 | .4 | .9 | .6 | 14 | 14 | | |
| ../ 79 | | | | | | | | | | | | | .7 | 1.5 | 2.3 | .9 | .6 | 43 | 43 | | |
| 7../ 77 | | | | | | | | | | | | | .9 | 1.6 | 2.2 | .7 | | 40 | 40 | | |
| 7../ 75 | | | | | | | | | | | | .8 | 1.2 | 2.8 | 3.6 | .2 | | 61 | 61 | | |
| 74/ 73 | | | | | | | | | | | | .1 | 3.8 | 3.5 | .4 | | | 61 | 61 | | |
| 72/ 71 | | | | | | | | | | .7 | .3 | 1.1 | 3.1 | 2.4 | .9 | | | 63 | 63 | | |
| 7../ 69 | | | | | | | | | | .4 | .4 | 2.3 | 3.9 | 1.6 | .1 | | | 65 | 65 | | |
| 6../ 67 | | | | | | | | | .1 | .4 | 2.3 | 4.7 | 1.2 | .5 | | | | 69 | 69 | | |
| 66/ 65 | | | | | | .3 | | | .5 | 1.5 | 2.2 | 3.9 | .7 | .1 | | | | 68 | 68 | | |
| 4../ 63 | | | | | | | .3 | | .7 | 1.9 | 2.7 | 1.1 | .4 | | | | | 52 | 52 | | |
| 62/ 61 | | | | | | .1 | | .4 | .9 | 1.5 | .7 | .1 | | | | | | 28 | 28 | 2 | |
| ../ 59 | | | | .1 | | .1 | .4 | .2 | 1.2 | 1.1 | 1.6 | .1 | | | | | | 36 | 36 | | |
| ../ 57 | | | | | .1 | .1 | .5 | 1.7 | 1.7 | .9 | .4 | | | | | | | 42 | 42 | | |
| 56/ 55 | | | | | | .3 | .4 | .9 | .7 | .9 | .1 | | | | | | | 25 | 25 | 18 | |
| 54/ 53 | | | | | .1 | .4 | .1 | .5 | .5 | .1 | .3 | | | | | | | 16 | 16 | 39 | |
| 52/ 51 | | | | .1 | .4 | .4 | .2 | .1 | .7 | .9 | | | | | | | | 19 | 19 | 63 | 1 |
| 50/ 49 | | | | | .4 | .3 | .5 | .3 | | | | | | | | | | 11 | 11 | 119 | |
| 4../ 47 | | | | .1 | .4 | | .1 | .1 | | | | | | | | | | 6 | 6 | 140 | 2 |
| 46/ 45 | | | | | .1 | | | .1 | | | | | | | | | | 2 | 2 | 130 | 3 |
| 44/ 43 | | | | .4 | | | | | | | | | | | | | | 3 | 3 | 101 | 4 |
| 4../ 41 | | | .1 | .1 | .1 | .3 | | | | | | | | | | | | 5 | 5 | 59 | 2 |
| 4../ 39 | | | | | | | | | | | | | | | | | | | | 37 | 2 |
| 3../ 37 | | | | | | | | | | | | | | | | | | | | 17 | 16 |
| 3../ 35 | | | | | | | | | | | | | | | | | | | | 13 | 19 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 6 | 21 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 32 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 44 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 50 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 71 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 79 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 66 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AX 64

LOCAL CLIMATOLOGY BRANCH
USAFETAC
USA WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23 44 STATION | 13GS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | MAR MONTH

PAGE 2 | 1300-1700 HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (°) | | | | | | | | | | | | | | | | | | 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 |
| 120/ 119 | | | | | | | | | | | | | | | | | | | | | 76 |
| 118/ 117 | | | | | | | | | | | | | | | | | | | | | 81 |
| 116/ 115 | | | | | | | | | | | | | | | | | | | | | 43 |
| 114/ 113 | | | | | | | | | | | | | | | | | | | | | 42 |
| 112/ 111 | | | | | | | | | | | | | | | | | | | | | 15 |
| 110/ 9 | | | | | | | | | | | | | | | | | | | | | 23 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 10 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 15 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 11 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 5 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 3 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | | .1 | .9 | 1.7 | 2.3 | 7.7 | 4.4 | 7.1 | 9.9 | 19.9 | 13.8 | 15.9 | 14.5 | 10.5 | 3.6 | 1.5 | | 744 | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | | 744 | |

| 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. | 374465 | 14565 | 19.6 | 10.965 | 744 | | | | | | | |
| Dry Bulb | 3444522 | [illegible]04 | 67.5 | 8.746 | 744 | | | 53.9 | 29.3 | 6.6 | | 93 |
| Wet Bulb | 1618009 | 34535 | 46.4 | 4.488 | 744 | | | | | | | 93 |
| Dew Point | 404187 | 16125 | 21.7 | 8.581 | 744 | 1.3 | 84.3 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 — STATION
EIGGS AAF TX (EL PASO) — STATION NAME
73-80 — 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 |
| [illegible] | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| [illegible] | | | | | | | | | | | | .1 | | | .1 | .1 | | 3 | 3 | | |
| [illegible] | | | | | | | | | | | .1 | | | .1 | .3 | .1 | .1 | 6 | 6 | | |
| 76/ 77 | | | | | | | | | | | | .3 | | .3 | .8 | .3 | | 12 | 12 | | |
| 76/ 75 | | | | | | | | | | | | | 1.1 | .8 | 1.1 | | | 22 | 22 | | |
| 74/ 73 | | | | | | | | | | | .7 | .4 | 1.5 | 1.9 | .3 | | | 32 | 32 | | |
| 72/ 71 | | | | | | | | | | | .1 | .4 | 2.4 | 1.2 | .5 | | | 35 | 35 | | |
| 70/ 69 | | | | | | | | | | .1 | .4 | 1.9 | 2.7 | .7 | | | | 43 | 43 | | |
| 68/ 67 | | | | | | | | | .4 | .1 | 1.6 | 4.4 | .9 | .3 | | | | 58 | 58 | | |
| 66/ 65 | | | | | | | | | .3 | 1.5 | 2.3 | 3.5 | 1.3 | .1 | | | | 67 | 67 | | |
| [illegible] | | | | | | | | | .5 | 1.6 | 3.4 | .8 | .1 | | | | | 48 | 48 | | |
| [illegible] | | | | | .1 | .1 | .1 | .5 | 1.7 | 1.7 | 2.0 | .9 | .1 | | | | | 56 | 56 | | |
| [illegible] | | | | | .1 | .1 | .7 | .5 | 1.7 | 4.0 | 1.2 | .3 | | | | | | 65 | 65 | 3 | |
| [illegible] | | | | | .1 | .3 | .1 | 1.3 | 2.2 | 2.3 | .5 | | | | | | | 51 | 51 | | |
| 60/ 55 | | | .1 | | .3 | .3 | .3 | 2.6 | 1.6 | 2.4 | | | | | | | | 56 | 56 | 3 | |
| [illegible] | | | .1 | .1 | .1 | .3 | 1.3 | 2.0 | 1.5 | .9 | | | | | | | | 52 | 52 | 6 | |
| [illegible] | | | | | .1 | .7 | 1.9 | .4 | 1.2 | .3 | | | | | | | | 34 | 34 | 30 | |
| [illegible] | | | | | .7 | 1.2 | .1 | 1.2 | 1.3 | .3 | | | | | | | | 36 | 36 | 45 | |
| 48/ 47 | | | | .1 | .9 | .4 | .5 | .4 | .7 | | | | | | | | | 23 | 23 | 106 | 3 |
| 46/ 45 | | | .3 | .3 | .8 | .1 | .1 | .3 | .1 | | | | | | | | | 15 | 15 | 119 | 1 |
| 44/ 43 | | | .3 | .8 | .1 | | .4 | .3 | | | | | | | | | | 14 | 14 | 114 | 5 |
| 42/ 41 | | | | .7 | | | | | | | | | | | | | | 5 | 5 | 123 | 4 |
| 40/ 39 | | .1 | .3 | | | .3 | | | | | | | | | | | | 5 | 5 | 73 | 5 |
| [illegible] | | | | | .1 | .1 | .1 | | | | | | | | | | | 3 | 3 | 41 | 14 |
| [illegible] | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 27 | 13 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 15 | 23 |
| [illegible] | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 11 | 35 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 5 | 48 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 2 | 54 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 1 | 57 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 60 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 76 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 82 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 83 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | MAR (MONTH)

PAGE 2 | 1600-2000 (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 |
| 1./ 15 | | | | | | | | | | | | | | | | | | | | | 45 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 46 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 31 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 29 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 14 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 15 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 11 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 5 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 7 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | | .1 | 1.1 | 2.3 | 3.6 | 4.4 | 5.8 | 9.5 | 13.3 | 15.3 | 12.0 | 13.0 | 10.3 | 5.4 | 3.1 | .5 | .1 | 744 | 744 | 744 | 744 |

| 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. | 334208 | 18232 | 24.5 | 13.600 | 744 | | | | | | | |
| Dry Bulb | 2809144 | 45222 | 60.8 | 9.020 | 744 | | .1 | 26.5 | 9.5 | .3 | | 93 |
| Wet Bulb | 1408504 | 32170 | 43.2 | 4.894 | 744 | | 2.4 | | | | | 93 |
| Dew Point | 394046 | 15796 | 21.2 | 8.887 | 744 | 1.4 | 24.5 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 | 23GS AAF TX (EL PASO) | 73-80 | MAR
STATION | STATION NAME | YEARS | 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 |
| 81/ 79 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 79/ 77 | | | | | | | | | | | | .4 | | | | | | 3 | 3 | | |
| 77/ 75 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 75/ 73 | | | | | | | | | | | | .1 | .4 | .1 | .1 | | | 6 | 6 | | |
| 73/ 71 | | | | | | | | | | | .1 | | .5 | .4 | | | | 8 | 8 | | |
| 71/ 69 | | | | | | | | | .4 | | .8 | .3 | .9 | .3 | | | | 20 | 20 | | |
| 69/ 67 | | | | | | | | | | .7 | .3 | 2.0 | .5 | | | | | 23 | 23 | | |
| 67/ 65 | | | | | | | | | .1 | .3 | 2.8 | 1.6 | .4 | | | | | 39 | 39 | | |
| 65/ 63 | | | | | | | | .3 | .3 | 1.5 | 1.9 | .7 | .1 | | | | | 35 | 35 | | |
| 63/ 61 | | | | | | | .1 | .4 | .8 | 1.6 | 2.0 | | | | | | | 37 | 37 | | |
| 61/ 59 | | | | | | | .5 | .8 | 2.6 | 1.1 | .8 | .1 | | | | | | 44 | 44 | | |
| 59/ 57 | | | | | .6 | .6 | .6 | 1.7 | 2.8 | 1.6 | .6 | | | | | | | 62 | 62 | 1 | |
| 57/ 55 | | | | | .3 | .6 | .9 | 3.6 | 1.9 | 1.1 | .1 | | | | | | | 62 | 62 | 3 | |
| 55/ 53 | | | .1 | .1 | .1 | .7 | 1.1 | 2.2 | 1.3 | 1.3 | | | | | | | | 52 | 52 | 2 | |
| 53/ 51 | | .1 | .1 | .4 | .7 | 1.2 | 2.6 | 3.0 | 2.2 | .5 | | | | | | | | 80 | 80 | 4 | |
| 51/ 49 | | | .1 | .1 | .5 | 1.6 | 2.2 | 1.3 | 1.3 | | | | | | | | | 54 | 54 | 31 | |
| 49/ 47 | | | | .1 | 1.7 | 2.3 | 2.0 | 1.3 | .4 | | | | | | | | | 59 | 59 | 32 | 2 |
| 47/ 45 | | | .1 | 1.1 | 1.2 | 1.1 | 1.6 | 2.3 | .1 | | | | | | | | | 56 | 56 | 99 | 2 |
| 45/ 43 | | | .8 | 1.1 | .8 | 1.1 | .5 | .4 | | | | | | | | | | 35 | 35 | 77 | 5 |
| 43/ 41 | | | .1 | .5 | .5 | .5 | .7 | .5 | | | | | | | | | | 22 | 22 | 95 | 11 |
| 41/ 39 | | .4 | .3 | .8 | .4 | .7 | .8 | | | | | | | | | | | 25 | 25 | 123 | 5 |
| 39/ 37 | | .1 | | | | .4 | .3 | | | | | | | | | | | 6 | 6 | 84 | 15 |
| 37/ 35 | | | .4 | | .3 | .4 | .1 | | | | | | | | | | | 9 | 9 | 70 | 18 |
| 35/ 33 | | | | | .3 | | | | | | | | | | | | | 2 | 2 | 48 | 20 |
| 33/ 31 | | | | | | | | | | | | | | | | | | | | 28 | 45 |
| 31/ 29 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 15 | 52 |
| 29/ 27 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 13 | 55 |
| 27/ 25 | | | | | | | | | | | | | | | | | | | | 6 | 51 |
| 25/ 23 | | | | | | | | | | | | | | | | | | | | 1 | 45 |
| 23/ 21 | | | | | | | | | | | | | | | | | | | | | 82 |
| 21/ 19 | | | | | | | | | | | | | | | | | | | | | 68 |
| 19/ 17 | | | | | | | | | | | | | | | | | | | | | 42 |
| 17/ 15 | | | | | | | | | | | | | | | | | | | | | 32 |
| 15/ 13 | | | | | | | | | | | | | | | | | | | | | 28 |

| Element (X) | $\Sigma x_i$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) — 23065 AAF TX (EL PASO) (STATION NAME) — 73-80 (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 | | | | | | | | | | | | | | | | | | | | | 34 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 34 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 29 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 13 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 8 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 12 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | | .7 | 2.4 | 4.4 | 7.4 | 11.2 | 14.9 | 17.7 | 14.2 | 9.3 | 9.4 | 5.2 | 2.0 | .9 | .3 | | | | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | |

| 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. | 916574 | 23532 | 31.6 | 15.227 | 744 | | | | | | | |
| Dry Bulb | 2214771 | 40063 | 53.3 | 8.794 | 744 | | .4 | 7.8 | 1.4 | | | 93 |
| Wet Bulb | 1217218 | 29816 | 40.1 | 5.483 | 744 | | 8.1 | | | | | 23 |
| Dew Point | 418025 | 16229 | 21.8 | 9.282 | 744 | .9 | 83.3 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 — STATION
...IGGS AAF TX (EL PASO) — STATION NAME
73-80 — YEARS
MAR — 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 | | | | | |
| 87/ 87 | | | | | | | | | | | | | | .0 | .0 | | | | 3 | 3 | | |
| 85/ 85 | | | | | | | | | | | | | .0 | .0 | | | | | 2 | 2 | | |
| 83/ 83 | | | | | | | | | | | | | .0 | | .0 | .2 | .1 | | 19 | 19 | | |
| 81/ 81 | | | | | | | | | | | | .2 | | .1 | .1 | .2 | .1 | | 28 | 28 | | |
| 79/ 79 | | | | | | | | | | | .0 | | .1 | .3 | .4 | .2 | .1 | | 69 | 69 | | |
| 77/ 77 | | | | | | | | | | | | .1 | .2 | .4 | .6 | .2 | | | 91 | 91 | | |
| 75/ 75 | | | | | | | | | | .0 | .0 | .2 | .5 | .8 | .7 | .1 | | | 138 | 138 | | |
| 73/ 73 | | | | | | | | | | | .1 | .3 | 1.1 | 1.0 | .2 | | | | 162 | 162 | | |
| 71/ 71 | | | | | | | | .0 | .0 | .1 | .2 | .4 | 1.3 | .9 | .2 | | | | 180 | 180 | | |
| 69/ 69 | | | | | | | | | .1 | .2 | .5 | 1.0 | 1.4 | .5 | .0 | | | | 218 | 218 | | |
| 67/ 67 | | | | | | | | .1 | .1 | .4 | 1.1 | 2.1 | .6 | .1 | | | | | 262 | 262 | | |
| 66/ 65 | | | | | | .1 | .0 | .1 | .2 | .9 | 1.8 | 1.8 | .4 | .0 | | | | | 314 | 315 | | |
| 64/ 63 | | | | | | .0 | .1 | .2 | .5 | 1.3 | 1.8 | .7 | .1 | | | | | | 283 | 283 | | |
| 62/ 61 | | | | | .0 | .1 | .1 | .3 | 1.4 | 1.5 | 1.2 | .3 | .1 | | | | | | 293 | 293 | 3 | |
| 60/ 59 | | | .0 | .0 | .0 | .2 | .3 | .8 | 1.5 | 1.6 | 1.0 | .1 | | | | | | | 331 | 331 | 7 | |
| 58/ 57 | | | | .0 | .2 | .2 | .4 | 1.7 | 1.7 | 1.3 | .4 | .0 | | | | | | | 353 | 353 | 3 | |
| 56/ 55 | | .1 | .1 | .1 | .2 | .5 | .9 | 2.1 | 1.3 | 1.1 | .0 | | | | | | | | 380 | 380 | 41 | |
| 54/ 53 | | .0 | .2 | .2 | .4 | .7 | 1.2 | 1.6 | 1.1 | .6 | .0 | | | | | | | | 352 | 352 | 95 | 1 |
| 52/ 51 | | .1 | .1 | .1 | .6 | 1.0 | 1.9 | 1.2 | 1.0 | .3 | | | | | | | | | 379 | 379 | 185 | 9 |
| 50/ 49 | | .1 | .1 | .2 | .9 | 1.2 | 1.4 | 1.1 | .9 | .0 | | | | | | | | | 351 | 351 | 379 | 4 |
| 48/ 47 | | .1 | .2 | .3 | 1.1 | 1.4 | 1.2 | .8 | .3 | | | | | | | | | | 316 | 316 | 531 | 27 |
| 46/ 45 | | .1 | .1 | .6 | 1.2 | 1.2 | .9 | .8 | .1 | | | | | | | | | | 295 | 295 | 695 | 23 |
| 44/ 43 | | .1 | .3 | .8 | 1.1 | .9 | .6 | .3 | | | | | | | | | | | 242 | 242 | 714 | 48 |
| 42/ 41 | | .1 | .4 | 1.0 | .9 | .7 | .6 | .2 | | | | | | | | | | | 236 | 236 | 677 | 54 |
| 40/ 39 | .3 | .2 | .5 | .8 | .7 | .6 | .3 | | | | | | | | | | | | 189 | 189 | 651 | 47 |
| 38/ 37 | .2 | .1 | .6 | .6 | .5 | .5 | .2 | | | | | | | | | | | | 152 | 152 | 537 | 121 |
| 36/ 35 | .0 | .1 | .4 | .4 | .4 | .3 | .1 | | | | | | | | | | | | 100 | 100 | 426 | 150 |
| 34/ 33 | | .3 | .2 | .3 | .2 | .3 | | | | | | | | | | | | | 76 | 76 | 342 | 189 |
| 32/ 31 | .3 | .2 | .1 | .2 | .2 | .2 | | | | | | | | | | | | | 56 | 56 | 261 | 375 |
| 30/ 29 | | .1 | .1 | .2 | .2 | .1 | | | | | | | | | | | | | 34 | 34 | 152 | 468 |
| 28/ 27 | | .0 | .1 | .2 | .1 | .0 | | | | | | | | | | | | | 19 | 19 | 99 | 571 |
| 26/ 25 | | | .1 | .1 | .3 | | | | | | | | | | | | | | 12 | 12 | 54 | 525 |
| 24/ 23 | | | .0 | .1 | | | | | | | | | | | | | | | 5 | 5 | 44 | 462 |
| 22/ 21 | | .0 | .1 | .0 | | | | | | | | | | | | | | | 7 | 7 | 30 | 524 |

| 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 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 | 1966 AAF TX (EL PASO) | 73-80 | 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 |
| 20/ 19 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 15 | 539 |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 9 | 397 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 297 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 278 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 199 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 222 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 133 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 111 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 72 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 63 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 33 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 6 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 3 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 1.7 | 3.6 | 6.1 | 8.9 | 10.0 | 10.2 | 11.2 | 10.3 | 9.4 | 8.0 | 7.1 | 5.9 | 3.9 | 2.4 | .9 | .3 | | 5951 | | 5950 |
| | | | | | | | | | | | | | | | | | | 5950 | | 5950 | |

| 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. | 7952148 | 196614 | 32.0 | 17.614 | 5950 | | | | | | | |
| Dry Bulb | 19175358 | 330270 | 55.5 | 11.927 | 5951 | | 17.0 | 146.5 | 64.0 | 10.8 | | 744 |
| Wet Bulb | 10259117 | 243823 | 41.0 | 6.707 | 5950 | | 63.0 | | | | | 744 |
| Dew Point | 3512432 | 133944 | 22.5 | 9.141 | 5950 | 5.6 | 66.8 | | | | | 744 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | APR 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 |
| 79/ 77 | | | | | | | | | | | | | | .1 | .1 | | | 2 | 2 | | |
| 78/ 75 | | | | | | | | | .1 | | .1 | | 1.1 | .4 | .1 | | | 14 | 14 | | |
| 76/ 73 | | | | | | | | | | .1 | .4 | | .6 | .4 | | | | 11 | 11 | | |
| 74/ 71 | | | | | | | .3 | | .4 | .1 | .4 | 1.0 | 1.0 | | | | | 23 | 23 | | |
| 72/ 69 | | | | | | | | | .1 | .4 | .6 | 2.5 | 1.1 | | | | | 34 | 34 | | |
| 68/ 67 | | | | | | | | | | .7 | 1.5 | 1.8 | .3 | | | | | 31 | 31 | | |
| 66/ 65 | | | | | | .1 | .3 | .3 | .6 | .7 | 1.7 | 1.3 | .1 | | | | | 36 | 36 | | |
| 64/ 63 | | | | .1 | | .3 | .6 | .7 | 1.0 | 1.4 | 1.7 | .7 | | | | | | 46 | 46 | | |
| 62/ 61 | | | | .1 | .3 | .4 | 1.0 | .4 | 1.1 | 2.2 | .6 | .3 | | | | | | 48 | 48 | | |
| 60/ 59 | | | | | .1 | .3 | .3 | .7 | 1.7 | 1.4 | 1.1 | | | | | | | 37 | 37 | 1 | |
| 58/ 57 | | | | .7 | 1.0 | .4 | .3 | .8 | 2.6 | 1.8 | | | | | | | | 55 | 55 | 3 | |
| 56/ 55 | | .1 | .4 | .4 | .1 | 1.1 | .8 | 2.4 | 1.8 | 1.0 | | | | | | | | 59 | 59 | 6 | |
| 54/ 53 | | .1 | .7 | .3 | .4 | 1.4 | 1.0 | 2.8 | 1.5 | .8 | | | | | | | | 65 | 65 | 15 | 3 |
| 52/ 51 | | | | | .1 | 1.1 | 1.9 | 1.6 | .9 | .1 | | | | | | | | 44 | 44 | 4 | 1 |
| 50/ 49 | | | | .1 | .4 | 1.1 | 1.8 | 1.4 | .7 | .3 | | | | | | | | 42 | 42 | 62 | 6 |
| 48/ 47 | | .1 | .3 | .6 | .3 | 1.7 | 1.9 | 1.0 | .3 | | | | | | | | | 44 | 44 | 70 | 15 |
| 46/ 45 | | | .3 | 1.3 | .6 | 1.1 | 1.5 | 1.4 | | | | | | | | | | 44 | 44 | 63 | 13 |
| 44/ 43 | | | | .3 | | 1.8 | 1.4 | | | | | | | | | | | 25 | 25 | 72 | 9 |
| 42/ 41 | | | | .4 | 1.1 | .6 | .4 | .1 | | | | | | | | | | 19 | 19 | 88 | 15 |
| 40/ 39 | | | .3 | | .8 | .3 | .1 | .1 | | | | | | | | | | 12 | 12 | 87 | 15 |
| 38/ 37 | | | | .1 | .4 | .6 | .1 | | | | | | | | | | | 9 | 9 | 57 | 12 |
| 36/ 35 | | | .3 | .1 | 1.3 | | .1 | | | | | | | | | | | 13 | 13 | 47 | 25 |
| 34/ 33 | | .1 | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 43 | 25 |
| 32/ 31 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 32 | 39 |
| 30/ 29 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 11 | 36 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 14 | 62 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 77 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 1 | 45 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 74 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 73 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 44 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 30 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 39 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 24 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

23044 STATION | 23065 AAF TX (EL PASO) STATION NAME | 73-80 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 |
| 11 / 9 | | | | | | | | | | | | | | | | | | | | | 12 |
| 6 / 7 | | | | | | | | | | | | | | | | | | | | | 13 |
| 0 / 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 4 |
| -2 / 1 | | | | | | | | | | | | | | | | | | | | | 5 |
| -7 / -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -27 / -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .1 | 2.6 | 4.7 | 7.9 | 12.2 | 13.9 | 14.0 | 12.4 | 11.1 | 8.3 | 7.5 | 4.2 | 1.3 | .3 | | | | 719 | | 719 |
| | | | | | | | | | | | | | | | | | | 719 | | 719 | |

| 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. | 9677?1 | 23805 | 33.1 | 15.815 | 719 | | | | | | | |
| Dry Bulb | 2320527 | 40249 | 56.0 | 9.690 | 719 | | .3 | 14.4 | 3.4 | | | 90 |
| Wet Bulb | 1302291 | 30239 | 42.1 | 6.556 | 719 | | 7.4 | | | | | 93 |
| Dew Point | 516819 | 17859 | 24.8 | 10.099 | 719 | .4 | 72.4 | | | | | 95 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) | WIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | APR (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 | | | | |
| 76/ 75 | | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 74/ 73 | | | | | | | | | | | | .3 | .3 | .4 | | | | | 7 | 7 | | |
| 72/ 71 | | | | | | | | | | | | .3 | .4 | | | | | | 5 | 5 | | |
| 70/ 69 | | | | | | .1 | | .1 | | | .3 | 1.4 | .1 | | | | | | 15 | 15 | | |
| 68/ 67 | | | | | | .1 | | .1 | | .4 | .9 | .4 | | | | | | | 14 | 14 | | |
| 66/ 65 | | | | | | | | .1 | | .6 | 1.4 | .1 | | | | | | | 16 | 16 | | |
| 64/ 63 | | | | | .1 | | .7 | .4 | .6 | 1.5 | 1.4 | .3 | | | | | | | 36 | 36 | | |
| 62/ 61 | | | | | | .6 | .4 | .3 | 1.4 | .7 | .8 | | | | | | | | 30 | 30 | | |
| 60/ 59 | | | | .3 | .3 | 1.3 | .3 | 1.0 | 1.4 | .5 | .7 | | | | | | | | 45 | 45 | 2 | |
| 58/ 57 | | | | .6 | .8 | .1 | .4 | 2.1 | 1.0 | 1.5 | | | | | | | | | 47 | 47 | 1 | |
| 56/ 55 | | | 1.0 | .4 | .6 | .8 | 1.0 | 2.1 | 1.5 | .4 | | | | | | | | | 56 | 56 | 1 | |
| 54/ 53 | | .3 | .6 | .3 | .6 | 1.1 | 1.7 | 3.6 | 1.0 | .1 | | | | | | | | | 66 | 66 | 6 | 1 |
| 52/ 51 | | .3 | .3 | .3 | .8 | 1.1 | 2.4 | 1.5 | .8 | .1 | | | | | | | | | 55 | 55 | 41 | 4 |
| 50/ 49 | | .4 | .3 | .3 | .3 | 1.5 | 3.1 | 1.9 | .3 | | | | | | | | | | 58 | 58 | 34 | 6 |
| 48/ 47 | .1 | .1 | .3 | .1 | .7 | 1.5 | 2.1 | 1.0 | .1 | | | | | | | | | | 44 | 44 | 52 | 13 |
| 46/ 45 | | | .3 | 1.3 | 1.4 | 2.1 | 1.5 | .8 | | | | | | | | | | | 53 | 53 | 70 | 22 |
| 44/ 43 | | | .6 | 1.3 | .6 | 1.0 | 1. | .3 | | | | | | | | | | | 33 | 33 | 60 | 18 |
| 42/ 41 | | .1 | .4 | .3 | .6 | 1.9 | .3 | .1 | | | | | | | | | | | 29 | 29 | 66 | 18 |
| 40/ 39 | | .1 | .8 | .6 | 1.1 | 1.8 | .4 | | | | | | | | | | | | 35 | 35 | 94 | 9 |
| 38/ 37 | | .4 | .6 | | 1.4 | .6 | .7 | | | | | | | | | | | | 28 | 28 | 76 | 17 |
| 36/ 35 | | .1 | .3 | 1.1 | .9 | .3 | .1 | | | | | | | | | | | | 20 | 20 | 59 | 22 |
| 34/ 33 | | | | .7 | .8 | .3 | | | | | | | | | | | | | 13 | 13 | 38 | 29 |
| 32/ 31 | | .4 | | .1 | .6 | .1 | | | | | | | | | | | | | 9 | 9 | 39 | 43 |
| 30/ 29 | .1 | | .1 | .1 | | | | | | | | | | | | | | | 3 | 3 | 39 | 37 |
| 28/ 27 | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 17 | 72 |
| 26/ 25 | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 14 | 64 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 7 | 40 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 | 66 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 66 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 51 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 32 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 35 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 19 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 16 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 ...44 STATION | ...GS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | APR MONTH

PAGE 7 | 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 |
| .../ 7 | | | | | | | | | | | | | | | | | | | | | 7 |
| 9/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 9 |
| ../ 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| ../ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | .3 | 2.4 | 5.7 | 7.4 | 12.2 | 16.7 | 16.3 | 15.6 | 8.1 | 6.0 | 5.4 | 2.8 | 1.0 | .4 | | | | 720 | 720 | | 720 |

| 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. | 1361629 | 28651 | 39.8 | 17.553 | 720 | | | | | | | |
| Dry Bulb | 1963688 | 36968 | 51.3 | 9.551 | 720 | | 1.8 | 5.3 | 1.. | | | 90 |
| Wet Bulb | 1185896 | 28784 | 40.0 | 6.994 | 720 | | 14.8 | | | | | 90 |
| Dew Point | 542621 | 18327 | 25.5 | 10.289 | 720 | .5 | 79.5 | | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
CAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | JOPS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | APR 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 | | | | | |
| 76/ 75 | | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| 74/ 73 | | | | | | | .1 | | | | | .1 | .3 | | | | | | 4 | 4 | | |
| 72/ 71 | | | | | | | | .1 | | | .3 | .4 | .4 | | | | | | 9 | 9 | | |
| 70/ 69 | | | | | | | | .1 | .3 | .3 | .6 | 1.0 | .3 | | | | | | 16 | 18 | | |
| 68/ 67 | | | | | | .1 | .3 | | .3 | .3 | 1.1 | .7 | .1 | | | | | | 21 | 21 | | |
| 66/ 65 | | | | | .1 | .3 | .3 | .8 | .6 | 1.3 | .7 | .4 | | | | | | | 30 | 30 | | |
| 64/ 63 | | | | .3 | .1 | .4 | .1 | .7 | 1.5 | 1.7 | 1.1 | .3 | | | | | | | 45 | 45 | | |
| 62/ 61 | | | | .1 | .7 | .4 | .1 | | 1.1 | 1.4 | 1.0 | .1 | | | | | | | 36 | 36 | 1 | |
| 60/ 59 | | | .1 | .8 | .5 | .4 | .6 | 1.1 | 2.9 | 1.7 | .8 | .1 | | | | | | | 66 | 66 | 1 | |
| 58/ 57 | | | .6 | .3 | .7 | .6 | .7 | 2.9 | 1.3 | 1.0 | .3 | | | | | | | | 59 | 59 | 6 | |
| 56/ 55 | | .1 | .5 | .1 | .8 | .6 | .7 | 1.7 | 2.6 | .6 | | | | | | | | | 56 | 58 | 9 | 2 |
| 54/ 53 | | | .4 | .1 | .3 | .8 | 2.1 | 2.4 | 1.0 | .3 | | | | | | | | | 53 | 53 | 23 | 3 |
| 52/ 51 | | .1 | .1 | .6 | .1 | 1.5 | 2.2 | 1.5 | .4 | | | | | | | | | | 48 | 48 | 34 | 11 |
| 50/ 49 | | .3 | .4 | .3 | 1.1 | .8 | 2.2 | 1.5 | .4 | | | | | | | | | | 51 | 51 | 33 | 11 |
| 48/ 47 | | .3 | .1 | .1 | .7 | 1.0 | 1.9 | .4 | | | | | | | | | | | 33 | 33 | 63 | 15 |
| 46/ 45 | | .1 | .1 | .7 | 1.9 | 2.1 | 1.4 | 1.1 | .3 | | | | | | | | | | 53 | 53 | 66 | 14 |
| 44/ 43 | .1 | | .3 | .8 | .7 | 1.1 | .8 | .1 | | | | | | | | | | | 29 | 29 | 80 | 15 |
| 42/ 41 | | | .6 | .7 | .8 | 1.9 | .3 | | | | | | | | | | | | 31 | 31 | 86 | 10 |
| 40/ 39 | | | .6 | .9 | .7 | 1.1 | .3 | | | | | | | | | | | | 25 | 25 | 76 | 17 |
| 38/ 37 | | .1 | .3 | .6 | .8 | .4 | .1 | | | | | | | | | | | | 14 | 14 | 61 | 20 |
| 36/ 35 | | | .3 | .7 | .8 | .4 | | | | | | | | | | | | | 16 | 16 | 56 | 16 |
| 34/ 33 | .4 | .3 | | .3 | .7 | | | | | | | | | | | | | | 12 | 12 | 47 | 22 |
| 32/ 31 | | | | .3 | .1 | | | | | | | | | | | | | | 3 | 3 | 35 | 66 |
| 30/ 29 | .1 | | | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 17 | 47 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 17 | 73 |
| 26/ 25 | | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 64 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 | 33 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 | 66 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 70 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 46 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 34 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 23 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 17 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 8 |

| 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 | ≥ 92 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

...GG STATION | ...IGGS AAF TX (EL PASO) STATION NAME | 73-82 YEARS | APR MONTH

PAGE 2 | 0600-0900 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / 7 | | | | | | | | | | | | | | | | | | | | | 6 |
| ../ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| ../ 3 | | | | | | | | | | | | | | | | | | | | | 4 |
| ../ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| TAL | .7 | 1.4 | 5.0 | 7.8 | 11.3 | 14.0 | 14.3 | 14.3 | 12.6 | 8.3 | 6.6 | 3.3 | 1.1 | | | | | 720 | 720 | | 720 |
| | | | | | | | | | | | | | | | | | | 720 | | 720 | |

| 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. | 1311511 | 24073 | 39.0 | 17.370 | 720 | | | | | | | |
| Dry Bulb | 2105714 | 38334 | 53.2 | 9.490 | 720 | | 1.0 | 6.6 | .6 | | | 90 |
| Wet Bulb | 1264961 | 24761 | 41.3 | 6.957 | 720 | | 9.8 | | | | | 90 |
| Dew Point | 586805 | 14189 | 26.7 | 10.240 | 720 | | 70.5 | | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...NAL CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23 44 | 23065 AAF TX (EL PASO) | 73-80 | APR

STATION | STATION NAME | YEARS | 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 |
| 97/ 87 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 85/ 85 | | | | | | | | | | | | .1 | | | .1 | | | 2 | 2 | | |
| 87/ 83 | | | | | | | | | | | | | | .1 | .3 | | .1 | 4 | 4 | | |
| 85/ 81 | | | | | | | | | | | .3 | | .1 | .3 | .4 | .6 | | 12 | 12 | | |
| 81/ 79 | | | | | | | | | | .1 | .1 | | .4 | 1.0 | .8 | .1 | | 19 | 19 | | |
| 79/ 77 | | | | | | | | | .3 | | .1 | .7 | 1.5 | 1.4 | 1.1 | | | 37 | 37 | | |
| 77/ 75 | | | | | | | | | .4 | .1 | .3 | 1.9 | 2.5 | 2.1 | .6 | | | 57 | 57 | | |
| 75/ 73 | | | | | | | | .3 | .3 | .4 | 1.1 | 1.4 | 2.2 | 1.5 | .1 | | | 53 | 53 | | |
| 73/ 71 | | | | | | | .3 | .7 | .3 | .4 | 1.4 | 2.5 | 3.2 | .8 | | | | 59 | 59 | | |
| 71/ 69 | | | | | .1 | .3 | .4 | .1 | .6 | .6 | 2.4 | 2.8 | 2.1 | | | | | 67 | 67 | | |
| 69/ 67 | | | | | | .3 | .3 | .3 | .4 | 1.0 | 2.4 | 2.5 | .8 | | | | | 60 | 60 | | |
| 67/ 65 | | | | | | .3 | .4 | .6 | .6 | 1.4 | 2.4 | 2.4 | | | | | | 57 | 57 | | |
| 65/ 63 | | | | | .1 | .3 | .3 | .3 | .7 | 2.4 | 2.5 | .4 | .1 | | | | | 51 | 51 | 3 | |
| 63/ 61 | | | | .3 | | | .1 | .3 | 1.3 | 2.1 | 1.5 | | | | | | | 46 | 46 | 7 | |
| 61/ 59 | | | | .1 | .3 | | .6 | .4 | 1.1 | 2.2 | .7 | | | | | | | 39 | 39 | 12 | |
| 59/ 57 | | | | | | .3 | .4 | 1.0 | 1.1 | 1.0 | .1 | | | | | | | 28 | 28 | 17 | |
| 57/ 55 | | | .1 | | | .3 | 1.0 | .8 | 1.0 | .7 | | | | | | | | 28 | 29 | 41 | 2 |
| 55/ 53 | | | | .1 | .1 | .3 | .4 | .3 | .8 | .3 | | | | | | | | 21 | 21 | 57 | 3 |
| 53/ 51 | | | .1 | .1 | .3 | .4 | .6 | 1.0 | .7 | | | | | | | | | 23 | 23 | 64 | 12 |
| 51/ 49 | | | .1 | | | .1 | .3 | .6 | .6 | | | | | | | | | 12 | 12 | 01 | 15 |
| 49/ 47 | | .1 | | .1 | | .4 | .6 | | | | | | | | | | | 9 | 9 | 105 | 9 |
| 49/ 45 | | .3 | | | .3 | | .7 | .1 | | | | | | | | | | 10 | 10 | 94 | 10 |
| 47/ 43 | | | | .3 | .3 | .3 | .1 | | | | | | | | | | | 7 | 7 | 69 | 9 |
| 43/ 41 | | | | .1 | | .1 | | | | | | | | | | | | 2 | 2 | 51 | 10 |
| 41/ 39 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 34 | 19 |
| 39/ 37 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 25 | 31 |
| 37/ 35 | | | | | | | | | | | | | | | | | | | | 16 | 30 |
| 34/ 33 | .1 | .3 | | | | | | | | | | | | | | | | 3 | 3 | 10 | 33 |
| 33/ 31 | | | | | | | | | | | | | | | | | | | | 2 | 71 |
| 31/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 57 |
| 29/ 27 | | | | | | | | | | | | | | | | | | | | | 63 |
| 27/ 25 | | | | | | | | | | | | | | | | | | | | | 69 |
| 25/ 23 | | | | | | | | | | | | | | | | | | | | | 48 |
| 23/ 21 | | | | | | | | | | | | | | | | | | | | | 62 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AFETAC
...ATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2...44 (STATION) | ...CGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | APR (MONTH)

PAGE 2 | 0600-1100 (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 |
| ../ 19 | | | | | | | | | | | | | | | | | | | | | 58 |
| 1 / 17 | | | | | | | | | | | | | | | | | | | | | 62 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 23 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 19 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 8 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 6 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ -1 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .1 | .7 | .4 | 1.2 | 1.6 | 3.3 | 6.4 | 7.5 | 10.6 | 12.7 | 15.6 | 14.9 | 13.2 | 7.2 | 3.5 | .7 | .1 | 719 | 719 | 719 | 719 |

| 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. | 607119 | 18976 | 25.8 | 13.310 | 719 | | | | | | | |
| Dry Bulb | 3191266 | 47444 | 66.7 | 9.189 | 719 | | | 47.7 | 23.2 | 3.6 | | 90 |
| Wet Bulb | 1644659 | 34127 | 47.5 | 5.881 | 719 | | .4 | | | | | 90 |
| Dew Point | 609903 | 19803 | 27.5 | 9.477 | 719 | .1 | 68.3 | | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...TAL CLIMATOLOGY ...ARCH
...ETAC
...WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

44 | 3935 AAF TX (EL PASO) | 72-80 | APR
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 97 / 93 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 95 / 91 | | | | | | | | | | | | | | .1 | | .3 | | 3 | 3 | | |
| 93 / 89 | | | | | | | | | | | | | | | | .4 | .4 | 6 | 6 | | |
| 91 / 87 | | | | | | | | | | | | | .4 | .1 | .1 | .6 | 2.2 | 25 | 25 | | |
| 89 / 85 | | | | | | | | | | | | | | | .7 | 1.7 | 2.2 | 33 | 33 | | |
| 87 / 83 | | | | | | | | | | | | .1 | .1 | .4 | 2.9 | 1.6 | 1.9 | 51 | 51 | | |
| 85 / 81 | | | | | | | | | | | | .3 | .3 | 1.6 | 4.4 | 1.9 | .7 | 66 | 66 | | |
| 83 / 79 | | | | | | | | | | | .7 | .6 | 1.3 | 3.3 | 2.4 | 1.9 | .3 | 78 | 78 | | |
| 81 / 77 | | | | | | | | | | .6 | .3 | .6 | 1.3 | 3.6 | 3.2 | 1.1 | | 77 | 77 | | |
| 79 / 75 | | | | | | | | | | .6 | .6 | .7 | 1.5 | 3.1 | 2.4 | .1 | | 64 | 64 | | |
| 77 / 73 | | | | | | | | | .7 | .4 | .3 | 1.0 | 2.4 | 2.2 | .1 | | | 48 | 48 | | |
| 75 / 71 | | | | | | | | | .1 | .1 | 1.0 | 1.1 | 2.5 | 1.3 | .3 | | | 46 | 46 | | |
| 73 / 69 | | | | | | | | | .1 | .3 | 1.3 | 1.4 | 1.9 | .4 | | | | 39 | 39 | | |
| 71 / 67 | | | | | | | .1 | .1 | | .6 | 1.0 | 2.1 | .4 | | | | | 31 | 31 | | |
| 69 / 65 | | | | | | | .1 | | .1 | 1.1 | 1.7 | 1.8 | .1 | | | | | 36 | 36 | 2 | |
| 67 / 63 | | | | | | | | | .7 | 1.0 | 2.1 | .6 | | | | | | 31 | 31 | 6 | |
| 65 / 61 | | | | | .1 | | .1 | .3 | .1 | .6 | .6 | .1 | | | | | | 14 | 14 | 2 | |
| 63 / 59 | | | | | | | | .1 | .3 | .7 | .7 | .1 | | | | | | 14 | 14 | 18 | |
| 61 / 57 | | | | | | | .1 | .6 | .1 | 1.0 | | | | | | | | 13 | 13 | 36 | |
| 59 / 55 | | | .7 | .1 | .1 | | .3 | .1 | 1.3 | .4 | | | | | | | | 19 | 19 | 89 | |
| 57 / 53 | | | | | .1 | | | .4 | .7 | .3 | | | | | | | | 11 | 11 | 110 | |
| 55 / 51 | | | | .2 | | | | .1 | | | | | | | | | | 3 | 3 | 197 | 2 |
| 53 / 49 | | | | | | | .4 | .1 | | | | | | | | | | 4 | 4 | 106 | 7 |
| 51 / 47 | | .1 | | | | | .3 | | | | | | | | | | | 3 | 3 | 88 | 11 |
| 49 / 45 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 59 | 7 |
| 47 / 43 | | | | | | | | | | | | | | | | | | | | 39 | 11 |
| 45 / 41 | | | | | | | | | | | | | | | | | | | | 18 | 15 |
| 43 / 39 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | 23 | 9 |
| 41 / 37 | | | | | | | | | | | | | | | | | | | | 10 | 14 |
| 39 / 35 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 29 |
| 37 / 33 | | | | | | | | | | | | | | | | | | | | 2 | 39 |
| 35 / 31 | | | | | | | | | | | | | | | | | | | | | 74 |
| 33 / 29 | | | | | | | | | | | | | | | | | | | | | 52 |
| 31 / 27 | | | | | | | | | | | | | | | | | | | | | 60 |

| 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 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 | 1955 AAF TX (EL PASO) | 73-80 | APR
STATION | STATION NAME | YEARS | 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 |
| ≤ / 25 | | | | | | | | | | | | | | | | | | | | | | 44 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 57 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 72 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 61 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 55 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 28 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 23 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 21 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 11 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 1 |
| ≥ / 1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .3 | .6 | .4 | .4 | | 1.7 | 1.9 | 3.9 | 7.8 | 10.0 | 10.4 | 12.2 | 16.7 | 16.7 | 9.6 | 7.8 | | 720 | | 720 | |
| | | | | | | | | | | | | | | | | | | | 720 | | 720 | |

| 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. | 513774 | 13154 | 18.3 | 10.108 | 720 | | | | | | | |
| Dry Bulb | 3996763 | 53239 | 73.9 | 9.294 | 720 | | | 71.0 | 56.5 | 28.1 | .1 | 9 |
| Wet Bulb | 1840332 | 36202 | 50.3 | 5.284 | 720 | | | | | | | 90 |
| Dew Point | 536149 | 18559 | 25.8 | 8.963 | 720 | | 72.0 | | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...IMAL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 — STATION
...GS AAF TX (EL PASO) — STATION NAME
73-80 — YEARS
APR — MONTH

PAGE 1 — HOURS (L. S. T.) 1500-1700

| 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 | | | | |
| ...7/ 95 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| ...4/ 93 | | | | | | | | | | | | | | | | | .3 | 2 | 2 | | |
| ...2/ 91 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| ...1/ 89 | | | | | | | | | | | | | | | .1 | .6 | 2.2 | 21 | 21 | | |
| ...8/ 87 | | | | | | | | | | | | | | | | .8 | 4.3 | 37 | 37 | | |
| ...6/ 85 | | | | | | | | | | | | | | .1 | 1.7 | 3.1 | 4.9 | 70 | 70 | | |
| ...4/ 83 | | | | | | | | | | | | | | .6 | 2.1 | 2.6 | 2.1 | 53 | 53 | | |
| ...2/ 81 | | | | | | | | | | | | .1 | .4 | 1.3 | 2.9 | 3.9 | 2.1 | 77 | 77 | | |
| ...1/ 79 | | | | | | | | | | | | .4 | 1.0 | 3.1 | 3.8 | 2.8 | 1.3 | 88 | 88 | | |
| 7...7 | | | | | | | | | | .1 | .1 | .7 | .8 | 2.2 | 1.8 | 2.1 | .3 | 59 | 59 | | |
| ...7/ 73 | | | | | | | | | | | .3 | .8 | 1.5 | 3.2 | 2.6 | | | 61 | 61 | | |
| ...4/ 73 | | | | | | | | | | .1 | | 1.0 | 2.2 | 1.5 | .6 | | | 39 | 39 | | |
| ...2/ 71 | | | | | | | | .3 | | | .7 | .8 | 2.1 | 1.0 | | | | 35 | 35 | | |
| ...0/ 69 | | | | | | | | .1 | .3 | .3 | .8 | 1.5 | 2.4 | .7 | | | | 44 | 44 | | |
| ...7/ 67 | | | | | | | | | .1 | .3 | .8 | 1.5 | 1.0 | | | | | 27 | 27 | | |
| ...6/ 65 | | | | .1 | | | | .1 | .1 | .1 | 1.0 | 1.1 | .1 | | | | | 20 | 20 | | |
| ...4/ 63 | | | | | | | .1 | .3 | .1 | .4 | .6 | .4 | | | | | | 14 | 14 | 3 | |
| ...2/ 61 | | | | | | | | | .6 | .4 | .7 | .6 | | | | | | 16 | 16 | 3 | |
| ...0/ 59 | | | | | | | .1 | .3 | .1 | .3 | .3 | | | | | | | 8 | 8 | 12 | |
| ...8/ 57 | | .1 | | | | | | | .1 | .8 | | | | | | | | 8 | 8 | 43 | 1 |
| 56/ ... | | | | | | .1 | .1 | .6 | .7 | .7 | | | | | | | | 16 | 16 | 93 | 1 |
| ...4/ 53 | | | | | .1 | .1 | | | 1.1 | | | | | | | | | 10 | 10 | 118 | |
| ...2/ 51 | | | | .1 | .1 | .3 | | .4 | .3 | | | | | | | | | 9 | 9 | 131 | |
| ...1/ 49 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 114 | |
| ...7/ 47 | | | | | | | | | | | | | | | | | | | | 79 | 4 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 48 | 3 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 25 | 3 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 16 | 10 |
| ...0/ 39 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 17 | 15 |
| 38/ 37 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 13 | 15 |
| ...6/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 42 |
| ...2/ 31 | | | | | | | | | | | | | | | | | | | | | 50 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 59 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...GICAL CLIMATOLOGY BRANCH
...SAFETAC
A... WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2...44 | 1955 AAF TX (EL PASO) | 73-82 | FEB
STATION | STATION NAME | YEARS | 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 |
| ...77 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| ...75 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| ...73 | | | | | | | | | | | | | | | | | | | | | 57 |
| ...71 | | | | | | | | | | | | | | | | | | | | | 67 |
| ...69 | | | | | | | | | | | | | | | | | | | | | 62 |
| ...67 | | | | | | | | | | | | | | | | | | | | | 42 |
| ...65 | | | | | | | | | | | | | | | | | | | | | 61 |
| ...63 | | | | | | | | | | | | | | | | | | | | | 39 |
| ...61 | | | | | | | | | | | | | | | | | | | | | 33 |
| ...60 | | | | | | | | | | | | | | | | | | | | | 15 |
| ... | | | | | | | | | | | | | | | | | | | | | 10 |
| ... | | | | | | | | | | | | | | | | | | | | | 5 |
| ... | | | | | | | | | | | | | | | | | | | | | 2 |
| ... | | | | | | | | | | | | | | | | | | | | | 4 |
| ... | | | | | | | | | | | | | | | | | | | | | 1 |
| ... | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .1 | .3 | .4 | .4 | .6 | .4 | 7.1 | 3.9 | 3.6 | 5.3 | 9.0 | 11.5 | 13.6 | 15.6 | 16.0 | 17.9 | 720 | 720 | 720 | 720 |

| 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. | 241741 | 11405 | 15.8 | 9.220 | 720 | | | | | | | |
| Dry Bulb | 423025 | 54779 | 76.1 | 9.311 | 720 | | | 76.9 | 63.6 | 39.3 | .4 | 99 |
| Wet Bulb | 163464 | 36460 | 50.6 | 4.887 | 720 | | | | | | | 90 |
| Dew Point | 46639? | 17194 | 23.9 | 8.809 | 720 | .3 | 75.8 | | | | | 99 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...TIONAL CLIMATOLOGY BRANCH
...SAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 — STATION
BIGGS AAF TX (EL PASO) — STATION NAME
73-80 — YEARS
APR — MONTH

PAGE 1 — HOURS (L. S. T.) 1800-2000

| 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] / 91 | | | | | | | | | | | | | | | | .1 | .1 | 2 | 2 | | |
| ≥ 87 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| [illegible] / 85 | | | | | | | | | | | | | | .1 | | .7 | .8 | 12 | 12 | | |
| ≥ 83 | | | | | | | | | | | | | | | 1.1 | .8 | 1.0 | 21 | 21 | | |
| [illegible] / 81 | | | | | | | | | | | | .1 | .4 | .9 | 2.1 | 1.5 | 1.3 | 45 | 45 | | |
| [illegible] / 79 | | | | | | | | | | | .1 | .1 | .6 | 2.2 | 1.9 | 1.8 | .4 | 52 | 52 | | |
| 78 / 77 | | | | | | | | | | | .1 | .1 | .4 | 2.1 | 1.4 | 1.9 | | 44 | 44 | | |
| 76 / 75 | | | | | | | | | | .1 | .6 | .7 | 1.7 | 3.2 | 2.5 | .3 | | 65 | 65 | | |
| 74 / 73 | | | | | | | | | .3 | | .6 | 1.8 | 4.5 | 1.9 | 1.5 | | | 76 | 76 | | |
| [illegible] / 71 | | | | | | | | | | .3 | .4 | 1.1 | 2.4 | 2.9 | .3 | | | 53 | 53 | | |
| [illegible] / 69 | | | | | | | .1 | | .1 | .4 | 1.3 | 2.9 | 2.8 | .4 | | | | 58 | 58 | | |
| [illegible] / 67 | | | | | | .1 | .2 | .1 | .3 | .3 | .7 | 2.9 | 1.4 | .1 | | | | 45 | 45 | | |
| [illegible] / 65 | | | | | | | .2 | | .4 | .6 | 2.4 | 1.4 | .3 | | | | | 28 | 28 | | |
| [illegible] / 63 | | | | | | .1 | .1 | .3 | .8 | 1.3 | 1.9 | .7 | | | | | | 36 | 36 | | |
| [illegible] / 61 | | | | .1 | | .1 | | .6 | .4 | 1.4 | 1.4 | .1 | | | | | | 30 | 30 | 1 | |
| [illegible] / 59 | | | .3 | | | .1 | | 1.1 | 1.3 | 1.1 | 1.8 | | | | | | | 41 | 41 | 3 | |
| [illegible] / 57 | | | | | | .1 | .1 | .3 | 1.0 | .7 | .1 | | | | | | | 17 | 17 | 18 | |
| 56 / 55 | | | | | | .1 | .1 | .4 | 1.0 | 1.0 | | | | | | | | 19 | 19 | 38 | |
| [illegible] / 53 | | | | | | .4 | .1 | .1 | 1.3 | .3 | | | | | | | | 16 | 16 | 68 | 1 |
| [illegible] / 51 | | | | .1 | .1 | | .3 | .4 | .7 | | | | | | | | | 12 | 12 | 102 | 3 |
| [illegible] / 49 | | | | .1 | .3 | | .3 | .6 | | | | | | | | | | 9 | 9 | 114 | 1 |
| [illegible] / 47 | | | | | .1 | | .4 | .6 | | | | | | | | | | 8 | 8 | 106 | 1 |
| [illegible] / 45 | | | | .3 | | .3 | .1 | .1 | | | | | | | | | | 6 | 6 | 97 | 9 |
| [illegible] / 43 | | | .1 | .1 | | .3 | .1 | | | | | | | | | | | 5 | 5 | 57 | 5 |
| 42 / 41 | | | .1 | | | .1 | | | | | | | | | | | | 2 | 2 | 36 | 9 |
| [illegible] / 39 | | | | .3 | | | | | | | | | | | | | | 2 | 2 | 32 | 10 |
| [illegible] / 37 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 22 | 12 |
| [illegible] / 35 | | | | | | | | | | | | | | | | | | | | 14 | 21 |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | 9 | 31 |
| [illegible] / 31 | | | | | | | | | | | | | | | | | | | | 2 | 43 |
| [illegible] / 29 | | | | | | | | | | | | | | | | | | | | | 46 |
| [illegible] / 27 | | | | | | | | | | | | | | | | | | | | | 59 |
| [illegible] / 25 | | | | | | | | | | | | | | | | | | | | | 64 |
| [illegible] / 23 | | | | | | | | | | | | | | | | | | | | | 54 |

| 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 | ≥ 75 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

23144 | BIGGS AAF TX (EL PASO) | 73-80 | APR
STATION | STATION NAME | YEARS | 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 |
| 92/ 21 | | | | | | | | | | | | | | | | | | | | | | 64 |
| 90/ 19 | | | | | | | | | | | | | | | | | | | | | | 56 |
| 88/ 17 | | | | | | | | | | | | | | | | | | | | | | 51 |
| 86/ 15 | | | | | | | | | | | | | | | | | | | | | | 46 |
| 84/ 13 | | | | | | | | | | | | | | | | | | | | | | 56 |
| 82/ 11 | | | | | | | | | | | | | | | | | | | | | | 31 |
| 81/ 9 | | | | | | | | | | | | | | | | | | | | | | 27 |
| 79/ 7 | | | | | | | | | | | | | | | | | | | | | | 13 |
| 77/ 5 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 75/ 3 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 73/ -1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 72/ -3 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 70/ -5 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | | | .6 | 1.3 | .6 | 1.9 | 2.5 | 4.6 | 7.5 | 7.4 | 11.4 | 12.1 | 14.3 | 13.9 | 10.8 | 7.2 | 3.9 | | 719 | | 719 |
| | | | | | | | | | | | | | | | | | | | 719 | | 719 | |

| 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. | 3b2712 | 14072 | 19.6 | 11.027 | 719 | | | | | | | |
| Dry Bulb | 3535426 | 49930 | 69.4 | 9.739 | 719 | | | 58.5 | 39.9 | 13.8 | | 90 |
| Wet Bulb | 1955567 | 34291 | 47.7 | 5.296 | 719 | | .3 | | | | | 93 |
| Dew Point | 446542 | 16716 | 23.2 | 8.981 | 719 | .5 | 77.1 | | | | | 95 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| 23044 | 23GS AAF TX (EL PASO) | 73-80 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PAGE 1 | 0100-2300 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 |
| ≥ / 77 | | | | | | | | | | | | .1 | .1 | .8 | .6 | .1 | | 15 | 15 | | |
| 77 / 77 | | | | | | | | | | .1 | .3 | .1 | .4 | 1.0 | 1.0 | | | 21 | 21 | | |
| 76 / 75 | | | | | | | | | | | | | 1.0 | 1.4 | .9 | | | 23 | 23 | | |
| 74 / 73 | | | | | | | | | .1 | .1 | .4 | 1.1 | 1.9 | 1.4 | .1 | | | 38 | 38 | | |
| 72 / 71 | | | | | | | | | | .1 | .8 | 1.5 | 2.9 | .7 | .1 | | | 45 | 45 | | |
| 70 / 69 | | | | | | | | .3 | .4 | .1 | 1.4 | 1.1 | 1.9 | .6 | | | | 42 | 42 | | |
| 68 / 67 | | | | | | | | .3 | .6 | .6 | 1.9 | 1.9 | .7 | | | | | 43 | 43 | | |
| 66 / 65 | | | | | | .1 | .3 | .7 | .1 | 1.6 | 1.9 | 2.5 | .3 | .1 | | | | 57 | 57 | | |
| 64 / 63 | | | | | | .6 | | .4 | 1.3 | 2.5 | 1.5 | .6 | | | | | | 49 | 49 | | |
| 62 / 61 | | | | | .1 | | .7 | .6 | 1.0 | 2.4 | 1.0 | .4 | | | | | | 44 | 44 | | |
| 60 / 59 | | .1 | | .1 | .3 | .4 | .4 | 1.3 | 1.1 | 3.2 | 1.0 | .1 | | | | | | 58 | 58 | 3 | |
| 58 / 57 | | .1 | | .1 | .3 | .6 | 1.0 | 1.5 | 1.3 | 2.2 | .1 | | | | | | | 56 | 56 | 3 | 1 |
| 56 / 55 | | .0 | .1 | .3 | .1 | .3 | .7 | 1.3 | 2.9 | .8 | | | | | | | | 51 | 51 | 12 | 1 |
| 54 / 53 | | | | | .1 | .7 | 1.4 | 1.8 | 1.3 | .7 | | | | | | | | 43 | 43 | 38 | 1 |
| 52 / 51 | | | | | .4 | .6 | 1.5 | 1.4 | 1.0 | .1 | | | | | | | | 36 | 36 | 49 | 3 |
| 50 / 49 | | | .4 | .1 | .3 | .6 | .6 | 1.7 | .8 | | | | | | | | | 32 | 32 | 95 | 2 |
| 48 / 47 | | | | .3 | .1 | .1 | .7 | 1.1 | | | | | | | | | | 16 | 16 | 85 | 6 |
| 46 / 45 | | | | .1 | .1 | .8 | .8 | | | | | | | | | | | 14 | 14 | 97 | 11 |
| 44 / 43 | | | | .1 | .3 | .6 | 1.1 | | | | | | | | | | | 15 | 15 | 81 | 7 |
| 42 / 41 | | | .3 | .7 | .1 | .3 | .3 | | | | | | | | | | | 12 | 12 | 93 | 10 |
| 40 / 39 | | | | .1 | .1 | .3 | | | | | | | | | | | | 4 | 4 | 70 | 15 |
| 38 / 37 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 41 | 15 |
| 36 / 35 | | | .3 | .1 | | | | | | | | | | | | | | 3 | 3 | 32 | 21 |
| 34 / 33 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 22 | 31 |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | 15 | 47 |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | 3 | 44 |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | 1 | 61 |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | 56 |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | 46 |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | 64 |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | 90 |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | | 40 |
| 16 / 15 | | | | | | | | | | | | | | | | | | | | | 42 |
| 14 / 13 | | | | | | | | | | | | | | | | | | | | | 19 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-87 (YEARS) | APR (MONTH)

PAGE 2 | 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 |
| 120 / 110 | | | | | | | | | | | | | | | | | | | | | 38 |
| 109 / 97 | | | | | | | | | | | | | | | | | | | | | 64 |
| 96 / 87 | | | | | | | | | | | | | | | | | | | | | 6 |
| 86 / 75 | | | | | | | | | | | | | | | | | | | | | 2 |
| 74 / 63 | | | | | | | | | | | | | | | | | | | | | 1 |
| 62 / -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2 / -31 | | | | | | | | | | | | | | | | | | | | | 2 |
| -40 / -56 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .8 | 1.1 | 2.5 | 2.5 | 5.8 | 9.4 | 12.1 | 12.4 | 14.9 | 10.4 | 9.6 | 9.3 | 6.0 | 2.9 | .1 | | 720 | 720 | 720 | 720 |

| 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. | 685049 | 19667 | 27.3 | 14.339 | 720 | | | | | | | |
| Dry Bulb | 2767677 | 44103 | 61.3 | 9.594 | 720 | | | 28.4 | 12.1 | .8 | | 90 |
| Wet Bulb | 1444515 | 31977 | 44.4 | 5.818 | 720 | | 2.4 | | | | | 90 |
| Dew Point | 495132 | 17620 | 24.5 | 9.430 | 720 | .5 | 74.3 | | | | | 90 |

USAFETAC FORM 0-26.5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23744 — STATION
BIGGS AAF TX (EL PASO) — STATION NAME
73-84 — YEARS
APR — 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 |
| 96/ 95 | | | | | | | | | | | | | | | | | .0 | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | | | .0 | | .0 | 3 | 3 | | |
| 92/ 91 | | | | | | | | | | | | | | .0 | | .1 | .0 | 6 | 6 | | |
| 90/ 89 | | | | | | | | | | | | | | | .0 | .1 | .2 | 27 | 27 | | |
| 88/ 87 | | | | | | | | | | | | | .1 | .0 | .1 | .2 | .2 | 65 | 65 | | |
| 86/ 85 | | | | | | | | | | | | .0 | | .0 | .3 | .7 | 1.0 | 117 | 117 | | |
| 84/ 83 | | | | | | | | | | | | .0 | .0 | .1 | .3 | .6 | .6 | 129 | 129 | | |
| 82/ 81 | | | | | | | | | | | .0 | .1 | .2 | .5 | 1.2 | 1.0 | .5 | 200 | 200 | | |
| 80/ 79 | | | | | | | | | | .0 | .1 | .2 | .4 | 1.4 | 1.2 | .9 | .2 | 252 | 252 | | |
| 78/ 77 | | | | | | | | | .0 | .1 | .1 | .3 | .6 | 1.3 | 1.1 | .6 | .0 | 240 | 240 | | |
| 76/ 75 | | | | | | | | | .1 | .1 | .2 | .5 | 1.2 | 1.7 | 1.1 | .1 | | 286 | 286 | | |
| 74/ 73 | | | | | | | .3 | .3 | .1 | .2 | .3 | .3 | 1.8 | 1.2 | .3 | | | 276 | 276 | | |
| 72/ 71 | | | | | | | .1 | .1 | .1 | .1 | .6 | 1.1 | 1.9 | .8 | .1 | | | 285 | 285 | | |
| 70/ 69 | | | | | | .0 | .1 | .1 | .2 | .3 | 1.1 | 1.8 | 1.6 | .3 | | | | 317 | 317 | | |
| 68/ 67 | | | | | | .1 | .1 | .2 | .2 | .9 | 1.3 | 1.8 | .6 | .0 | | | | 272 | 272 | | |
| 66/ 65 | | | | .0 | .0 | .1 | .2 | .3 | .3 | .9 | 1.6 | 1.4 | .1 | .0 | | | | 290 | 290 | 2 | |
| 64/ 63 | | | | .1 | .1 | .2 | .2 | .4 | .8 | 1.5 | 1.6 | .5 | .0 | | | | | 310 | 310 | 12 | |
| 62/ 61 | | | | .1 | .2 | .2 | .3 | .3 | .9 | 1.4 | 1.0 | .2 | | | | | | 264 | 264 | 14 | |
| 60/ 59 | | .0 | .1 | .2 | .3 | .3 | .3 | .7 | 1.2 | 1.4 | .9 | .1 | | | | | | 308 | 308 | 54 | |
| 58/ 57 | | .0 | .1 | .2 | .3 | .3 | .4 | 1.1 | 1.1 | 1.3 | .1 | | | | | | | 283 | 283 | 127 | 2 |
| 56/ 55 | | .1 | .3 | .2 | .2 | .4 | .6 | 1.2 | 1.6 | .7 | | | | | | | | 306 | 306 | 289 | 6 |
| 54/ 53 | | .1 | .2 | .1 | .2 | .6 | .8 | 1.5 | 1.1 | .3 | | | | | | | | 285 | 285 | 435 | 12 |
| 52/ 51 | | .1 | .1 | .2 | .3 | .6 | 1.1 | 1.0 | .6 | .1 | | | | | | | | 230 | 230 | 592 | 33 |
| 50/ 49 | | .1 | .2 | .1 | .3 | .5 | 1.1 | 1.0 | .3 | .0 | | | | | | | | 209 | 209 | 639 | 48 |
| 48/ 47 | .1 | .1 | .1 | .2 | .2 | .6 | 1.2 | .3 | .1 | | | | | | | | | 157 | 157 | 648 | 76 |
| 46/ 45 | | .1 | .1 | .5 | .5 | .8 | .9 | .5 | .0 | | | | | | | | | 161 | 161 | 594 | 67 |
| 44/ 43 | .0 | | .1 | .3 | .2 | .6 | .6 | .1 | | | | | | | | | | 114 | 114 | 463 | 77 |
| 42/ 41 | | .0 | .2 | .3 | .4 | .6 | .2 | .2 | | | | | | | | | | 95 | 95 | 448 | 97 |
| 40/ 39 | | .0 | .3 | .2 | .4 | .4 | .1 | .0 | | | | | | | | | | 83 | 83 | 433 | 138 |
| 38/ 37 | | .1 | .1 | .1 | .3 | .2 | .1 | | | | | | | | | | | 56 | 56 | 305 | 166 |
| 36/ 35 | | .0 | .1 | .3 | .4 | .1 | .0 | | | | | | | | | | | 53 | 53 | 231 | 184 |
| 34/ 33 | .1 | .1 | .0 | .2 | .2 | .0 | | | | | | | | | | | | 33 | 33 | 172 | 252 |
| 32/ 31 | | .1 | | .1 | .1 | .0 | | | | | | | | | | | | 13 | 13 | 125 | 435 |
| 30/ 29 | .0 | | .2 | .2 | .0 | | | | | | | | | | | | | 7 | 7 | 71 | 378 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...TOLOGY BRANCH
...ETAC
...SERVICE /MAC

# PSYCHROMETRIC SUMMARY

| 944 | 23CS AAF TX (EL PASO) | 73-8[illegible] | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PAGE 2 — ALL (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| / 27 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | [illegible] | 5.6 |
| [illegible]/ 25 | | | .1 | | | | | | | | | | | | | | | 3 | 3 | 20 | [illegible] |
| [illegible]/ 23 | | | | | | | | | | | | | | | | | | | | 13 | 380 |
| [illegible]/ 21 | | | | | | | | | | | | | | | | | | | | 4 | 535 |
| / 19 | | | | | | | | | | | | | | | | | | | | | 530 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 361 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 3[illegible]1 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2[illegible]2 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 191 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 112 |
| / 7 | | | | | | | | | | | | | | | | | | | | | 53 |
| [illegible]/ 5 | | | | | | | | | | | | | | | | | | | | | 21 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 15 |
| [illegible]/ 1 | | | | | | | | | | | | | | | | | | | | | [illegible]1 |
| [illegible]/ -1 | | | | | | | | | | | | | | | | | | | | | 7 |
| [illegible]/ -3 | | | | | | | | | | | | | | | | | | | | | 6 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .1 | .8 | 2.0 | 3.2 | 4.5 | 6.8 | 8.1 | 9.0 | 8.9 | 8.9 | 9.0 | 8.7 | 8.4 | 7.3 | 6.2 | 4.2 | 3.7 | | 5757 | | 5757 |
| | | | | | | | | | | | | | | | | | | 5757 | | 5757 | |

| 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. | 5.51305 | 157403 | 27.3 | 16.398 | 5757 | | | | | | | |
| Dry Bulb | 24113056 | 365040 | 63.4 | 12.954 | 5757 | | 3.0 | 309.7 | 200.4 | 85.5 | .5 | 720 |
| Wet Bulb | 12201685 | 261837 | 45.5 | 7.134 | 5757 | | 34.9 | | | | | 720 |
| Dew Point | 4200363 | 145267 | 25.2 | 9.639 | 5757 | 2.3 | 560.9 | | | | | 720 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...CAL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23 44 | 1005 AAF TX (EL PASO) | 73-85 | MAY
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 2000-0200
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 |
| 4/ 83 | | | | | | | | | | | | | | .1 | .1 | .1 | .1 | 4 | 4 | | |
| 2/ 81 | | | | | | | | | | | | | .1 | .3 | | .4 | | 6 | 6 | | |
| 0/ 79 | | | | | | | | | | .5 | .3 | .1 | .3 | .7 | .5 | .1 | | 17 | 17 | | |
| 7e/ 77 | | | | | | | | | .3 | .4 | .1 | .3 | .7 | 1.2 | .4 | .4 | | 28 | 28 | | |
| 6e/ 75 | | | | | | | | | | .1 | .7 | .7 | 1.7 | 1.6 | .7 | | | 41 | 41 | | |
| 74/ 73 | | | | | | | .1 | .4 | .5 | .5 | 1.1 | 1.7 | 2.3 | 1.1 | .3 | | | 60 | 60 | | |
| 72/ 71 | | | | | | | .1 | .3 | .8 | .8 | 1.3 | 1.6 | 1.3 | .8 | | | | 54 | 54 | | |
| 7./ 69 | | | | | | | .1 | .7 | 1.1 | 1.5 | 1.3 | .5 | 1.6 | .3 | | | | 53 | 53 | | |
| 6./ 67 | | | | .1 | | .1 | .4 | .5 | 1.1 | 1.6 | 1.1 | 2.8 | .1 | | | | | 59 | 59 | | |
| 6e/ 65 | | | .1 | | .7 | .3 | 1.1 | 1.1 | 1.2 | 1.2 | .7 | 1.5 | .1 | | | | | 59 | 59 | | |
| .4/ 63 | | | .3 | .1 | .5 | .5 | 1.2 | .7 | 1.7 | 1.3 | .8 | .3 | | | | | | 56 | 56 | | |
| 2/ 61 | | .4 | .5 | .7 | .3 | .5 | .3 | .9 | 1.9 | .8 | .8 | | | | | | | 53 | 53 | 15 | 1 |
| ./ 59 | | .5 | .9 | .7 | .7 | .1 | .5 | .3 | 1.5 | 1.2 | | | | | | | | 48 | 48 | 12 | 3 |
| 5e/ 57 | | 1.1 | .7 | .7 | .1 | .3 | 1.1 | 1.3 | 1.2 | .3 | | | | | | | | 50 | 50 | 44 | 5 |
| 5./ 55 | | .9 | .3 | .7 | .4 | 1.2 | 1.6 | 1.1 | .7 | .7 | | | | | | | | 56 | 56 | 50 | 14 |
| 54/ 53 | | .7 | .8 | | .6 | .5 | .9 | 1.3 | .7 | .3 | | | | | | | | 42 | 42 | 82 | 32 |
| 2./ 51 | | .4 | .5 | | .1 | 1.2 | .7 | .7 | .5 | | | | | | | | | 31 | 31 | 111 | 24 |
| 0./ 49 | .1 | .3 | .4 | .7 | .3 | .1 | .1 | .1 | | | | | | | | | | 16 | 16 | 100 | 24 |
| 4./ 47 | | | .1 | .1 | | .1 | .4 | .3 | | | | | | | | | | 8 | 8 | 82 | 24 |
| 46/ 45 | | | | .1 | | .1 | | | | | | | | | | | | 2 | 2 | 95 | 37 |
| 44/ 43 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 61 | 16 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 44 | 26 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 25 | 32 |
| 3./ 37 | | | | | | | | | | | | | | | | | | | | 13 | 43 |
| 3./ 35 | | | | | | | | | | | | | | | | | | | | 10 | 39 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 45 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 53 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 62 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 36 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 49 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 26 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 41 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 39 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 34 |

| Element (X) | $Z_{X'}$ | $Z_X$ | $\bar{X}$ | $\sigma_x$ | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

(...) AL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23 44 (3605 AAF TX (EL 1150)) 73-85 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 / 15 | | | | | | | | | | | | | | | | | | | | | 14 |
| 1 / 13 | | | | | | | | | | | | | | | | | | | | | 11 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 7 |
| 1 / 9 | | | | | | | | | | | | | | | | | | | | | 6 |
| 0 / 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TAL | .1 | 4.3 | 4.3 | 3.9 | 3.4 | 5.2 | 4.7 | 9.7 | 13.2 | 11.3 | 6.2 | 5.5 | 6.3 | 6.0 | 2.0 | 1.1 | .1 | | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | |

| 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. | 1294795 | 26701 | 35.9 | 21.440 | 744 | | | | | | | |
| Dry Bulb | 3155393 | 48053 | 64.6 | 8.348 | 744 | | | 40.3 | 19.5 | 2.4 | | 93 |
| Wet Bulb | 1311594 | 36407 | 49.0 | 5.466 | 744 | | | | | | | 92 |
| Dew Point | 911578 | 24562 | 33.0 | 11.641 | 744 | | 48.4 | | | | | 95 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| ...44 | ...CES AF IY (EL PASO) | 73-80 | MAY |

PAGE 1 HOURS (L. S. T.) 0300-0500

| 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 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| .../ 79 | | | | | | | | | | | | | .4 | .1 | | | | 4 | 4 | | |
| 7 / 77 | | | | | | | | | .1 | | | | | .4 | .3 | | | 6 | 6 | | |
| ../ 75 | | | | | | | | .3 | | | .1 | .1 | .3 | .7 | .1 | | | 17 | 17 | | |
| 74/ 73 | | | | | | | | .5 | | .1 | .4 | | .6 | .3 | | | | 14 | 14 | | |
| 7./ 71 | | | | | | .1 | .1 | .3 | .1 | .5 | .5 | .7 | 1.5 | .1 | | | | 37 | 37 | | |
| 7 / 69 | | | | | .1 | .1 | .3 | | .7 | 1.6 | 1.5 | 2.3 | .9 | .1 | | | | 57 | 57 | | |
| .../ 67 | | | | .1 | | .3 | | 1.1 | .4 | 1.6 | 1.2 | 2.6 | | | | | | 54 | 54 | | |
| 6/ 65 | | | | | | .5 | .7 | .9 | 1.2 | 1.6 | .5 | .7 | | | | | | 44 | 44 | | |
| 4/ 63 | | | | .1 | .5 | .7 | .7 | 1.9 | .9 | .1 | 1.5 | .1 | | | | | | 51 | 51 | | |
| .../ 61 | | .3 | .1 | .7 | .5 | 1.1 | .4 | 1.6 | 1.3 | 1.6 | .7 | | | | | | | 60 | 60 | 7 | |
| .../ 59 | | .5 | .7 | .5 | 1.5 | .4 | 1.7 | 1.5 | 1.1 | 1.7 | | | | | | | | 72 | 72 | 9 | 4 |
| .../ 57 | | 1.2 | .9 | .5 | .5 | .5 | .9 | 1.1 | 2.0 | .4 | | | | | | | | 61 | 61 | 15 | 3 |
| 56/ 55 | | 1.2 | .5 | 1.3 | .4 | 2.7 | .9 | 1.3 | .8 | .3 | | | | | | | | 71 | 71 | 36 | 17 |
| .../ 53 | | 1. | .7 | .5 | .9 | .5 | .9 | .5 | .7 | .3 | | | | | | | | 46 | 46 | 60 | 10 |
| .../ 51 | .4 | .5 | .3 | .5 | .3 | 2.0 | 1.7 | .5 | .1 | | | | | | | | | 50 | 50 | 35 | 26 |
| .../ 49 | .1 | .5 | .9 | .4 | .4 | 1.1 | 1.5 | .4 | | | | | | | | | | 40 | 40 | 93 | 55 |
| 4 / 47 | | .7 | .4 | .8 | .8 | .4 | .7 | .4 | | | | | | | | | | 28 | 28 | 111 | 23 |
| .../ 45 | | | | | .5 | .4 | .4 | .4 | | | | | | | | | | 15 | 15 | 82 | 43 |
| .../ 43 | | .3 | .4 | | .4 | .3 | .1 | | | | | | | | | | | 11 | 11 | 75 | 16 |
| .../ 41 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 68 | 31 |
| .../ 39 | | | | .1 | | .1 | | | | | | | | | | | | 2 | 2 | 39 | 25 |
| .../ 37 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 26 | 56 |
| .../ 35 | | | | | | | | | | | | | | | | | | | | 10 | 54 |
| .../ 33 | | | | | | | | | | | | | | | | | | | | 7 | 41 |
| .../ 31 | | | | | | | | | | | | | | | | | | | | 5 | 60 |
| .../ 29 | | | | | | | | | | | | | | | | | | | | 1 | 43 |
| .../ 27 | | | | | | | | | | | | | | | | | | | | | 47 |
| .../ 25 | | | | | | | | | | | | | | | | | | | | | 43 |
| .../ 23 | | | | | | | | | | | | | | | | | | | | | 47 |
| .../ 21 | | | | | | | | | | | | | | | | | | | | | 48 |
| .../ 19 | | | | | | | | | | | | | | | | | | | | | 44 |
| .../ 17 | | | | | | | | | | | | | | | | | | | | | 24 |
| 10/ 15 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...LEGAL CLIMATOLOGY BRANCH
...SAFETAC
...AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2144 — STATION
...IGGS AAF TX (EL PASO) — STATION NAME
73-80 — YEARS
MAY — 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 |
| 1../ 1. | | | | | | | | | | | | | | | | | | | | | 11 |
| 1./ 0 | | | | | | | | | | | | | | | | | | | | | 5 |
| ../ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| ../ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .5 | 7.0 | 5.2 | 5.8 | 6.9 | 11.2 | 10.9 | 12.5 | 9.5 | 9.9 | 7.4 | 7.1 | 3.9 | 1.7 | .4 | .1 | | 744 | 744 | 744 | 744 |

| Element (s) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 73 F | Total |
| Rel. Hum. | 1704958 | 31499 | 42.3 | 22.357 | 744 | | | | | | | |
| Dry Bulb | 2732023 | 44671 | 60.0 | 8.195 | 744 | | | 23.8 | 5.3 | .3 | | 93 |
| Wet Bulb | 1686195 | 35165 | 47.3 | 5.699 | 744 | | .8 | | | | | 93 |
| Dew Point | 937848 | 25094 | 33.7 | 11.095 | 744 | | 45.3 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L[illegible] CLIMATOLOGY BRANCH
[illegible] AFETAC
A[illegible] WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 — STATION
[illegible]CS AAF TX (EL PASO) — STATION NAME
73-80 — YEARS
MAY — MONTH

PAGE 1 — HOURS (L. S. T.) 0600-0800

| 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 |
| 0/ 85 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 94/ 83 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 92/ 81 | | | | | | | | | | | | .1 | | .1 | .4 | | | 5 | 5 | | |
| 90/ 79 | | | | | | | | | | .4 | | .3 | | .7 | .3 | | | 12 | 12 | | |
| 88/ 77 | | | | | | | .1 | .1 | | .1 | .3 | .4 | .3 | .8 | .1 | | | 17 | 17 | | |
| 86/ 75 | | | | | | | | | .4 | .4 | .5 | .9 | .9 | .9 | .1 | | | 29 | 29 | | |
| 84/ 73 | | | | | .1 | | .3 | .1 | .1 | .5 | 1.2 | 1.2 | 1.5 | .1 | | | | 39 | 39 | | |
| 82/ 71 | | | | | .1 | .1 | .1 | .4 | .4 | 1.3 | 1.6 | 1.3 | 1.1 | .1 | | | | 55 | 55 | | |
| 81/ 69 | | | | .1 | .1 | .7 | .2 | .9 | .7 | 1.5 | 2.8 | 2.2 | .1 | | | | | 74 | 74 | | |
| 66/ 67 | | | | | .1 | .1 | .7 | 1.1 | 2.3 | 1.6 | 1.5 | .9 | .1 | | | | | 67 | 67 | | |
| 87/ 65 | | | | .4 | .9 | 1.2 | .7 | 1.7 | 1.6 | 1.7 | 1.3 | .8 | | | | | | 75 | 75 | 2 | |
| 74/ 63 | | | .7 | .6 | .7 | .5 | .7 | .9 | 1.9 | 1.5 | 1.2 | | | | | | | 64 | 64 | 5 | |
| 72/ 61 | | .1 | .4 | .7 | .5 | .4 | .2 | 2.3 | 1.3 | 1.1 | .3 | .1 | | | | | | 58 | 53 | 12 | 2 |
| 70/ 59 | | .5 | .2 | .3 | .7 | .7 | 1.2 | 1.1 | .9 | .5 | .3 | | | | | | | 56 | 56 | 24 | 5 |
| 68/ 57 | | .7 | .4 | .9 | .7 | .5 | 1.1 | 1.5 | .4 | .3 | | | | | | | | 48 | 48 | 43 | 10 |
| 56/ 55 | | .7 | .8 | .8 | .4 | 1.1 | 1.3 | .9 | .3 | .3 | | | | | | | | 49 | 49 | 55 | 20 |
| 64/ 53 | | .5 | .4 | .5 | .6 | .7 | .7 | .3 | .4 | | | | | | | | | 30 | 30 | 79 | 19 |
| 62/ 51 | | .5 | .5 | .5 | .4 | .7 | .7 | .7 | | | | | | | | | | 30 | 30 | 127 | 23 |
| 60/ 49 | | .4 | .4 | .5 | | .5 | .1 | .3 | | | | | | | | | | 17 | 17 | 111 | 36 |
| 58/ 47 | .1 | | | | .4 | .3 | .3 | .3 | | | | | | | | | | 10 | 10 | 102 | 53 |
| 56/ 45 | | .1 | .1 | .3 | .4 | .1 | | | | | | | | | | | | 8 | 8 | 76 | 38 |
| 44/ 43 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 50 | 30 |
| 42/ 41 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 27 | 30 |
| 40/ 39 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 21 | 55 |
| 38/ 37 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 12 | 53 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 5 | 42 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 2 | 63 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 67 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 46 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 61 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 58 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 17 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 29 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 24 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 .44 STATION | 1665 AAF TX (EL PASO) STATION NAME | 73-83 YEARS | MAY MONTH



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 6 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 5 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 3.8 | 4.7 | 6.3 | 6.3 | 7.8 | 9.9 | 12.4 | 10.9 | 11.3 | 11.0 | 8.3 | 4.0 | 2.4 | .5 | .1 | .1 | | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. C.s. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1507200 | 29858 | 40.1 | 20.393 | 744 | | | | | | | |
| Dry Bulb | 3080474 | 47502 | 63.8 | 8.006 | 744 | | | 36.9 | 13.0 | 1.3 | | 93 |
| Wet Bulb | 1868606 | 37056 | 49.9 | 5.537 | 744 | | .1 | | | | | 93 |
| Dew Point | 1052569 | 26871 | 36.1 | 10.510 | 744 | | 38.1 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23 44 — STATION
BIGG AAF TX (EL PASO) — STATION NAME
73-80 — 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 |
| 106/ 95 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 92/ 91 | | | | | | | | | | | | | .1 | .1 | .1 | | .4 | 6 | 6 | | |
| 90/ 89 | | | | | | | | | | | | | .1 | | .7 | .4 | .3 | 11 | 11 | | |
| 88/ 87 | | | | | | | | | | | | | .1 | .1 | .5 | .7 | .4 | 13 | 13 | | |
| 86/ 85 | | | | | | | | | | | .1 | .3 | .5 | .8 | 1.6 | .4 | .7 | 33 | 33 | | |
| 84/ 83 | | | | | | | | | .1 | | .5 | .3 | .8 | 1.2 | 2.8 | .8 | .5 | 53 | 53 | | |
| 82/ 81 | | | | | | | | | | | .7 | .9 | 1.5 | 2.3 | 2.8 | 1.2 | | 70 | 70 | | |
| 80/ 79 | | | | | | | | .1 | | .7 | .3 | 1.5 | 1.5 | 4.2 | 1.5 | .1 | | 73 | 73 | | |
| 78/ 77 | | | | | | | | .1 | .4 | .8 | .7 | 1.5 | 3.6 | 3.8 | .7 | .3 | | 88 | 88 | | |
| 76/ 75 | | | | | | | | .5 | .7 | .6 | 1.3 | 3.0 | 2.6 | 1.0 | .3 | | | 84 | 84 | | |
| 74/ 73 | | | | | .1 | .3 | .3 | .7 | .9 | .4 | 1.2 | 2.3 | 1.9 | .4 | .5 | | | 65 | 65 | | |
| 72/ 71 | | | | | | .7 | .8 | .7 | .7 | .9 | 1.5 | 1.7 | 1.1 | .3 | | | | 62 | 62 | | |
| 70/ 69 | | | | | .1 | .4 | .5 | .7 | .5 | 1.6 | .5 | 1.1 | .7 | | | | | 48 | 43 | | |
| 68/ 67 | | | | .4 | .7 | .5 | .1 | .3 | .5 | .8 | 1.1 | .8 | | | | | | 37 | 37 | 4 | |
| 66/ 65 | | | | .1 | .3 | .4 | .6 | .1 | .3 | .4 | .3 | .3 | | | | | | 22 | 22 | 5 | |
| 64/ 63 | | | | | .4 | .1 | .3 | .4 | .5 | .8 | .3 | | | | | | | 21 | 21 | 16 | |
| 62/ 61 | | | .1 | .1 | | .5 | .1 | .1 | .5 | | .1 | | | | | | | 13 | 13 | 48 | 1 |
| 60/ 59 | | | | .4 | .1 | .3 | .3 | .3 | .1 | .1 | | | | | | | | 12 | 12 | 69 | 4 |
| 58/ 57 | | | .1 | | .4 | .1 | .3 | .4 | | | | | | | | | | 10 | 10 | 100 | 5 |
| 56/ 55 | | | .7 | .4 | | .3 | | .1 | .1 | | | | | | | | | 12 | 12 | 101 | 14 |
| 54/ 53 | | | .4 | .3 | .3 | | | | | | | | | | | | | 7 | 7 | 133 | 15 |
| 52/ 51 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 130 | 31 |
| 50/ 49 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 66 | 34 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 42 | 25 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 21 | 44 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 7 | 37 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 2 | 26 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 31 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 50 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 59 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 77 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 71 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 60 |

| 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 |
| Ret. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AFETAC
...AFAT-P- SERVIC./MAC

# PSYCHROMETRIC SUMMARY

2 744 STATION | 23CS AAF IX (EL PASO) STATION NAME | 73-80 YEARS | MAY MONTH

PAGE 7 | 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 |
| - / 27 | | | | | | | | | | | | | | | | | | | | | | 42 |
| -0/ 25 | | | | | | | | | | | | | | | | | | | | | | 46 |
| 24/ 25 | | | | | | | | | | | | | | | | | | | | | | 14 |
| 2/ 21 | | | | | | | | | | | | | | | | | | | | | | 23 |
| 2/ 19 | | | | | | | | | | | | | | | | | | | | | | 13 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 11 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | | 1 |
| / 7 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TAL | | .1 | 1.3 | 1.9 | 2.4 | 3.6 | 3.8 | 4.8 | 5.2 | 7.4 | 2.6 | 13.6 | 14.5 | 15.1 | 11.2 | 4.0 | 2.4 | | 744 | | 744 | |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | | |

| 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. | 736649 | 20425 | 27.5 | 15.346 | 744 | | | | | | | |
| Dry Bulb | 4233945 | 55823 | 75.0 | 7.851 | 744 | | | 60.6 | 62.3 | 23.6 | .7 | 93 |
| Wet Bulb | 2208567 | 40393 | 54.3 | 4.577 | 744 | | | .5 | | | | 93 |
| Dew Point | 1142872 | 26834 | 36.1 | 9.805 | 744 | | 36.5 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

24 44 (STATION) | FTBS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | MAY (MONTH)

PAGE 1 | 1200-1400 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 1 02/ 99 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 00/ 97 | | | | | | | | | | | | | | | | | .0 | 7 | 7 | | |
| 00/ 95 | | | | | | | | | | | | | | | | .1 | 1.7 | 14 | 14 | | |
| 00/ 93 | | | | | | | | | | | | | | | | .5 | 4.4 | 37 | 37 | | |
| 00/ 91 | | | | | | | | | | | | | | | .3 | .9 | 5.1 | 47 | 47 | | |
| 02/ 89 | | | | | | | | | | | | | | .4 | .7 | 2.4 | 4.7 | 61 | 61 | | |
| 04/ 87 | | | | | | | | | | | .1 | | .1 | .1 | 2.0 | 3.8 | 3.4 | 71 | 71 | | |
| 06/ 85 | | | | | | | | | | | | .1 | .3 | 1.1 | 3.0 | 4.8 | 3.4 | 94 | 94 | | |
| 08/ 83 | | | | | | | | | .1 | .1 | | .5 | 1.1 | 1.5 | 4.4 | 1.6 | 2.0 | 85 | 85 | | |
| 10/ 81 | | | | | | | | | | | .9 | .8 | .8 | 2.0 | 2.6 | 1.6 | .3 | 67 | 67 | | |
| 12/ 79 | | | | | | | | .1 | .1 | .9 | 1.6 | .7 | .5 | 3.8 | 2.3 | .8 | | 72 | 72 | | |
| 14/ 77 | | | | | | | | .4 | .4 | .7 | .3 | .3 | 1.7 | 1.7 | .9 | | | 47 | 47 | | |
| 16/ 75 | | | | | | | | .4 | .7 | .8 | .1 | .8 | 1.1 | .7 | .1 | | | 35 | 35 | | |
| 18/ 73 | | | | | | | .4 | .4 | .1 | | .4 | .4 | 1.2 | .3 | .1 | | | 25 | 25 | | |
| 20/ 71 | | | | | | | .3 | | .1 | .7 | .1 | | .5 | .1 | | | | 14 | 14 | | |
| 22/ 69 | | | | | | .1 | .1 | | .4 | .1 | .5 | .8 | .3 | | | | | 12 | 12 | | |
| 24/ 67 | | | | | | | .1 | .5 | .5 | | .5 | .3 | | | | | | 15 | 15 | 3 | |
| 26/ 65 | | | | | | .3 | .1 | .3 | | .4 | .4 | | | | | | | 11 | 11 | 8 | |
| 28/ 63 | | | | | .1 | .3 | .3 | | | .3 | | .1 | | | | | | 8 | 8 | 27 | |
| 30/ 61 | | | | | .4 | .1 | | | | | | | | | | | | 4 | 4 | 72 | |
| 32/ 59 | | | | | .3 | .3 | .1 | | | | | | | | | | | 5 | 5 | 119 | 3 |
| 34/ 57 | | | | .3 | | | | | | | | | | | | | | 2 | 2 | 123 | 1 |
| 36/ 55 | | | .1 | .3 | | | | | | | | | | | | | | 3 | 3 | 131 | 5 |
| 38/ 53 | | | | | | | | | | | | | | | | | | | | 125 | 7 |
| 40/ 51 | | | | | | | | | | | | | | | | | | | | 77 | 10 |
| 42/ 49 | | | | | | | | | | | | | | | | | | | | 34 | 22 |
| 44/ 47 | | | | | | | | | | | | | | | | | | | | 17 | 33 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 6 | 22 |
| 48/ 43 | | | | | | | | | | | | | | | | | | | | 1 | 39 |
| 50/ 41 | | | | | | | | | | | | | | | | | | | | | 39 |
| 52/ 39 | | | | | | | | | | | | | | | | | | | | | 36 |
| 54/ 37 | | | | | | | | | | | | | | | | | | | | | 09 |
| 56/ 35 | | | | | | | | | | | | | | | | | | | | | 67 |
| 58/ 33 | | | | | | | | | | | | | | | | | | | | | 73 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...TAL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | LIGGS AAF TX (EL PASO) STATION NAME | 73-81 YEARS | MAY 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 |
| 27/ 31 | | | | | | | | | | | | | | | | | | | | | | 74 |
| 29/ 29 | | | | | | | | | | | | | | | | | | | | | | 43 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 43 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | 44 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 26 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 42 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 22 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 17 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 13 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 9 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | | | .1 | .5 | .5 | 1.1 | 1.9 | 2.2 | 2.6 | 3.6 | 5.1 | 4.8 | 7.7 | 10.9 | 16.3 | 16.7 | 26.1 | 743 | 743 | 743 | 743 |

| 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. | 375848 | 14396 | 19.4 | 11.317 | 743 | | | | | | | |
| Dry Bulb | 5163373 | 61360 | 82.5 | 7.867 | 743 | | | 82.9 | 83.0 | 65.1 | 7.4 | 93 |
| Wet Bulb | 2361617 | 41763 | 56.2 | 4.143 | 743 | | | .4 | | | | 93 |
| Dew Point | 911760 | 25072 | 33.7 | 9.411 | 743 | | 41.6 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...LOGAL CLIMATOLOGY BRANCH
...SAFETAC
...AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 | 1365 AAF TX (EL PASO) | 73-80 | MAY

STATION | STATION NAME | YEARS | 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 |
| 1 [illegible] / 99 | | | | | | | | | | | | | | | | | .5 | 4 | 4 | | |
| 9[illegible] / 97 | | | | | | | | | | | | | | | | | .7 | 5 | 5 | | |
| [illegible] / 95 | | | | | | | | | | | | | | | | | 5.2 | 59 | 39 | | |
| [illegible] / 93 | | | | | | | | | | | | | | | | | 7.8 | 58 | 58 | | |
| [illegible] / 91 | | | | | | | | | | | | | | | .3 | .3 | 7.0 | 56 | 56 | | |
| [illegible] / 89 | | | | | | | | | | | | | | | .1 | 2.7 | 7.9 | 80 | 80 | | |
| [illegible]6 / 87 | | | | | | | | | | | | | | .3 | .9 | 4.2 | 6.2 | 86 | 86 | | |
| [illegible]6 / 85 | | | | | | | | | | | | | .5 | 1.1 | 2.4 | 5.0 | 3.0 | 89 | 89 | | |
| [illegible]4 / 83 | | | | | | | | | | | .1 | .5 | .3 | .5 | 2.4 | 1.6 | 2.5 | 62 | 62 | | |
| [illegible] / 81 | | | | | | | | | | | .5 | .4 | .1 | 1.1 | 2.4 | 2.2 | .7 | 58 | 58 | | |
| [illegible] / 79 | | | | | | | | | | .3 | 1.2 | .7 | .4 | 2.6 | 1.3 | .3 | | 50 | 50 | | |
| 7[illegible] / 77 | | | | | | | | .1 | .3 | .4 | .4 | .5 | .7 | 1.3 | .9 | | | 35 | 35 | | |
| 7[illegible] / 75 | | | | | | .1 | | | .3 | .4 | .8 | .1 | .5 | .7 | .3 | | | 21 | 21 | | |
| [illegible] / 73 | | | | | | | .3 | .1 | .1 | .4 | .7 | .4 | 1.1 | .1 | | | | 24 | 24 | | |
| [illegible] / 71 | | | | | | | .3 | .3 | .1 | 1.2 | .3 | 1.3 | .5 | .1 | | | | 31 | 31 | | |
| 7[illegible] / 69 | | | | | | .4 | .1 | .4 | .5 | .3 | | .5 | .5 | | | | | 21 | 21 | | |
| [illegible] / 67 | | | | | | .1 | | | | | .3 | | | | | | | 3 | 3 | | |
| [illegible]5 / 65 | | | | .1 | | .5 | .1 | | .1 | | | | | | | | | 7 | 7 | 6 | |
| 4 / 63 | | | | | | .4 | .3 | | | | | | | | | | | 5 | 5 | 10 | |
| [illegible]2 / 61 | | | .1 | | .1 | | | | | | | | | | | | | 2 | 2 | 74 | |
| [illegible] / 59 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 125 | 2 |
| [illegible] / 57 | | | | | .1 | | .1 | | | | | | | | | | | 2 | 2 | 144 | 2 |
| [illegible] / 55 | | .1 | | .3 | | | .1 | | | | | | | | | | | 4 | 4 | 155 | 4 |
| [illegible]4 / 53 | | | | | | | | | | | | | | | | | | | | 114 | 4 |
| [illegible] / 51 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 71 | 5 |
| [illegible] / 49 | | | | | | | | | | | | | | | | | | | | 27 | 13 |
| 4[illegible] / 47 | | | | | | | | | | | | | | | | | | | | 15 | 22 |
| 4[illegible] / 45 | | | | | | | | | | | | | | | | | | | | 3 | 21 |
| 44 / 43 | | | | | | | | | | | | | | | | | | | | 1 | 25 |
| [illegible] / 41 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | 49 |
| [illegible] / 37 | | | | | | | | | | | | | | | | | | | | | 65 |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | 44 |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | 67 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-85 (YEARS) MAY (MONTH)

PAGE 2 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 | | | | |
| 37/ 31 | | | | | | | | | | | | | | | | | | | | | 31 |
| 35/ 29 | | | | | | | | | | | | | | | | | | | | | 53 |
| 33/ 27 | | | | | | | | | | | | | | | | | | | | | 42 |
| 31/ 25 | | | | | | | | | | | | | | | | | | | | | 46 |
| 29/ 23 | | | | | | | | | | | | | | | | | | | | | 33 |
| 27/ 21 | | | | | | | | | | | | | | | | | | | | | 32 |
| 25/ 19 | | | | | | | | | | | | | | | | | | | | | 49 |
| 23/ 17 | | | | | | | | | | | | | | | | | | | | | 27 |
| 21/ 15 | | | | | | | | | | | | | | | | | | | | | 14 |
| 19/ 13 | | | | | | | | | | | | | | | | | | | | | 5 |
| 17/ 11 | | | | | | | | | | | | | | | | | | | | | 8 |
| 15/ 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| 13/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| 11/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .3 | .1 | .5 | .3 | 1.6 | 1.3 | .9 | 1.5 | 3.0 | 4.3 | 4.6 | 4.7 | 7.3 | 11.2 | 16.1 | 41.8 | | 744 | 744 | 744 | 744 |

| 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. | 3206246 | 12598 | 17.3 | 11.788 | 744 | | | | | | | |
| Dry Bulb | 5321306 | 62632 | 84.2 | 8.218 | 744 | | | 90.3 | 83.4 | 70.3 | 13.3 | 93 |
| Wet Bulb | 2362988 | 41842 | 56.3 | 3.636 | 744 | | | | | | | 93 |
| Dew Point | 817270 | 23606 | 31.7 | 9.587 | 744 | | 50.0 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TECHNICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23144 STATION | FIGGS AAF TX (EL PASO) STATION NAME | 73-80 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 |
| ≥ 95 | | | | | | | | | | | | | | | | | .8 | 4 | 4 | | |
| 90-94 | | | | | | | | | | | | | | | | .1 | 2.3 | 16 | 16 | | |
| 85-89 | | | | | | | | | | | | | | | .1 | | 3.2 | 25 | 25 | | |
| 80-84 | | | | | | | | | | | | | | | .1 | .9 | 3.4 | 33 | 33 | | |
| 75-79 | | | | | | | | | | | | | | .3 | .4 | 1.7 | 2.6 | 37 | 37 | | |
| 70-74 | | | | | | | | | | | | | .1 | .7 | 2.3 | 3.4 | 3.0 | 70 | 70 | | |
| ≥ 95 | | | | | | | | | | | .1 | .1 | .5 | .8 | 4.0 | 1.3 | 1.6 | 64 | 64 | | |
| 90-94 | | | | | | | | .1 | | | .1 | .4 | .7 | 1.9 | 3.4 | 2.4 | 1.2 | 76 | 76 | | |
| 85-89 | | | | | | | | | | | .1 | .9 | 1.2 | 3.9 | 1.9 | 1.5 | .8 | 70 | 70 | | |
| 80-84 | | | | | | | .1 | | .1 | .3 | .4 | .3 | 1.1 | 2.7 | 1.6 | .5 | | 51 | 51 | | |
| 75-79 | | | | | | | | | .4 | .5 | .7 | 1.5 | 1.3 | 2.2 | 1.7 | | | 59 | 59 | | |
| 70-74 | | | | | | | .1 | .5 | .3 | .7 | .4 | .9 | 1.9 | .7 | .5 | | | 45 | 45 | | |
| 65-69 | | | | | | .1 | .1 | 1.1 | .3 | 1.2 | .8 | .7 | .8 | .3 | | | | 40 | 40 | | |
| 60-64 | | | | | .3 | .3 | .3 | .5 | .5 | .9 | .5 | .9 | 1.3 | .4 | | | | 45 | 45 | | |
| ≥ 65 | | | | | .1 | | .4 | .7 | .5 | .4 | .7 | .5 | | | | | | 25 | 25 | 2 | |
| 60-64 | | | .1 | .4 | .1 | .3 | .5 | .5 | .4 | .1 | .3 | .4 | | | | | | 24 | 24 | | |
| 55-59 | | .1 | .1 | .4 | .3 | .3 | .3 | .3 | | .4 | | .5 | | | | | | 20 | 20 | 4 | |
| 50-54 | | .4 | .4 | .4 | .1 | | .1 | .3 | .1 | .1 | | | | | | | | 15 | 15 | 23 | 3 |
| ≥ 55 | .1 | .1 | | | .1 | .1 | | .1 | | .1 | | | | | | | | 6 | 6 | 67 | 2 |
| 50-54 | .1 | .1 | .1 | .3 | .1 | | | .1 | .1 | | | | | | | | | 8 | 8 | 117 | 10 |
| 45-49 | | .1 | .3 | | .1 | | | | | | | | | | | | | 4 | 4 | 122 | 5 |
| 40-44 | | .3 | | .3 | | | | | | | | | | | | | | 4 | 4 | 159 | 13 |
| 35-39 | | | | .4 | | | | | | | | | | | | | | 3 | 3 | 112 | 9 |
| 30-34 | | | | | | | | | | | | | | | | | | | | 62 | 14 |
| ≥ 45 | | | | | | | | | | | | | | | | | | | | 43 | 25 |
| 40-44 | | | | | | | | | | | | | | | | | | | | 25 | 18 |
| 35-39 | | | | | | | | | | | | | | | | | | | | 5 | 23 |
| 30-34 | | | | | | | | | | | | | | | | | | | | 5 | 22 |
| 25-29 | | | | | | | | | | | | | | | | | | | | | 32 |
| 20-24 | | | | | | | | | | | | | | | | | | | | | 49 |
| 15-19 | | | | | | | | | | | | | | | | | | | | | 46 |
| 10-14 | | | | | | | | | | | | | | | | | | | | | 47 |
| ≥ 35 | | | | | | | | | | | | | | | | | | | | | 77 |
| 30-34 | | | | | | | | | | | | | | | | | | | | | 67 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AFM WEATHER SE VICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 — ...1665 AAF TX (EL PASO) — 73-80 — MAY
STATION — STATION NAME — YEARS — MONTH

PAGE ? — 1800-2100 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ../ 27 | | | | | | | | | | | | | | | | | | | | | |
| ../ 25 | | | | | | | | | | | | | | | | | | | | | 4 |
| ../ 23 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2./ 21 | | | | | | | | | | | | | | | | | | | | | 3 |
| ../ 19 | | | | | | | | | | | | | | | | | | | | | 5 |
| 1../ 17 | | | | | | | | | | | | | | | | | | | | | 44 |
| 1../ 15 | | | | | | | | | | | | | | | | | | | | | 18 |
| ../ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 1../ 11 | | | | | | | | | | | | | | | | | | | | | 11 |
| 1../ 9 | | | | | | | | | | | | | | | | | | | | | 6 |
| ../ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .3 | 1.2 | 1.1 | 2.2 | 1.3 | 1.1 | 2.3 | 4.3 | 2.8 | 4.8 | 4.2 | 7.3 | 9.0 | 13.7 | 15.3 | 11.7 | 17.7 | | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 65 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 528901 | 16585 | 22.3 | 17.176 | 744 | | | | | | | |
| Dry Bulb | 4579663 | 56007 | 75.3 | 8.764 | 744 | | | 87.5 | 68.2 | 45.4 | 2.5 | 4 |
| Wet Bulb | 2179250 | 40152 | 54.0 | 4.075 | 744 | | | .3 | | | | 9 |
| Dew Point | 829026 | 23458 | 31.5 | 10.970 | 744 | | 52.0 | | | | | 6 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...NAL CLIMATOLOGY BRANCH
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...R WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 — STATION — BIGGS AAF TX (EL PASO) — STATION NAME — 73-80 — YEARS — MAY — 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 |
| ../ 85 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | |
| 86/ 87 | | | | | | | | | | | | | | | | | 1.1 | 8 | 8 | | | |
| 86/ 85 | | | | | | | | | | | | | | .1 | .4 | | .7 | 9 | 9 | | | |
| 84/ 83 | | | | | | | | | | | | .1 | .1 | .1 | .8 | .3 | .6 | 17 | 17 | | | |
| 82/ 81 | | | | | | | | | | | .3 | .1 | .5 | .9 | 1.9 | .4 | .5 | 32 | 32 | | | |
| ../ 79 | | | | | | | | | | .4 | .1 | .3 | .7 | 3.2 | .8 | 1.2 | | 50 | 50 | | | |
| 78/ 77 | | | | | | | | | .3 | .4 | | 1.7 | 1.7 | 2.6 | 1.7 | | | 63 | 63 | | | |
| 76/ 76 | | | | | | | .1 | .3 | .1 | .3 | .9 | 2.3 | 2.3 | 1.7 | 1.6 | | | 72 | 72 | | | |
| 74/ 73 | | | | | | .1 | | .4 | .4 | .3 | .7 | 1.9 | 1.7 | 1.2 | .5 | | | 54 | 54 | | | |
| 72/ 71 | | | | | .1 | | | .4 | 1.1 | .5 | 1.9 | 1.3 | 1.6 | .5 | | | | 56 | 56 | | | |
| ../ 69 | | | | | .3 | .4 | .7 | .5 | .4 | 1.6 | 2.4 | 1.6 | 1.1 | | | | | 67 | 67 | | | |
| ../ 67 | | | .1 | | .1 | .7 | .5 | 1.3 | .7 | 1.2 | 1.1 | 2.3 | .1 | .1 | | | | 62 | 62 | | | |
| 67/ 65 | | | | .1 | .2 | .5 | .7 | .9 | .7 | 1.5 | 1.5 | .4 | | | | | | 51 | 51 | | | |
| 65/ 63 | | | .1 | .5 | .2 | .3 | 1.1 | .4 | .8 | .7 | 1.2 | .3 | | | | | | 50 | 50 | 4 | | |
| 63/ 61 | | .4 | .9 | .7 | .4 | .1 | | .9 | .9 | .9 | .9 | | | | | | | 47 | 47 | 19 | | |
| 61/ 59 | | .4 | .7 | .4 | .1 | .4 | .4 | .7 | .5 | .5 | | | | | | | | 31 | 31 | 20 | 3 | |
| 59/ 57 | | .4 | .1 | .5 | | .3 | .5 | 1.1 | .8 | .9 | .1 | | | | | | | 36 | 36 | 61 | 10 | |
| 56/ 55 | | .3 | .5 | .3 | | | | .7 | .4 | .1 | | | | | | | | 17 | 17 | 80 | 17 | |
| 54/ 53 | .1 | .3 | | .4 | .1 | | | | .3 | | | | | | | | | 9 | 9 | 121 | 16 | |
| 52/ 51 | | .1 | .3 | .5 | .1 | | | | .1 | | | | | | | | | 9 | 9 | 125 | 18 | |
| 50/ 49 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | 112 | 32 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 74 | 21 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 59 | 26 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 37 | 24 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 17 | 24 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 12 | 22 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 2 | 36 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 41 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 56 | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 57 | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 54 | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 55 | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 34 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 24 | |

| 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 AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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...EATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2...4 | 9605 FAF TX (EL PASO) | 73-80 | MAY
STATION | STATION NAME | YEARS | MONTH

PAGE ... | 2101-2301
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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 1 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 1 / 17 | | | | | | | | | | | | | | | | | | | | | 3 |
| 1./ 15 | | | | | | | | | | | | | | | | | | | | | 31 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 8 |
| 1./ 11 | | | | | | | | | | | | | | | | | | | | | 9 |
| 1 / 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| ../ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 1[illegible] | .1 | 1.9 | 3.1 | 3.5 | 2.7 | 2.9 | 4.0 | 7.7 | 7.9 | 9.4 | 11.2 | 12.9 | 10.0 | 10.6 | 7.4 | 1.9 | 3.2 | 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. | [illegible]19 | 22232 | 29.9 | 19.307 | 743 | | | | | | | |
| Dry Bulb | 3687979 | 51995 | 70.0 | 8.157 | 743 | | | 61.5 | 38.3 | 12.0 | | 93 |
| Wet Bulb | 1967209 | 38061 | 51.2 | 4.455 | 743 | | | | | | | 9 |
| Dew Point | 896243 | 24295 | 32.7 | 11.657 | 743 | | 49.7 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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A F WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 — STATION
.IGG AAI IY (EL PASO) — STATION NAME
73-86 — YEARS
MAY — 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 |
| [illegible] 99 | | | | | | | | | | | | | | | | | .1 | 5 | 5 | | |
| [illegible] 97 | | | | | | | | | | | | | | | | | .2 | 12 | 12 | | |
| [illegible] 95 | | | | | | | | | | | | | | | | .0 | .9 | 58 | 58 | | |
| [illegible] 93 | | | | | | | | | | | | | | | | .1 | 1.8 | 112 | 112 | | |
| [illegible] 91 | | | | | | | | | | | | | .0 | .2 | .1 | .2 | 2.0 | 134 | 134 | | |
| [illegible] 89 | | | | | | | | | | | | | .0 | .1 | .2 | .8 | 2.1 | 186 | 186 | | |
| [illegible] 87 | | | | | | | | | | | .0 | | .0 | .1 | .5 | 1.3 | 1.7 | 215 | 215 | | |
| 87/ 85 | | | | | | | | | | | .0 | .1 | .2 | .5 | 1.2 | 1.7 | 1.3 | 296 | 296 | | |
| [illegible] 83 | | | | | | | | | .0 | .0 | .1 | .2 | .4 | .5 | 1.5 | .7 | 1.0 | 286 | 286 | | |
| [illegible] 81 | | | | | | | | .0 | | | .3 | .4 | .5 | 1.1 | 1.6 | 1.0 | .5 | 315 | 315 | | |
| [illegible] | | | | | | | | .0 | .0 | .3 | .5 | .6 | .6 | 2.3 | 1.0 | .5 | .0 | 348 | 348 | | |
| 79/ [illegible] | | | | | | | .0 | .1 | .2 | .4 | .2 | .6 | 1.2 | 1.5 | .0 | .1 | | 335 | 335 | | |
| [illegible] 75 | | | | | | .2 | .0 | .2 | .3 | .4 | .7 | 1.3 | 1.3 | 1.2 | .6 | | | 358 | 358 | | |
| 74/ 73 | | | | | .3 | .1 | .2 | .4 | .3 | .4 | .8 | 1.1 | 1.5 | .5 | .2 | | | 326 | 326 | | |
| [illegible] 71 | | | | | .3 | .1 | .3 | .4 | .5 | .9 | 1.1 | 1.1 | 1.1 | .3 | | | | 344 | 344 | | |
| [illegible] 69 | | | | .3 | .1 | .3 | .4 | .5 | .6 | 1.1 | 1.2 | 1.2 | .8 | .1 | | | | 383 | 383 | | |
| [illegible] 67 | | | .0 | .1 | .2 | .2 | .3 | .7 | .7 | .9 | .9 | 1.3 | .1 | .0 | | | | 322 | 322 | 9 | |
| 66/ 65 | | | .0 | .2 | .3 | .5 | .6 | .7 | .7 | .9 | .6 | .5 | .0 | | | | | 293 | 293 | 23 | |
| 64/ 63 | | .0 | .2 | .2 | .5 | .4 | .6 | .6 | .7 | .6 | .6 | .2 | | | | | | 275 | 275 | 66 | |
| 62/ 61 | | .2 | .3 | .4 | .3 | .4 | .2 | .7 | .8 | .6 | .4 | .0 | | | | | | 252 | 252 | 266 | 7 |
| [illegible] 59 | .2 | .3 | .4 | .4 | .4 | .3 | .5 | .5 | .5 | .5 | .0 | | | | | | | 231 | 231 | 444 | 26 |
| [illegible] 57 | .2 | .4 | .3 | .4 | .3 | .2 | .3 | .7 | .6 | .2 | .0 | | | | | | | 217 | 217 | 647 | 46 |
| [illegible] 55 | | .4 | .4 | .5 | .2 | .7 | .5 | .5 | .3 | .2 | | | | | | | | 216 | 216 | 730 | 96 |
| [illegible] 53 | .0 | .4 | .3 | .3 | .3 | .2 | .3 | .3 | .3 | .1 | | | | | | | | 138 | 138 | 1 | 166 |
| [illegible] 51 | .1 | .2 | .2 | .3 | .1 | .5 | .4 | .2 | .1 | | | | | | | | | 125 | 125 | | 146 |
| [illegible] 49 | .0 | .2 | .3 | .2 | .1 | .2 | .2 | .1 | | | | | | | | | | 76 | 76 | | [illegible] |
| [illegible] 47 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | | | | | | | | | | 46 | 46 | 4.0 | 226 |
| [illegible] 45 | | .0 | .3 | .1 | .2 | .1 | .1 | .1 | | | | | | | | | | 25 | 25 | 367 | 249 |
| 44/ 43 | | .1 | .1 | | .1 | .3 | .0 | | | | | | | | | | | 13 | 13 | 237 | 212 |
| [illegible] 41 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 162 | 222 |
| [illegible] 39 | | | | .0 | | .0 | | | | | | | | | | | | 3 | 3 | 97 | 262 |
| [illegible] 37 | | | | .0 | | .0 | | | | | | | | | | | | 2 | 2 | 57 | 411 |
| [illegible] 35 | | | | | | | | | | | | | | | | | | | | 25 | 392 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 9 | 460 |

| 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 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2...44 STATION | ...IGS AAF IX (EL PASO) STATION NAME | 73-6... YEARS | MAY MONTH

PAGE ? | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ../ 33 | | | | | | | | | | | | | | | | | | | | 6 | 540 |
| ../ 29 | | | | | | | | | | | | | | | | | | | | 1 | 422 |
| ../ 27 | | | | | | | | | | | | | | | | | | | | | 365 |
| ../ 25 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 4/ 23 | | | | | | | | | | | | | | | | | | | | | 192 |
| 2/ 21 | | | | | | | | | | | | | | | | | | | | | 265 |
| ./ 19 | | | | | | | | | | | | | | | | | | | | | 299 |
| 1./ 17 | | | | | | | | | | | | | | | | | | | | | 169 |
| 1./ 15 | | | | | | | | | | | | | | | | | | | | | 101 |
| 1./ 13 | | | | | | | | | | | | | | | | | | | | | 73 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 38 |
| 1./ 9 | | | | | | | | | | | | | | | | | | | | | 27 |
| ./ 7 | | | | | | | | | | | | | | | | | | | | | 13 |
| 4/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 1 [illegible] | .2 | 2.7 | 2.6 | 3.1 | 3.0 | 4.3 | 5.2 | 6.2 | 6.6 | 7.6 | 7.5 | 8.5 | 7.8 | 8.5 | 8.1 | 6.5 | 11.4 | 5950 | 5950 | | 595 |
| | | | | | | | | | | | | | | | | | | 5950 | | 595 | |

| 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. | 7493622 | 174594 | 29.3 | 10.961 | 5950 | | | | | | | |
| Dry Bulb | 31...2772 | 429972 | 72.3 | 11.743 | 5950 | | | 504.5 | 373.4 | 225.2 | 23.4 | 744 |
| Wet Bulb | 1644...227 | 310941 | 52.3 | 5.751 | 5950 | | .9 | 1.1 | | | | 744 |
| Dew Point | 7398150 | 192542 | 34.6 | 10.739 | 5950 | | 361.5 | | | | | 744 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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WEATHER SERVICE/PAC

# PSYCHROMETRIC SUMMARY

44 | 1365 AAF TX (EL PASO) | 73-83 | JUN
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0000-0245
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 |
| [illegible] | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 97 / 93 | | | | | | | | | | | | | | | | | .4 | 3 | 3 | | |
| [illegible] | | | | | | | | | | | | | | | | | 1.0 | 7 | 7 | | |
| [illegible] / 85 | | | | | | | | | | | | | | | .2 | 1.1 | 1.3 | 19 | 19 | | |
| 87 / 87 | | | | | | | | | | | | | | .1 | .7 | 1.8 | .4 | 22 | 22 | | |
| [illegible] / 85 | | | | | | | | | | | .1 | .1 | .7 | .4 | 1.3 | .8 | .2 | 27 | 27 | | |
| [illegible] / 83 | | | | | | | | | | | | .3 | .8 | 1.2 | 1.5 | .3 | .6 | 34 | 34 | | |
| [illegible] / 81 | | | | | | | | | | .1 | .8 | 1.0 | 1.3 | 1.8 | 1.9 | .1 | .3 | 53 | 53 | | |
| [illegible] / 79 | | | | | | | | .1 | .3 | 1.0 | .3 | 1.4 | 2.4 | 1.0 | .7 | 1.0 | | 62 | 62 | | |
| 79 / 77 | | | | | | | | .4 | .7 | 1.4 | 1.1 | 1.4 | 1.8 | 1.2 | .2 | .4 | | 65 | 63 | | |
| 79 / 75 | | | | | | .1 | .3 | 1.0 | 1.2 | 1.3 | 1.7 | 1.4 | 1.4 | .1 | .2 | | | 71 | 71 | | |
| [illegible] / 73 | | | | | .4 | .3 | .2 | 1.4 | 1.9 | .6 | 1.4 | 1.0 | 1.9 | | .1 | | | 67 | 67 | | |
| [illegible] / 71 | | | .1 | | .2 | 1.0 | 1.7 | 2.4 | .5 | 2.1 | 1.3 | .4 | .4 | .3 | | | | 79 | 79 | | |
| [illegible] / 69 | | | .2 | | .8 | 1.0 | 1.2 | .5 | .7 | 1.4 | 1.0 | .1 | .3 | | | | | 51 | 51 | | |
| [illegible] / 67 | | .1 | | .4 | .4 | .6 | .2 | .4 | .8 | .8 | .8 | .3 | .3 | | | | | 42 | 42 | 3 | 1 |
| 67 / 65 | | | .2 | | .8 | | .3 | .8 | 1.1 | .7 | .6 | | | | | | | 35 | 35 | 9 | 2 |
| [illegible] / 63 | .1 | .4 | .7 | 1.3 | | .3 | .4 | .1 | .3 | .4 | .6 | .1 | | | | | | 34 | 34 | 31 | 4 |
| 67 / 61 | | .1 | .3 | .1 | .4 | .1 | | .1 | .4 | .3 | .1 | | | | | | | 15 | 15 | 70 | 6 |
| [illegible] / 59 | .1 | .3 | .3 | .1 | | .1 | .4 | .6 | .3 | .4 | .3 | | | | | | | 25 | 25 | 111 | 12 |
| [illegible] / 57 | | .4 | | | | | .1 | .1 | .1 | | | | | | | | | 6 | 6 | 140 | 24 |
| [illegible] / 55 | | | | | | .1 | | | .3 | | | | | | | | | 3 | 3 | 89 | 25 |
| [illegible] / 53 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | 91 | 41 |
| [illegible] / 51 | | | | | | | | | | | | | | | | | | | | 62 | 38 |
| [illegible] / 49 | | | | | | | | | | | | | | | | | | | | 46 | 48 |
| [illegible] / 47 | | | | | | | | | | | | | | | | | | | | 31 | 26 |
| [illegible] / 45 | | | | | | | | | | | | | | | | | | | | 17 | 41 |
| [illegible] / 43 | | | | | | | | | | | | | | | | | | | | 11 | 39 |
| [illegible] / 41 | | | | | | | | | | | | | | | | | | | | 4 | 26 |
| [illegible] / 39 | | | | | | | | | | | | | | | | | | | | 5 | 24 |
| [illegible] / 37 | | | | | | | | | | | | | | | | | | | | | 25 |
| [illegible] / 35 | | | | | | | | | | | | | | | | | | | | | 20 |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | 22 |
| [illegible] / 31 | | | | | | | | | | | | | | | | | | | | | 43 |
| [illegible] / 29 | | | | | | | | | | | | | | | | | | | | | 28 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2.14m STATION 23065 AAF TX (EL PASO) STATION NAME 73-80 YEARS JUL MONTH

PAGE 2 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 |
| [illegible] / 27 | | | | | | | | | | | | | | | | | | | | | 15 |
| [illegible] / 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| [illegible] / 23 | | | | | | | | | | | | | | | | | | | | | 15 |
| [illegible] / 21 | | | | | | | | | | | | | | | | | | | | | 12 |
| [illegible] / 19 | | | | | | | | | | | | | | | | | | | | | 7 |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | | 15 |
| 16 / 15 | | | | | | | | | | | | | | | | | | | | | 5 |
| 14 / 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 12 / 11 | | | | | | | | | | | | | | | | | | | | | 4 |
| 10 / 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| 8 / 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 1.9 | 1.9 | 1.9 | 3.5 | 3.6 | 5.3 | 8.2 | 9.6 | 10.4 | 10.5 | 8.1 | 11.3 | 6.3 | 7.1 | 5.6 | 4.3 | | 720 | | 720 |
| | | | | | | | | | | | | | | | | | | 720 | | 720 | |

| 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. | 1044223 | 23742 | 33.0 | 19.765 | 720 | | | | | | | |
| Dry Bulb | 4247647 | 53665 | 74.6 | 7.907 | 720 | | | 75.1 | 53.5 | 24.9 | .5 | 99 |
| Wet Bulb | 2261824 | 40132 | 55.7 | 5.659 | 720 | | | .4 | | | | 40 |
| Dew Point | 1236407 | 26645 | 37.0 | 11.601 | 720 | | 22.5 | .1 | | | | 95 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 — STATION
[illegible]065 AAF TX (EL PASO) — STATION NAME
73-80 — YEARS
JUN — MONTH

PAGE 1 — 0330-0530 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 |
| 8/ 87 | | | | | | | | | | | | | | | | .1 | .3 | | 3 | 3 | | |
| 8/ 85 | | | | | | | | | | | | | | | .6 | | | | 4 | 4 | | |
| 4/ 83 | | | | | | | | | | | | | .4 | .5 | .4 | | | | 10 | 10 | | |
| [illegible]/ 81 | | | | | | | | | | | | .6 | .4 | 1.1 | .1 | .1 | | | 17 | 17 | | |
| [illegible]/ 79 | | | | | | | | | | .1 | .1 | .6 | 1.7 | 1.3 | .3 | | | | 26 | 26 | | |
| 7[illegible]/ 77 | | | | | | | | .4 | .3 | | .6 | 1.3 | 1.1 | .6 | .3 | .1 | | | 32 | 32 | | |
| 76/ 75 | | | | | | | .3 | .7 | .7 | 1.0 | 1.3 | 2.1 | 1.4 | .7 | .4 | | | | 59 | 59 | | |
| [illegible]/ 73 | | | | | | | .3 | 1.3 | 1.5 | .8 | 1.3 | 1.9 | 1.0 | .1 | | | | | 59 | 59 | | |
| [illegible]/ 71 | | | | | .5 | .7 | .1 | 1.9 | 1.3 | 1.1 | 2.2 | .8 | 1.9 | .7 | | | | | 80 | 80 | | |
| 7[illegible]/ 69 | | .1 | | | .1 | 1.0 | 1.7 | 2.2 | 1.9 | 1.1 | 1.5 | 1.4 | .4 | .1 | | | | | 81 | 81 | | |
| [illegible]/ 67 | | .1 | .4 | 1.1 | .9 | 1.5 | 2.5 | .9 | 2.1 | .6 | .8 | .1 | | | | | | | 79 | 79 | 2 | 2 |
| 6/ 65 | .1 | .3 | .5 | .1 | 1.1 | .8 | 1.1 | 1.4 | 1.1 | .6 | 1.4 | .1 | | | | | | | 61 | 61 | 5 | 1 |
| [illegible]/ 65 | | .3 | 1.3 | 1.0 | 1.0 | 1.0 | .1 | .9 | .8 | .7 | .3 | .1 | | | | | | | 51 | 51 | 19 | 4 |
| [illegible]/ 61 | | .3 | .7 | .6 | 1.7 | .8 | .7 | 1.5 | 1.4 | 1.3 | .3 | | | | | | | | 61 | 61 | 40 | 4 |
| [illegible]/ 56 | | | 1.7 | .4 | .3 | .6 | 1.3 | .1 | .6 | .7 | | | | | | | | | 36 | 36 | 70 | 17 |
| / 57 | .5 | | .4 | .1 | .3 | .4 | 1.3 | .3 | .9 | .3 | | | | | | | | | 53 | 33 | 101 | .1 |
| 5/ 55 | | .6 | | | .1 | .4 | | .1 | .3 | | | | | | | | | | 13 | 13 | 112 | 31 |
| [illegible]/ 53 | | | | | .1 | .1 | | .3 | | | | | | | | | | | 4 | 4 | 98 | 43 |
| [illegible]/ 51 | | | .1 | | | .1 | | .4 | .1 | | | | | | | | | | 6 | 6 | 78 | 52 |
| 50/ 49 | | | | | .4 | | | | | | | | | | | | | | 3 | 3 | 72 | 31 |
| [illegible]/ 47 | | | | | | | | | | | | | | | | | | | | | 47 | 38 |
| [illegible]/ 45 | | | | | | | | | | | | | | | | | | | | | 33 | 49 |
| [illegible]/ 43 | | | | | | | | | | | | | | | | | | | | | 22 | 26 |
| [illegible]/ 41 | | | | | | | | | | | | | | | | | | | | | 12 | 33 |
| [illegible]/ 39 | | | | | | | | | | | | | | | | | | | | | 7 | 45 |
| [illegible]/ 37 | | | | | | | | | | | | | | | | | | | | | 3 | 55 |
| [illegible]/ 35 | | | | | | | | | | | | | | | | | | | | | | 61 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 39 |
| [illegible]/ 31 | | | | | | | | | | | | | | | | | | | | | | 41 |
| [illegible]/ 29 | | | | | | | | | | | | | | | | | | | | | | 42 |
| [illegible]/ 27 | | | | | | | | | | | | | | | | | | | | | | 21 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | 16 |
| [illegible]/ 23 | | | | | | | | | | | | | | | | | | | | | | 25 |
| 2/ 21 | | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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...ETAC
...WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 04 (STATION) 1662 AAF IX (EL PASO) (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PAGE 2 (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 |
| -/ 16 | | | | | | | | | | | | | | | | | | | | | 9 |
| 1 / 17 | | | | | | | | | | | | | | | | | | | | | 6 |
| 18/ 15 | | | | | | | | | | | | | | | | | | | | | 5 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .4 | 2.5 | 3.9 | 3.8 | 6.8 | 7.7 | 11.7 | 10.6 | 11.3 | 9.7 | 8.2 | 9.2 | 6.4 | 4.3 | 2.2 | .4 | .2 | 718 | 718 | | 718 |

| 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. | 1961717 | 29061 | 40.5 | 19.954 | 718 | | | | | | | |
| Dry Bulb | 3420066 | 49292 | 68.7 | 7.094 | 718 | | | 56.4 | 26.3 | 6.0 | | 64 |
| Wet Bulb | 2495777 | 38597 | 53.8 | 5.405 | 718 | | | .3 | | | | 5 |
| Dew Point | 1279728 | 29244 | 40.7 | 11.118 | 718 | | 21.2 | .2 | | | | 90 |

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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

# PSYCHROMETRIC SUMMARY

23044 STATION | FIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JUN MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 4/ [illegible] | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| [illegible]/ 91 | | | | | | | | | | | | | | | .1 | | .3 | [illegible] | 3 | | |
| [illegible]/ 89 | | | | | | | | | | | | | | | .4 | .8 | .7 | 14 | 14 | | |
| 88/ 87 | | | | | | | | | | | | | .4 | .1 | .1 | .6 | | 9 | 9 | | |
| 86/ 85 | | | | | | | | | | .1 | | .1 | .3 | .6 | .6 | .1 | .1 | 14 | 14 | | |
| 84/ 83 | | | | | | | | | | .3 | .1 | .1 | .7 | 1.4 | .8 | .1 | .1 | 27 | 27 | | |
| [illegible]/ 81 | | | | | | | | .1 | .4 | .4 | 1.3 | .7 | 1.4 | 1.5 | .7 | | .1 | 48 | 48 | | |
| [illegible]/ 79 | | | | | | | .1 | .1 | 1.3 | 1.7 | .8 | 1.4 | 2.2 | 1.8 | .4 | .3 | | 70 | 70 | | |
| 78/ 77 | | | | | | | .4 | 1.0 | .4 | 2.4 | .8 | 1.1 | 1.0 | .6 | .6 | .3 | | 61 | 61 | | |
| 76/ 75 | | | | | .1 | .1 | .6 | 1.5 | 1.9 | 1.5 | 2.4 | 1.9 | 1.4 | 1.1 | | | | 90 | 90 | | |
| 74/ 73 | | | | | .3 | .6 | .8 | 1.9 | 1.1 | 1.0 | 1.3 | 1.1 | .4 | .1 | .1 | | | 63 | 63 | | |
| [illegible]/ 71 | | | | .1 | .1 | 1.3 | 1.1 | 1.3 | 1.4 | 1.5 | 1.3 | .6 | | | | | | 64 | 64 | | |
| 70/ 69 | | | .1 | 1.0 | .5 | 1.8 | 1.3 | 1.1 | 1.1 | 1.3 | .7 | .7 | .3 | | | | | 73 | 73 | 1 | |
| [illegible]/ 67 | | | .1 | .6 | .8 | 1.0 | .6 | .6 | 1.4 | .7 | .4 | .6 | | | | | | 48 | 48 | 5 | |
| 66/ 65 | | .6 | .4 | .7 | 1.3 | .4 | .7 | .6 | .6 | .4 | .4 | .1 | | | | | | 44 | 44 | 15 | 9 |
| 64/ 63 | | .1 | 1.0 | .6 | .4 | .3 | 1.1 | .6 | .3 | .7 | .1 | | | | | | | 39 | 39 | 57 | 6 |
| [illegible]/ 61 | | .4 | .3 | .3 | .4 | | .4 | .3 | .6 | .1 | | | | | | | | 24 | 24 | 89 | 10 |
| [illegible]/ 59 | | .3 | .3 | .1 | .3 | .6 | .6 | | .1 | | | | | | | | | 16 | 16 | 114 | 22 |
| [illegible]/ 57 | | .1 | .3 | | | .1 | .1 | .1 | .4 | | | | | | | | | 9 | 9 | 108 | 40 |
| 56/ 55 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 96 | 38 |
| [illegible]/ 53 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 77 | 49 |
| [illegible]/ 51 | | | | | | | | | | | | | | | | | | | | 66 | 44 |
| [illegible]/ 49 | | | | | | | | | | | | | | | | | | | | 43 | 52 |
| [illegible]/ 47 | | | | | | | | | | | | | | | | | | | | 23 | 32 |
| [illegible]/ 45 | | | | | | | | | | | | | | | | | | | | 14 | 45 |
| [illegible]/ 43 | | | | | | | | | | | | | | | | | | | | 7 | 32 |
| [illegible]/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 41 |
| [illegible]/ 39 | | | | | | | | | | | | | | | | | | | | | 46 |
| [illegible]/ 37 | | | | | | | | | | | | | | | | | | | | | 61 |
| [illegible]/ 35 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible]/ 33 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible]/ 31 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible]/ 29 | | | | | | | | | | | | | | | | | | | | | 20 |
| [illegible]/ 27 | | | | | | | | | | | | | | | | | | | | | [illegible] |

| 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 XX 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 44 — STATION
3606 AAF TX (EL PASO) — STATION NAME
73-82 — YEARS
JUL — MONTH

PAGE 2 — HOURS (L. S. T.) 0600-0900

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-16 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 77/ 25 | | | | | | | | | | | | | | | | | | | | 10 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 17 |
| 27/ 21 | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible]/ 19 | | | | | | | | | | | | | | | | | | | | 2 |
| 1[illegible]/ 17 | | | | | | | | | | | | | | | | | | | | 7 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 4 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | [illegible] |
| TOTAL | 1.7 | 2.5 | 3.[illegible] | 4.9 | 6.1 | 7.6 | 9.9 | 11.0 | 12.1 | 9.6 | 8.3 | 3.1 | 6.[illegible] | 3.9 | 2.2 | 1.3 | 719 | 719 | 719 | 719 |

| Element (Y) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum | 1.73762 | 22160 | 37.8 | 18.572 | 719 | | | | | | | |
| Dry Bulb | 3912997 | 52767 | 73.4 | 7.[illegible]29 | 719 | | | 73.2 | 50.1 | 19.2 | .1 | 9[illegible] |
| Wet Bulb | 2321679 | 40701 | 56.6 | 4.963 | 719 | | | .9 | | | | 9[illegible] |
| Dew Point | 1420195 | 31025 | 43.2 | 10.651 | 719 | | 14.3 | | | | | 0[illegible] |

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
AFETAC
AT WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2[illegible]44 | [illegible]SC AAF TX (EL PASO) | 73-83 | JUN
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0000-1100 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 |
| 1 [illegible]/1[illegible] | | | | | | | | | | | | | | | | | .3 | 2 | 2 | | |
| 2 [illegible]/1[illegible] | | | | | | | | | | | | | | | | | 1.3 | 9 | 9 | | |
| 1 [illegible]/ [illegible] | | | | | | | | | | | | | | | | | 1.9 | 14 | 14 | | |
| [illegible]/ 97 | | | | | | | | | | | | | | | | .1 | 3.3 | 25 | 25 | | |
| [illegible]/ 95 | | | | | | | | | | | | | | | | 1.4 | 5.6 | 50 | 50 | | |
| [illegible]/ 93 | | | | | | | | | | | | | .1 | .2 | .7 | .6 | 3.3 | 39 | 39 | | |
| [illegible]/ 91 | | | | | | | | | | | .1 | .1 | .3 | 1.1 | 1.4 | 1.6 | 3.9 | 63 | 63 | | |
| [illegible]/ 89 | | | | | | | | | | | .1 | 1.0 | 1.5 | 1.4 | 1.3 | 2.9 | 2.2 | 75 | 75 | | |
| 28/ 87 | | | | | | | | | | | .7 | 1.5 | 1.4 | 1.7 | 1.4 | 1.7 | 1.6 | 67 | 67 | | |
| [illegible]/ 85 | | | | | | | | | .5 | .4 | 1.1 | 1.8 | 1.5 | 1.3 | 1.5 | 1.4 | .7 | 68 | 68 | | |
| 4/ 83 | | | | | | | | .1 | .4 | 1.3 | 2.2 | 1.5 | .7 | 2.1 | 1.4 | .6 | .4 | 75 | 75 | | |
| [illegible]/ 81 | | | | | | | | .4 | 1.1 | 1.4 | 1.3 | 1.4 | 1.4 | .7 | 1.2 | .4 | .1 | 67 | 67 | | |
| [illegible]/ 79 | | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | 66 | 66 | | |
| 7[illegible]/ 77 | | | | | | .1 | .1 | .6 | 1.2 | .6 | .4 | 1.1 | .1 | .1 | .1 | .3 | | 32 | 32 | | |
| [illegible]/ 75 | | | | | | .1 | .7 | .5 | [illegible] | | .8 | .1 | .4 | .1 | | | | 25 | 25 | | |
| 74/ 73 | | | | | .3 | .3 | .4 | .1 | .3 | .4 | | .1 | | | | | | 14 | 14 | | |
| [illegible]/ 71 | | | .1 | .1 | .3 | .6 | .1 | .1 | .1 | | .1 | | | | | | | 12 | 12 | 1 | |
| [illegible]/ 69 | | | .1 | .4 | .3 | .3 | | .3 | .1 | | | | | | | | | 10 | 10 | 10 | |
| [illegible]/ 67 | | | .1 | | .3 | | | | | | | | | | | | | 3 | 3 | 43 | |
| [illegible]/ 65 | | | .1 | | .1 | | | | | | | | | | | | | 2 | 2 | 109 | 1 |
| 64/ 63 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 135 | 8 |
| [illegible]/ 61 | | | | | | | | | | | | | | | | | | | | 128 | 2 |
| [illegible]/ 59 | | | | | | | | | | | | | | | | | | | | 111 | 21 |
| [illegible]/ 57 | | | | | | | | | | | | | | | | | | | | 31 | 43 |
| [illegible]/ [illegible] | | | | | | | | | | | | | | | | | | | | 29 | 42 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 20 | 1 |
| [illegible]/ 51 | | | | | | | | | | | | | | | | | | | | 14 | 55 |
| [illegible]/ 49 | | | | | | | | | | | | | | | | | | | | 4 | 45 |
| [illegible]/ 47 | | | | | | | | | | | | | | | | | | | | | 52 |
| [illegible]/ 45 | | | | | | | | | | | | | | | | | | | | | 44 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 39 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 38 |
| [illegible]/ 39 | | | | | | | | | | | | | | | | | | | | | 58 |
| [illegible]/ 37 | | | | | | | | | | | | | | | | | | | | | 55 |

| 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 26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

2[illegible] 23066 ABF TX (EL PASO) 73-80 JUN
STATION STATION NAME YEARS MONTH

PAGE 2 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] / 35 | | | | | | | | | | | | | | | | | | | | | 36 |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | 36 |
| [illegible] / 31 | | | | | | | | | | | | | | | | | | | | | 37 |
| [illegible] / 29 | | | | | | | | | | | | | | | | | | | | | 24 |
| [illegible] / 27 | | | | | | | | | | | | | | | | | | | | | 10 |
| [illegible] / 25 | | | | | | | | | | | | | | | | | | | | | 16 |
| [illegible] / 23 | | | | | | | | | | | | | | | | | | | | | 7 |
| [illegible] / 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] / 19 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] / 17 | | | | | | | | | | | | | | | | | | | | | 6 |
| [illegible] / 15 | | | | | | | | | | | | | | | | | | | | | 3 |
| [illegible] / 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | .7 | .6 | 1.3 | 1.4 | 1.4 | 3.2 | 5.0 | 5.0 | 8.2 | 10.0 | 9.6 | 10.4 | 9.6 | 11.7 | 24.4 | 720 | 720 | 720 | 720 | 720 |

| 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. | 617873 | 1[illegible]434 | 25.6 | 14.245 | 720 | | | | | | | |
| Dry Bulb | 536425 3 | 61925 | 86.0 | 7.296 | 720 | | | 59.5 | 86.4 | 74.1 | 17.4 | |
| Wet Bulb | 27066[illegible]1 | 44647 | 61.9 | 4.054 | 720 | | | 6.8 | | | | |
| Dew Point | 1440332 | 31323 | 43.5 | 10.398 | 720 | | 14.4 | | | | | |

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 44 — STATION
...1965 AAF TX (EL PASO) — STATION NAME
73-80 — YEARS
JUN — MONTH

PAGE 1 — HOURS (L. S. T.) 1200-1400

| 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 /1.4 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 1.-/107 | | | | | | | | | | | | | | | | | 1.3 | 9 | 9 | | |
| 1 6/105 | | | | | | | | | | | | | | | | | 3.6 | 26 | 26 | | |
| 1 4/102 | | | | | | | | | | | | | | | | | 4.3 | 31 | 31 | | |
| 1 2/101 | | | | | | | | | | | | | | | | | 7.7 | 55 | 55 | | |
| 1 0/ 99 | | | | | | | | | | | | | | | | | 9.2 | 66 | 66 | | |
| 0/ 97 | | | | | | | | | | | | | | .1 | .1 | .6 | 10.2 | 79 | 79 | | |
| 0/ 9 | | | | | | | | | | | | | | .4 | .7 | 1.8 | 8.5 | 62 | 62 | | |
| 94/ 93 | | | | | | | | | | | | | .4 | .8 | 1.6 | 2.1 | 7.5 | 89 | 89 | | |
| 7/ 91 | | | | | | | | | | | | .3 | .4 | 1.1 | 2.1 | 1.5 | 4.7 | 73 | 73 | | |
| / 89 | | | | | | | | | | | .1 | .4 | .8 | 1.4 | 1.7 | 1.8 | 2.4 | 59 | 59 | | |
| 8/ 87 | | | | | | | | | | | .1 | .6 | 1.1 | .6 | 1.4 | .7 | 1.2 | 39 | 39 | | |
| 6/ 8 | | | | | | | | | | .4 | .3 | .7 | .3 | .8 | .6 | 1.4 | .4 | 36 | 36 | | |
| 4/ 83 | | | | | | | | | .1 | | .8 | .6 | .7 | .6 | .6 | .1 | .3 | 27 | 27 | | |
| 2/ 81 | | | | | | | | .3 | .6 | .6 | .3 | | .4 | .3 | | .1 | | 22 | 22 | | |
| / 79 | | | | | | | .1 | .1 | .1 | .1 | .1 | | .4 | .1 | | | | 9 | 9 | | |
| 7-/ 77 | | | | | | | | .3 | .3 | .1 | | | | | | | | 5 | 5 | | |
| 76/ 75 | | | | | | .3 | | .1 | | | | | | | | | | 3 | 3 | | |
| 74/ 73 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 72/ 71 | | | | | .3 | | .1 | | | | | | | | | | | 3 | 3 | 2 | |
| 7./ 69 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 15 | |
| 6./ 67 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 56 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 153 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 161 | 1 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 136 | 6 |
| 6./ 59 | | | | | | | | | | | | | | | | | | | | 99 | 10 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 53 | 15 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 35 | 17 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 5 | 29 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 2 | 30 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 33 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 39 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 66 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 49 |

| 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 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

2 44 STATION | 23065 AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JULY MONTH

PAGE 2 | 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 | | | | | |
| 4[illegible]/ 41 | | | | | | | | | | | | | | | | | | | | | | ≥9 |
| [illegible]/ 39 | | | | | | | | | | | | | | | | | | | | | | ≥9 |
| [illegible]/ 37 | | | | | | | | | | | | | | | | | | | | | | ≥1 |
| [illegible]/ 35 | | | | | | | | | | | | | | | | | | | | | | 15 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 49 |
| [illegible]/ 31 | | | | | | | | | | | | | | | | | | | | | | 93 |
| [illegible]/ 29 | | | | | | | | | | | | | | | | | | | | | | 28 |
| [illegible]/ 27 | | | | | | | | | | | | | | | | | | | | | | 14 |
| [illegible]/ 25 | | | | | | | | | | | | | | | | | | | | | | 20 |
| [illegible]/ 23 | | | | | | | | | | | | | | | | | | | | | | 9 |
| 2[illegible]/ 21 | | | | | | | | | | | | | | | | | | | | | | 15 |
| [illegible]/ 19 | | | | | | | | | | | | | | | | | | | | | | 3 |
| [illegible]/ 17 | | | | | | | | | | | | | | | | | | | | | | 2 |
| [illegible]/ 15 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .1 | .1 | .3 | .4 | .4 | .8 | 1.1 | 1.3 | 1.8 | 2.5 | 4.6 | 6.5 | 8.2 | 10.2 | 11.2 | | 717 | 717 | 717 | 717 | 717 |

| 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. | 2E66>5 | 12475 | 17.4 | 9.860 | 717 | | | | | | | |
| Dry Bulb | 6349151 | 67287 | 93.8 | 6.951 | 717 | | | 90.0 | 89.2 | 37.6 | 55.0 | 90 |
| Wet Bulb | 2812748 | 44840 | 62.5 | 3.451 | 717 | | | 9.2 | | | | 9[illegible] |
| Dew Point | 1234023 | 29001 | 40.4 | 9.230 | 717 | | 19.6 | | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

23044 | EIGS AAF TX (EL PASO) | 73-80 | JUN

STATION | STATION NAME | YEARS | 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 |
| 111/105 | | | | | | | | | | | | | | | | | 1.0 | 7 | 7 | | |
| 106/107 | | | | | | | | | | | | | | | | | 2.9 | 21 | 21 | | |
| 101/105 | | | | | | | | | | | | | | | | | 5.2 | 38 | 38 | | |
| 104/103 | | | | | | | | | | | | | | | | | 8.2 | 59 | 59 | | |
| 102/101 | | | | | | | | | | | | | | | | | 9.3 | 67 | 67 | | |
| 100/ 99 | | | | | | | | | | | | | | | | .6 | 11.0 | 83 | 83 | | |
| 98/ 97 | | | | | | | | | | | | | | | | .1 | 11.0 | 80 | 80 | | |
| 96/ 95 | | | | | | | | | | | | | | .1 | .4 | .4 | 9.9 | 78 | 78 | | |
| 94/ 93 | | | | | | | | | | | | .4 | | .9 | 1.3 | 7.3 | | 75 | 75 | | |
| 92/ 91 | | | | | | | | | | | | .1 | .1 | .6 | 1.7 | .7 | 5.1 | 60 | 60 | | |
| 90/ 89 | | | | | | | | | | | | .4 | .1 | 1.4 | 1.5 | 2.4 | 1.9 | 56 | 56 | | |
| 88/ 87 | | | | | | | | | | | .6 | .3 | .7 | .3 | .6 | 1.4 | 1.0 | 34 | 34 | | |
| 86/ 85 | | | | | | | | | | .1 | .6 | .1 | .3 | .6 | .6 | .8 | .1 | 23 | 23 | | |
| 84/ 83 | | | | | | | | | | .1 | .1 | .1 | .3 | .6 | .4 | .7 | | 14 | 14 | | |
| 82/ 81 | | | | | | | | | | .4 | | | .1 | | | | | 4 | 4 | | |
| 80/ 79 | | | | | | | .2 | | .2 | | | | | | | | | 4 | 4 | | |
| 78/ 77 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | | | | .1 | | .1 | .1 | | | | | | | | | 3 | 3 | | |
| 74/ 73 | | | | | .1 | | .1 | .1 | | | | | | | | | | 3 | 3 | | |
| 72/ 71 | | | | .3 | .3 | | .1 | | | | | | | | | | | 5 | 5 | | |
| 70/ 69 | | | | .3 | .1 | .1 | | | | | | | | | | | | 4 | 4 | 10 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 50 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 124 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 179 | 4 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 154 | 5 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 121 | 6 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 57 | 8 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 16 | 11 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 6 | 16 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 9 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 29 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 25 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 47 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 9 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

23044 (STATION) AIGGS AAF TX (EL PASO) (STATION NAME) 73-87 (YEARS) (1113) (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 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 49 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 56 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 61 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 75 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 55 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 72 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 42 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 31 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 14 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 22 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 12 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 6 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | | | .6 | .6 | .4 | .6 | .3 | .4 | .7 | 1.3 | 1.1 | 1.7 | 3.9 | 6.0 | 7.9 | 74.7 | 719 | 719 | 719 | 719 |

| 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. | 232384 | 10806 | 15.0 | 9.872 | 719 | | | | | | | |
| Dry Bulb | 6635610 | 68286 | 95.0 | 7.059 | 719 | | | 90.0 | 88.9 | 87.7 | 63.6 | 90 |
| Wet Bulb | 2801992 | 44830 | 62.4 | 3.082 | 719 | | | 7.5 | | | | 90 |
| Dew Point | 1094398 | 27300 | 38.0 | 8.975 | 719 | | 25.8 | | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2492

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JUN MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 108/107 | | | | | | | | | | | | | | | | | .6 | 4 | 4 | | |
| 106/105 | | | | | | | | | | | | | | | | | 1.7 | 12 | 12 | | |
| 104/103 | | | | | | | | | | | | | | | | | 1.9 | 14 | 14 | | |
| 102/101 | | | | | | | | | | | | | | | | | 4.2 | 30 | 30 | | |
| 100/ 99 | | | | | | | | | | | | | | | | | 4.7 | 34 | 34 | | |
| 98/ 97 | | | | | | | | | | | | | | | | .1 | 7.9 | 58 | 58 | | |
| 96/ 95 | | | | | | | | | | | | | | | .1 | .4 | 9.0 | 69 | 69 | | |
| 94/ 93 | | | | | | | | | | | | | | | .6 | .6 | 7.8 | 64 | 64 | | |
| 92/ 91 | | | | | | | | | | | | | | .1 | .8 | 3.2 | 6.7 | 78 | 78 | | |
| 90/ 89 | | | | | | | | | | | | | .7 | .8 | 1.9 | 2.2 | 5.1 | 76 | 76 | | |
| 88/ 87 | | | | | | | | | | | .4 | .8 | .3 | 1.9 | 1.1 | 2.1 | 1.9 | 57 | 57 | | |
| 86/ 85 | | | | | | | | | | .1 | .6 | 1.0 | 1.4 | 1.0 | 1.7 | 1.7 | 1.0 | 60 | 60 | | |
| 84/ 83 | | | | | | | | | .1 | .3 | .6 | 1.0 | .7 | 1.1 | 1.1 | .6 | .1 | 40 | 40 | | |
| 82/ 81 | | | | | | | | .1 | .1 | .3 | .3 | 1.0 | .6 | .8 | .8 | .3 | .1 | 32 | 32 | | |
| 80/ 79 | | | | | | | | .1 | .6 | .4 | .3 | | .8 | .7 | .3 | | | 23 | 23 | | |
| 78/ 77 | | | | | | .3 | | .1 | .4 | .3 | | .4 | .3 | .7 | | | | 18 | 18 | | |
| 76/ 75 | | | | | .1 | .1 | | .4 | .1 | | | .4 | .1 | | .1 | | | 11 | 11 | | |
| 74/ 73 | | | | .1 | .1 | .1 | .3 | .3 | | | .3 | .1 | .4 | .1 | | | | 14 | 14 | | |
| 72/ 71 | | | | | .1 | .3 | .4 | .1 | | | | | | | | | | 7 | 7 | 1 | |
| 70/ 69 | | .1 | | .1 | .1 | .4 | | | | | | | | | | | | 6 | 6 | 2 | |
| 68/ 67 | | .1 | | .3 | | | | | | | | | | | | | | 3 | 3 | 21 | 1 |
| 66/ 65 | | .1 | .6 | | .1 | | | | | | | | | | | | | 6 | 6 | 53 | 2 |
| 64/ 63 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 140 | 5 |
| 62/ 61 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 157 | 4 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 139 | 8 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 95 | 8 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 65 | 15 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 32 | 27 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 10 | 23 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 5 | 17 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 23 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 43 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 33 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 53 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 65 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 46 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 57 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 58 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 66 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 56 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 34 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 23 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 13 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 14 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 10 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 7 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 3 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 5 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .4 | .6 | .8 | .7 | 1.3 | .7 | 1.3 | 1.4 | 1.4 | 2.4 | 4.7 | 5.3 | 6.7 | 8.6 | 11.1 | 52.8 | | 720 | | 720 |
| | | | | | | | | | | | | | | | | | | 720 | | 720 | |

| 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. | 389158 | 13502 | 18.8 | 13.751 | 720 | | | | | | | |
| Dry Bulb | 5869574 | 64740 | 89.9 | 8.202 | 720 | | | 89.0 | 87.0 | 80.3 | 35.6 | 90 |
| Wet Bulb | 2631288 | 43448 | 60.3 | 3.624 | 720 | | | 3.0 | | | | 90 |
| Dew Point | 1101777 | 27215 | 37.8 | 10.082 | 720 | | 29.0 | .1 | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | JUN (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 |
| 98/ 97 | | | | | | | | | | | | | | | | | .3 | 6 | 6 | | |
| 96/ 95 | | | | | | | | | | | | | | | | | 1.3 | 9 | 9 | | |
| 94/ 93 | | | | | | | | | | | | | | | .1 | .1 | 4.0 | 31 | 31 | | |
| 92/ 91 | | | | | | | | | | | | | | .1 | .7 | .8 | 3.8 | 39 | 39 | | |
| 90/ 89 | | | | | | | | | | | | | .1 | .3 | 1.9 | 1.5 | 3.1 | 50 | 50 | | |
| 88/ 87 | | | | | | | | | | | | .3 | .3 | .7 | .6 | 1.8 | 2.5 | 44 | 44 | | |
| 86/ 85 | | | | | | | | | | .3 | .1 | .6 | .6 | 1.4 | 1.5 | 1.7 | 1.5 | 55 | 55 | | |
| 84/ 83 | | | | | | | | | .4 | | 1.0 | 1.4 | 1.8 | 1.8 | 2.4 | 1.3 | 1.3 | 81 | 81 | | |
| 82/ 81 | | | | | | | | .3 | .3 | .8 | 1.4 | 1.9 | 1.9 | 1.7 | 1.5 | .3 | .1 | 74 | 74 | | |
| 80/ 79 | | | | | | | | .3 | 1.4 | 1.4 | 1.1 | .4 | 1.3 | 3.5 | .4 | .3 | .1 | 73 | 73 | | |
| 78/ 77 | | | | | | | .4 | .7 | 1.3 | 1.3 | .7 | 1.3 | .7 | 1.1 | .3 | .1 | | 56 | 56 | | |
| 76/ 75 | | | | | .1 | .1 | .4 | .8 | 1.4 | .7 | .8 | .7 | 1.4 | .6 | .1 | | | 52 | 52 | | |
| 74/ 73 | | | | | .3 | .1 | 1.4 | .6 | .1 | .3 | .8 | 1.4 | 1.1 | .1 | | | | 45 | 45 | | |
| 72/ 71 | | | | .1 | .1 | .3 | .4 | .6 | .1 | .3 | .7 | | .3 | | | | | 21 | 21 | | |
| 70/ 69 | | | .1 | .1 | .1 | .7 | .3 | | .1 | 1.1 | .4 | .4 | .3 | | | | | 27 | 27 | | |
| 68/ 67 | | | .1 | .3 | .3 | .3 | | | .1 | .3 | .1 | .3 | | | | | | 13 | 13 | 9 | |
| 66/ 65 | .1 | | .1 | .6 | .1 | .1 | | .1 | .6 | .1 | .3 | .1 | | | | | | 17 | 17 | 25 | 3 |
| 64/ 63 | .3 | .1 | | .6 | .1 | | | .3 | | .1 | .3 | | | | | | | 13 | 13 | 63 | 4 |
| 62/ 61 | .1 | .4 | .3 | | | | | | | .3 | | | | | | | | 8 | 8 | 116 | 6 |
| 60/ 59 | | .3 | | | | | | | .1 | | | | | | | | | 3 | 3 | 136 | 13 |
| 58/ 57 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 103 | 19 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 90 | 34 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 80 | 34 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 56 | 25 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 22 | 40 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 10 | 27 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 6 | 39 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 3 | 33 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 27 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 43 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 47 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 67 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 36 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 60 |

| 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 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 43 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 26 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 23 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 18 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 21 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 9 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 6 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 7 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .6 | 1.1 | .7 | 1.7 | 1.3 | 1.7 | 2.9 | 3.6 | 6.0 | 7.0 | 7.8 | 8.8 | 9.7 | 11.3 | 9.6 | 7.9 | 18.5 | 719 | 719 | 719 | 719 |

| 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. | 728592 | 19128 | 26.6 | 17.493 | 719 | | | | | | | |
| Dry Bulb | 4740334 | 58096 | 80.8 | 8.014 | 719 | | | 84.6 | 77.0 | 55.0 | 5.8 | 90 |
| Wet Bulb | 2413056 | 41528 | 57.8 | 4.491 | 719 | | | 1.1 | | | | 90 |
| Dew Point | 1195192 | 26136 | 39.1 | 11.452 | 719 | | 27.8 | | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 — STATION
BIGGS AAF TX (EL PASO) — STATION NAME
73-80 — YEARS
JUN — 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 |
| 110/109 | | | | | | | | | | | | | | | | | .1 | 8 | 8 | | |
| 108/107 | | | | | | | | | | | | | | | | | .6 | 34 | 34 | | |
| 106/105 | | | | | | | | | | | | | | | | | 1.3 | 76 | 76 | | |
| 104/103 | | | | | | | | | | | | | | | | | 1.8 | 106 | 106 | | |
| 102/101 | | | | | | | | | | | | | | | | | 2.8 | 161 | 161 | | |
| 100/ 99 | | | | | | | | | | | | | | | | .1 | 3.4 | 197 | 197 | | |
| 98/ 97 | | | | | | | | | | | | | | .0 | .0 | .1 | 4.2 | 248 | 248 | | |
| 96/ 95 | | | | | | | | | | | | | | .1 | .2 | .5 | 4.3 | 289 | 289 | | |
| 94/ 93 | | | | | | | | | | | | | .1 | .2 | .5 | .6 | 3.9 | 302 | 302 | | |
| 92/ 91 | | | | | | | | | | | .0 | .1 | .1 | .4 | .9 | 1.0 | 3.2 | 323 | 323 | | |
| 90/ 89 | | | | | | | | | | | .3 | .2 | .4 | .7 | 1.1 | 1.6 | 2.1 | 351 | 351 | | |
| 88/ 87 | | | | | | | | | | | .2 | .4 | .5 | .6 | .7 | 1.3 | 1.0 | 275 | 275 | | |
| 86/ 85 | | | | | | | | | .0 | .2 | .3 | .6 | .6 | .7 | 1.0 | 1.0 | .5 | 286 | 286 | | |
| 84/ 83 | | | | | | | | .0 | .1 | .2 | .6 | .6 | .8 | 1.2 | 1.1 | .4 | .3 | 308 | 308 | | |
| 82/ 81 | | | | | | | | .2 | .3 | .5 | .7 | .8 | .9 | 1.1 | .8 | .2 | .1 | 317 | 317 | | |
| 80/ 79 | | | | | | | .1 | .2 | .7 | .8 | .6 | .6 | 1.2 | 1.2 | .3 | .2 | .0 | 333 | 333 | | |
| 78/ 77 | | | | | | .1 | .1 | .4 | .5 | .7 | .5 | .8 | .6 | .5 | .2 | .2 | | 268 | 268 | | |
| 76/ 75 | | | | | .1 | .1 | .3 | .7 | .8 | .6 | .9 | .8 | .8 | .3 | .1 | | | 314 | 314 | | |
| 74/ 73 | | | | .0 | .2 | .2 | .5 | .7 | .6 | .4 | .6 | .7 | .6 | .1 | .0 | | | 266 | 266 | | |
| 72/ 71 | | | .0 | .1 | .4 | .4 | .7 | .7 | .4 | .8 | .5 | .4 | .2 | .0 | | | | 271 | 271 | 4 | |
| 70/ 69 | | .0 | .1 | .3 | .4 | .7 | .6 | .4 | .4 | .7 | .4 | .2 | .1 | | | | | 253 | 253 | 38 | |
| 68/ 67 | | .1 | .1 | .3 | .3 | .4 | .4 | .2 | .6 | .3 | .3 | .2 | .0 | | | | | 190 | 190 | 190 | 4 |
| 66/ 65 | .0 | .1 | .2 | .2 | .5 | .2 | .3 | .4 | .4 | .2 | .3 | .1 | | | | | | 165 | 165 | 493 | 11 |
| 64/ 63 | .1 | .1 | .3 | .5 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .0 | | | | | | 140 | 140 | 786 | 36 |
| 62/ 61 | .0 | .2 | .2 | .1 | .2 | .1 | .1 | .3 | .3 | .2 | .1 | | | | | | | 109 | 109 | 890 | 49 |
| 60/ 59 | .0 | .2 | .2 | .1 | .1 | .2 | .3 | .1 | .1 | .1 | .0 | | | | | | | 80 | 80 | 901 | 109 |
| 58/ 57 | .0 | .2 | .1 | .0 | .0 | .1 | .2 | .1 | .2 | .0 | | | | | | | | 50 | 50 | 737 | 178 |
| 56/ 55 | | .1 | | | .0 | .1 | | .0 | .1 | | | | | | | | | 17 | 17 | 564 | 213 |
| 54/ 53 | | | | | .0 | .0 | | .0 | .0 | | | | | | | | | 6 | 6 | 415 | 280 |
| 52/ 51 | | | .0 | | | .0 | | .1 | .0 | | | | | | | | | 6 | 6 | 290 | 276 |
| 50/ 49 | | | | | .1 | | | | | | | | | | | | | 3 | 3 | 192 | 294 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 111 | 246 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 67 | 374 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 43 | 299 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2/044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUN (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 17 | 326 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 12 | 426 |
| 39/ 37 | | | | | | | | | | | | | | | | | | | | 3 | 445 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 446 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 344 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 416 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 266 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 176 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 142 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 127 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 109 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 49 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 46 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 27 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 21 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 16 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .2 | 1.0 | 1.3 | 1.7 | 2.4 | 2.8 | 3.8 | 4.7 | 5.8 | 5.9 | 6.2 | 6.6 | 6.9 | 7.1 | 6.8 | 7.1 | 29.7 | | 5752 | | 5752 |
| | | | | | | | | | | | | | | | | | | 5752 | | 5752 | |

| 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. | 6034366 | 154308 | 26.8 | 18.151 | 5752 | | | | | | | |
| Dry Bulb | 40339828 | 476698 | 82.9 | 17.038 | 5752 | | | 647.9 | 558.5 | 434.7 | 177.9 | 720 |
| Wet Bulb | 20034815 | 338093 | 58.8 | 5.312 | 5752 | | | 29.0 | | | | 720 |
| Dew Point | 10002052 | 231888 | 40.3 | 10.661 | 5752 | | 174.5 | .5 | | | | 720 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (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 |
| 94/ 93 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 92/ 91 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 90/ 89 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 88/ 87 | | | | | | | | | | | .1 | | | .4 | .1 | .1 | .1 | 7 | 7 | | |
| 86/ 85 | | | | | | | | | | .5 | .3 | .4 | .8 | .1 | .1 | | | 17 | 17 | | |
| 84/ 83 | | | | | | | | | .3 | .4 | .9 | 2.6 | 1.1 | 1.3 | | .3 | | 51 | 51 | | |
| 82/ 81 | | | | | | .3 | | .3 | .8 | 2.2 | 3.0 | 1.2 | .9 | .7 | .1 | | | 70 | 70 | | |
| 80/ 79 | | | | | .1 | | | 1.2 | 1.6 | 3.2 | 1.9 | 1.3 | .2 | .1 | | | | 77 | 77 | | |
| 78/ 77 | | | | | | .3 | 1.2 | 2.3 | 3.0 | 1.3 | .3 | .7 | .1 | .1 | | | | 69 | 69 | | |
| 76/ 75 | | | .1 | .1 | .5 | 1.9 | 2.3 | 2.8 | 1.6 | .1 | .4 | .1 | | | | | | 75 | 75 | | |
| 74/ 73 | | | .3 | .9 | 2.2 | 2.7 | 3.1 | 1.1 | .3 | .3 | .1 | | | | | | | 81 | 81 | | |
| 72/ 71 | | .1 | 1.3 | .9 | 4.8 | 3.1 | 1.2 | .3 | .1 | | | | | | | | | 89 | 89 | 5 | |
| 70/ 69 | | .5 | 3.1 | 4.2 | 2.7 | 1.3 | .6 | .1 | .5 | | | | | | | | | 97 | 97 | 9 | 4 |
| 68/ 67 | .3 | 1.5 | 4.2 | 1.9 | .7 | .4 | .1 | | | | | | | | | | | 67 | 67 | 49 | 15 |
| 66/ 65 | | 1.7 | 1.6 | .5 | | | | | | | | | | | | | | 29 | 29 | 121 | 23 |
| 64/ 63 | .3 | .4 | | .1 | .1 | | | | | | | | | | | | | 7 | 7 | 238 | 71 |
| 62/ 61 | .4 | .1 | | .1 | | | | | | | | | | | | | | 5 | 5 | 185 | 86 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 63 | 84 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 47 | 81 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 23 | 65 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 3 | 54 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 62 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 45 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 42 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 11 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 21 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 14 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 15 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 17 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 6 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| 32/ 29 | | | | | | | | | | | | | | | | | | | | | 3 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF 1X (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (MONTH)

PAGE 2 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 | .9 | 4.4 | 10.6 | 8.9 | 11.2 | 9.9 | 8.5 | 8.1 | 8.2 | 8.1 | 7.0 | 6.3 | 3.8 | 2.8 | .4 | .7 | .3 | 744 | 744 | 744 | 744 |

| 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. | 2615551 | 41383 | 54.7 | 20.870 | 744 | | | | | | | |
| Dry Bulb | 4190869 | 55675 | 74.8 | 5.754 | 744 | | | 87.9 | 56.3 | 23.4 | .1 | 93 |
| Wet Bulb | 2931280 | 46646 | 62.7 | 3.014 | 744 | | | 7.9 | | | | 93 |
| Dew Point | 2297168 | 40950 | 55.0 | 7.631 | 744 | | .6 | 2.4 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | CIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JUL 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 |
| 90/ 89 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 88/ 87 | | | | | | | | | | | | | | .1 | .1 | .1 | | 3 | 3 | | |
| 86/ 85 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 84/ 83 | | | | | | | | | .1 | | | | .1 | .3 | | | | 4 | 4 | | |
| 82/ 81 | | | | | | | | | .3 | .4 | 1.2 | .3 | .1 | | | | | 17 | 17 | | |
| 80/ 79 | | | | | .1 | | .1 | .3 | 1.1 | 1.7 | .9 | .4 | .3 | | | | | 37 | 37 | | |
| 78/ 77 | | | | .1 | .1 | | .9 | 1.5 | 1.6 | 1.7 | .5 | .9 | | .1 | | | | 57 | 57 | | |
| 76/ 75 | | | .1 | | .1 | 1.1 | 2.2 | 2.8 | 2.3 | .7 | 1.2 | .7 | .1 | | | | | 84 | 84 | | |
| 74/ 73 | | | .1 | .3 | 1.3 | 1.5 | 3.8 | 1.9 | 1.1 | .5 | .7 | | .1 | | | | | 84 | 84 | | |
| 72/ 71 | | .3 | .8 | 1.3 | 4.2 | 2.4 | .9 | .7 | .5 | .5 | .3 | | | | | | | 89 | 89 | 3 | |
| 70/ 69 | | .5 | 2.4 | 4.4 | 4.2 | 2.6 | .5 | .5 | .3 | .3 | | | | | | | | 117 | 117 | 6 | 1 |
| 68/ 67 | .4 | 1.6 | 4.3 | 5.1 | 2.2 | .8 | .4 | .3 | | .1 | | | | | | | | 111 | 111 | 29 | 16 |
| 66/ 65 | | 3.5 | 4.6 | 2.6 | .4 | .4 | .5 | .3 | | | | | | | | | | 91 | 92 | 85 | 28 |
| 64/ 63 | .1 | 2.6 | 1.7 | .4 | | | | | | | | | | | | | | 36 | 36 | 203 | 62 |
| 62/ 61 | .5 | .1 | .5 | .1 | | | | | | | | | | | | | | 10 | 10 | 205 | 98 |
| 60/ 59 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 114 | 93 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 40 | 105 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 29 | 86 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 22 | 54 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 5 | 52 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | 36 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 26 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 19 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 14 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 16 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 13 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 19 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.1 | 8.6 | 14.4 | 14.5 | 12.7 | 8.7 | 9.4 | 8.2 | 7.7 | 6.1 | 4.8 | 2.3 | .8 | .8 | .1 | .1 | | | 744 | | 743 |
| | | | | | | | | | | | | | | | | | | 743 | | 743 | |

| 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. | 3108651 | 45663 | 61.5 | 20.185 | 743 | | | | | | | |
| Dry Bulb | 3796652 | 53018 | 71.3 | 4.997 | 744 | | | 75.6 | 36.0 | 5.6 | | 93 |
| Wet Bulb | 2843115 | 45897 | 61.8 | 3.271 | 743 | | | 4.8 | | | | 93 |
| Dew Point | 2345309 | 41403 | 55.7 | 7.172 | 743 | | .4 | 2.1 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JJJJ 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 |
| 92/ 91 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 88/ 87 | | | | | | | | | | | .1 | .1 | .5 | .1 | .4 | .1 | | 11 | 11 | | |
| 86/ 85 | | | | | | | | | .1 | .1 | .4 | .9 | .5 | .3 | .4 | | .1 | 22 | 22 | | |
| 84/ 83 | | | | | | | .1 | .1 | .8 | .7 | 1.6 | .5 | .1 | .4 | .1 | .1 | | 35 | 35 | | |
| 82/ 81 | | | | | | .1 | | .8 | .7 | 1.7 | 1.5 | .1 | .4 | .1 | .1 | | | 42 | 42 | | |
| 80/ 79 | | | | | | .1 | .5 | 2.0 | 3.0 | 2.2 | 1.1 | .5 | .3 | .1 | | | | 73 | 73 | | |
| 78/ 77 | | | | | .3 | .5 | 1.5 | 2.2 | 1.7 | .9 | .5 | .4 | .1 | | | | | 61 | 61 | | |
| 76/ 75 | | | | .3 | .3 | 2.3 | 3.5 | 3.2 | 1.5 | .5 | .1 | | .1 | | | | | 88 | 88 | | |
| 74/ 73 | | | .1 | 1.1 | 3.2 | 4.3 | 3.0 | 1.9 | | .4 | .4 | | | | | | | 107 | 107 | | |
| 72/ 71 | | .4 | .7 | 1.3 | 4.7 | 1.3 | .8 | .5 | .1 | .4 | .1 | | | | | | | 78 | 78 | 2 | |
| 70/ 69 | | .9 | 1.1 | 6.0 | 2.6 | 1.1 | | .4 | | | | | | | | | | 90 | 90 | 21 | |
| 68/ 67 | .1 | 2.2 | 3.5 | 2.0 | 1.3 | .4 | .1 | .1 | .1 | | | | | | | | | 74 | 74 | 60 | 19 |
| 66/ 65 | | 2.0 | 2.7 | .3 | .4 | .3 | .3 | | | | | | | | | | | 44 | 44 | 151 | 30 |
| 64/ 63 | .3 | .5 | .8 | | | | | | | | | | | | | | | 12 | 12 | 243 | 65 |
| 62/ 61 | .4 | .1 | .1 | .1 | | | | | | | | | | | | | | 6 | 6 | 142 | 90 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 68 | 136 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 26 | 88 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 22 | 86 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 6 | 64 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 3 | 45 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 36 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 18 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 14 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 10 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 7 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 19 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 9 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .8 | 6.2 | 9.0 | 11.2 | 12.8 | 10.5 | 9.8 | 11.3 | 8.1 | 7.0 | 5.9 | 2.7 | 2.2 | 1.1 | 1.1 | .3 | .3 | 744 | 744 | 744 | 744 |

| 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. | 2723890 | 42620 | 57.3 | 19.496 | 744 | | | | | | | |
| Dry Bulb | 4115614 | 55170 | 74.2 | 5.752 | 744 | | | 85.3 | 55.0 | 19.8 | | 93 |
| Wet Bulb | 2969243 | 46945 | 63.1 | 3.092 | 744 | | | 10.4 | | | | 93 |
| Dew Point | 2399360 | 41938 | 56.4 | 6.901 | 744 | | .8 | 2.4 | | | | 93 |

FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC 2497

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) PIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (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 |
| 112/101 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 100/ 99 | | | | | | | | | | | | | | | | | .7 | 5 | 5 | | |
| 98/ 97 | | | | | | | | | | | | | | | .3 | | .4 | 5 | 5 | | |
| 96/ 95 | | | | | | | | | | | | | | .1 | .4 | 2.2 | 1.1 | 26 | 28 | | |
| 94/ 93 | | | | | | | | | | | | .1 | .4 | 1.5 | 1.5 | 1.1 | 1.2 | 43 | 43 | | |
| 92/ 91 | | | | | | | | | | | .1 | .9 | 1.5 | 3.0 | 1.3 | .4 | .7 | 59 | 59 | | |
| 90/ 89 | | | | | | | | | | | 1.7 | 1.9 | 4.2 | 1.9 | 1.1 | .9 | .1 | 88 | 88 | | |
| 88/ 87 | | | | | | | | | .3 | .8 | 2.7 | 3.6 | 2.2 | .1 | | | | 72 | 72 | | |
| 86/ 85 | | | | | | | .1 | | .7 | 2.3 | 3.6 | 3.0 | .4 | .1 | .3 | | | 78 | 78 | | |
| 84/ 83 | | | | | | | .1 | .9 | 2.9 | 3.0 | 2.6 | .4 | .1 | .1 | | | | 75 | 75 | | |
| 82/ 81 | | | | | | .3 | .9 | 3.8 | 3.5 | 2.4 | .3 | | .1 | | | | | 84 | 84 | | |
| 80/ 79 | | | | | .1 | .4 | 1.3 | 4.3 | 1.3 | .5 | | | | | | | | 60 | 60 | | |
| 78/ 77 | | | | | .4 | 1.1 | 3.6 | 1.2 | .7 | | | | | | | | | 52 | 52 | | |
| 76/ 75 | | | .1 | .1 | 1.2 | 2.3 | .9 | .7 | | | | | | | | | | 40 | 40 | | |
| 74/ 73 | | | .3 | .5 | 1.2 | 1.5 | .1 | | | | | | | | | | | 27 | 27 | 3 | |
| 72/ 71 | | | .4 | .4 | .5 | | | | | | | | | | | | | 10 | 10 | 13 | 1 |
| 70/ 69 | .1 | .1 | .4 | .7 | | | | | | | | | | | | | | 10 | 10 | 95 | 5 |
| 68/ 67 | | .3 | .5 | .1 | | | | | | | | | | | | | | 7 | 7 | 195 | 8 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 275 | 24 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 109 | 49 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 41 | 79 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 10 | 114 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 3 | 99 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 83 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 97 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 61 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 43 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 22 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 20 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 4 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 5 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 5 |

| 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 | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (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 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| 30/ 2/ | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .1 | .4 | 1.7 | 1.9 | 3.9 | 5.5 | 7.3 | 10.9 | 9.3 | 9.0 | 11.0 | 9.9 | 8.9 | 6.9 | 4.8 | 4.6 | 1.3 | 744 | 744 | 744 | 744 |

| Element (X) | $\sum X$ | $\sum X^2$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1398382 | 30002 | 40.3 | 15.930 | 744 | | | | | | | |
| Dry Bulb | 1340457 | 62843 | 84.5 | 6.597 | 744 | | | 93.0 | 89.6 | 71.1 | 10.3 | 93 |
| Wet Bulb | 3247173 | 49121 | 66.0 | 2.339 | 744 | | | 38.3 | .4 | | | 93 |
| Dew Point | 2340112 | 41452 | 55.7 | 6.419 | 744 | | .4 | 1.5 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

6498

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 |
| 108/107 | | | | | | | | | | | | | | | | | .7 | 5 | 5 | | |
| 106/105 | | | | | | | | | | | | | | | | | .5 | 4 | 4 | | |
| 104/103 | | | | | | | | | | | | | | | | | 1.6 | 12 | 12 | | |
| 102/101 | | | | | | | | | | | | | | | | | 4.0 | 30 | 30 | | |
| 100/ 99 | | | | | | | | | | | | | | | .4 | .7 | 5.6 | 50 | 50 | | |
| 98/ 97 | | | | | | | | | | | | | | .3 | 1.6 | 1.7 | 7.0 | 79 | 79 | | |
| 96/ 95 | | | | | | | | | | | | | | 1.9 | 3.2 | 4.8 | 2.4 | 92 | 92 | | |
| 94/ 93 | | | | | | | | | | | | .4 | 2.0 | 3.9 | 3.2 | 2.3 | .8 | 94 | 94 | | |
| 92/ 91 | | | | | | | | | | | .1 | .9 | 3.0 | 4.3 | 1.2 | .1 | .1 | 73 | 73 | | |
| 90/ 89 | | | | | | | | | | .9 | 1.9 | 3.1 | 2.7 | .9 | | .3 | | 67 | 67 | | |
| 88/ 87 | | | | | | | | | .3 | .9 | 5.0 | 1.9 | .8 | .3 | .1 | | | 68 | 68 | | |
| 86/ 85 | | | | | | | | .1 | .5 | 3.1 | 2.0 | .4 | .3 | | | | | 48 | 48 | | |
| 84/ 83 | | | | | | | .1 | 1.1 | 1.2 | 1.1 | .8 | .5 | | | | | | 36 | 36 | | |
| 82/ 81 | | | | | | .1 | .5 | 1.2 | 1.3 | .8 | | | | | | | | 30 | 30 | | |
| 80/ 79 | | | | | | .1 | 1.5 | .8 | .4 | .1 | | | | | | | | 22 | 22 | | |
| 78/ 77 | | | | | .3 | .5 | .5 | | | | | | | | | | | 10 | 10 | | |
| 76/ 75 | | | | .1 | .1 | .4 | .3 | | | | | | | | | | | 7 | 7 | | |
| 74/ 73 | | | .3 | .1 | .7 | | | | | | | | | | | | | 8 | 8 | 1 | |
| 72/ 71 | | | | .3 | .4 | | | | | | | | | | | | | 5 | 5 | 28 | |
| 70/ 69 | | .1 | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 127 | 1 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 268 | 7 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 234 | 7 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 67 | 31 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 18 | 40 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 1 | 78 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 93 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 87 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 72 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 74 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 82 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 62 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 48 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 22 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 19 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) 1111 (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 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 11 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 6 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .1 | .5 | .7 | 1.5 | 1.2 | 3.0 | 3.2 | 3.8 | 6.5 | 9.4 | 7.3 | 8.7 | 11.6 | 9.8 | 9.9 | 22.8 | 744 | 744 | 744 | 744 |

| 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. | 804369 | 22287 | 30.0 | 13.566 | 744 | | | | | | | |
| Dry Bulb | 6240286 | 67938 | 91.3 | 7.015 | 744 | | | 93.0 | 91.9 | 87.8 | 45.8 | 93 |
| Wet Bulb | 3326989 | 49743 | 66.9 | 2.084 | 744 | | | 53.0 | .1 | | | 93 |
| Dew Point | 2141196 | 39620 | 53.3 | 6.493 | 744 | | .4 | 1.0 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (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 |
| 112/111 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 110/109 | | | | | | | | | | | | | | | | | .8 | 6 | 6 | | |
| 108/107 | | | | | | | | | | | | | | | | | 1.2 | 9 | 9 | | |
| 106/105 | | | | | | | | | | | | | | | | | 1.6 | 12 | 12 | | |
| 104/103 | | | | | | | | | | | | | | | | | 3.0 | 22 | 22 | | |
| 102/101 | | | | | | | | | | | | | | | | .3 | 5.8 | 45 | 45 | | |
| 100/ 99 | | | | | | | | | | | | | | | .4 | 1.1 | 9.5 | 82 | 82 | | |
| 98/ 97 | | | | | | | | | | | | | | | 1.3 | 1.3 | 10.6 | 99 | 99 | | |
| 96/ 95 | | | | | | | | | | | | | .3 | .4 | 3.0 | 4.3 | 3.4 | 84 | 84 | | |
| 94/ 93 | | | | | | | | | | | | .3 | .5 | 2.3 | 4.0 | 1.5 | .3 | 66 | 66 | | |
| 92/ 91 | | | | | | | | | | | | .7 | 1.9 | 2.6 | 1.7 | .5 | .3 | 57 | 57 | | |
| 90/ 89 | | | | | | | | | | .1 | .9 | 3.0 | 1.6 | 1.2 | .7 | | | 56 | 56 | | |
| 88/ 87 | | | | | | | | | | .9 | 1.7 | 1.1 | .7 | .1 | | | | 34 | 34 | | |
| 86/ 85 | | | | | | | | .3 | .4 | 2.0 | 1.6 | .5 | | .3 | | | | 38 | 38 | | |
| 84/ 83 | | | | | | | | .4 | 1.2 | .9 | .8 | .1 | | | | | | 26 | 26 | | |
| 82/ 81 | | | | | | | .1 | 1.7 | 1.9 | .3 | .1 | | | | | | | 31 | 31 | | |
| 80/ 79 | | | | | | .4 | .8 | .9 | .5 | .1 | .1 | | | | | | | 22 | 22 | | |
| 78/ 77 | | | | | .7 | .7 | 1.1 | .7 | | | | | | | | | | 23 | 23 | | |
| 76/ 75 | | | | | .1 | 1.2 | .3 | | .1 | | | | | | | | | 13 | 13 | | |
| 74/ 73 | | | | .3 | .4 | .3 | .1 | | | | | | | | | | | 8 | 8 | | |
| 72/ 71 | | | .1 | .1 | | .1 | | | | | | | | | | | | 3 | 3 | 21 | |
| 70/ 69 | | .1 | .3 | .4 | | | | | | | | | | | | | | 6 | 6 | 100 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 230 | 6 |
| 66/ 65 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 263 | 9 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 109 | 19 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 17 | 43 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 4 | 55 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 73 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 61 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 58 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 63 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 80 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 77 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 82 |

| 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 0-26-5 (OL A) JUN 64 REVISED PRE-70S EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (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 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 49 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 27 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 15 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 9 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 7 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .3 | .4 | .8 | 1.2 | 2.7 | 2.4 | 4.0 | 4.2 | 4.4 | 5.4 | 5.6 | 5.0 | 6.9 | 11.2 | 9.0 | 36.6 | 744 | 744 | 744 | 744 |

| 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. | 735179 | 20607 | 27.7 | 14.886 | 744 | | | | | | | |
| Dry Bulb | 6417491 | 68831 | 92.5 | 8.171 | 744 | | | 92.9 | 91.8 | 85.0 | 53.3 | 93 |
| Wet Bulb | 3284869 | 49411 | 66.4 | 2.123 | 744 | | | 43.9 | | | | 93 |
| Dew Point | 1996426 | 38166 | 51.3 | 7.205 | 744 | | 1.0 | .8 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JUL MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 108/107 | | | | | | | | | | | | | | | | | .4 | 3 | 3 | | |
| 106/105 | | | | | | | | | | | | | | | | | .5 | 4 | 4 | | |
| 104/103 | | | | | | | | | | | | | | | | | .5 | 4 | 4 | | |
| 102/101 | | | | | | | | | | | | | | | | | 1.9 | 14 | 14 | | |
| 100/ 99 | | | | | | | | | | | | | | | | | 3.6 | 27 | 27 | | |
| 98/ 97 | | | | | | | | | | | | | | | .1 | .3 | 4.6 | 37 | 37 | | |
| 96/ 95 | | | | | | | | | | | | | | .3 | .4 | 3.0 | 6.7 | 77 | 77 | | |
| 94/ 93 | | | | | | | | | | | | | .5 | .1 | 1.3 | 2.6 | 3.1 | 57 | 57 | | |
| 92/ 91 | | | | | | | | | | | | .1 | .7 | 2.6 | 3.1 | 2.0 | .9 | 70 | 70 | | |
| 90/ 89 | | | | | | | | | | .3 | .4 | 1.2 | 2.3 | 2.3 | 2.6 | .7 | .1 | 73 | 73 | | |
| 88/ 87 | | | | | | | | | | .4 | .9 | 1.9 | 2.0 | .7 | .5 | .1 | | 49 | 49 | | |
| 86/ 85 | | | | | | | .1 | .1 | .3 | .9 | 2.0 | 2.4 | .4 | .1 | | | | 48 | 48 | | |
| 84/ 83 | | | | | | | | .1 | 1.3 | 1.5 | 1.9 | 1.3 | .1 | .1 | | | | 48 | 48 | | |
| 82/ 81 | | | | | | .3 | .3 | .9 | 1.6 | 2.0 | .5 | | .1 | | | | | 43 | 43 | | |
| 80/ 79 | | | | | | .4 | 1.2 | 2.2 | 1.7 | .3 | .1 | .1 | | | | | | 45 | 45 | | |
| 78/ 77 | | | | | .4 | .9 | 1.5 | 1.7 | .8 | | | | | | | | | 40 | 40 | | |
| 76/ 75 | | | | .3 | .7 | 1.5 | 1.1 | .9 | | | | | | | | | | 33 | 33 | 1 | |
| 74/ 73 | | | .4 | .4 | 1.2 | .7 | .4 | .3 | | | | | | | | | | 25 | 25 | 1 | |
| 72/ 71 | | .1 | .3 | 1.1 | 1.2 | .3 | .3 | | | | | | | | | | | 24 | 25 | 4 | 1 |
| 70/ 69 | | .3 | .7 | .7 | .3 | | | | | | | | | | | | | 14 | 14 | 48 | 2 |
| 68/ 67 | .1 | .3 | .4 | | | | | | | | | | | | | | | 6 | 6 | 114 | 9 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 246 | 18 |
| 64/ 63 | .3 | | | | | | | | | | | | | | | | | 2 | 2 | 227 | 38 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 81 | 38 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 18 | 57 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 3 | 60 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 61 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 61 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 64 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 52 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 58 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 73 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 48 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 42 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) JUL (MONTH)

PAGE 7 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 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 27 |
| 36/ 37 | | | | | | | | | | | | | | | | | | | | | 12 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 8 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 5 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 4 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | .7 | 1.7 | 2.4 | 3.8 | 4.0 | 4.8 | 6.3 | 5.8 | 5.4 | 5.9 | 7.1 | 6.2 | 6.2 | 8.1 | 8.6 | 22.5 | | 744 | | 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. | 1130039 | 25277 | 34.0 | 19.080 | 743 | | | | | | | |
| Dry Bulb | 5686344 | 64726 | 87.0 | 8.653 | 744 | | | 92.8 | 87.1 | 72.8 | 27.9 | 93 |
| Wet Bulb | 3131784 | 48198 | 64.9 | 2.381 | 743 | | | 21.0 | .3 | | | 93 |
| Dew Point | 2018466 | 38246 | 51.5 | 8.188 | 743 | | 1.1 | 1.5 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2501

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 |
| 98/ 97 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | | | | | | | | .5 | 4 | 4 | | |
| 94/ 93 | | | | | | | | | | | | | | | .1 | | .5 | 5 | 5 | | |
| 92/ 91 | | | | | | | | | | | | | | .4 | .9 | .8 | .5 | 20 | 20 | | |
| 90/ 89 | | | | | | | | | | | | .3 | .3 | 1.9 | 2.3 | .9 | .4 | 45 | 45 | | |
| 88/ 87 | | | | | | | | | | .1 | .7 | 1.3 | 2.3 | 1.9 | 1.6 | 1.2 | .1 | 69 | 69 | | |
| 86/ 85 | | | | | | | | .1 | .1 | .5 | .7 | 2.7 | 1.9 | 1.3 | .8 | | | 61 | 61 | | |
| 84/ 83 | | | | | | | .1 | .1 | 1.1 | 1.2 | 2.6 | 2.8 | 1.2 | .9 | .3 | .1 | | 78 | 78 | | |
| 82/ 81 | | | | | | | | .7 | .9 | 3.2 | 2.0 | .4 | .4 | .4 | | | | 60 | 60 | | |
| 80/ 79 | | | | | .1 | | .8 | 2.4 | 3.4 | 1.9 | 1.1 | .3 | .4 | | | | | 77 | 77 | | |
| 78/ 77 | | | | | | .7 | 2.6 | 1.6 | 2.4 | .3 | .3 | .3 | | | | | | 60 | 60 | | |
| 76/ 75 | | | | .3 | .7 | 2.6 | 2.6 | 1.7 | .3 | .3 | | | | | | | | 62 | 62 | | |
| 74/ 73 | | | .4 | .4 | 1.9 | 3.0 | 2.8 | .4 | | | .1 | | | | | | | 67 | 67 | 1 | |
| 72/ 71 | | .8 | .5 | 1.7 | 3.8 | 1.2 | .5 | .3 | | | | | | | | | | 66 | 66 | 4 | |
| 70/ 69 | .1 | .4 | 1.6 | 2.4 | 1.5 | .1 | | | | | | | | | | | | 46 | 46 | 25 | 8 |
| 68/ 67 | | | 1.9 | | .1 | | | | | | | | | | | | | 15 | 15 | 66 | 11 |
| 66/ 65 | | .4 | .3 | | | | | | | | | | | | | | | 5 | 5 | 149 | 15 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 260 | 44 |
| 62/ 61 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 145 | 66 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 60 | 96 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 23 | 65 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 11 | 70 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 66 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 63 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 58 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 41 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 31 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 28 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 24 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 16 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 17 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 13 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 6 |
| 32/ 29 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JUL MONTH

PAGE 7 | 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 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .5 | 1.6 | 4.7 | 4.8 | 8.1 | 7.5 | 9.4 | 7.4 | 8.2 | 7.5 | 7.4 | 8.1 | 6.5 | 6.9 | 6.0 | 3.1 | 2.3 | | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | |

| 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. | 1788995 | 33237 | 44.7 | 20.234 | 744 | | | | | | | |
| Dry Bulb | 4762463 | 59311 | 79.7 | 6.789 | 744 | | | 92.0 | 76.1 | 48.6 | 1.3 | 93 |
| Wet Bulb | 3009211 | 47271 | 63.5 | 2.791 | 744 | | | 12.0 | .1 | | | 93 |
| Dew Point | 2175957 | 39775 | 53.5 | 8.166 | 744 | | .8 | 2.4 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2502

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JUL 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 |
| 112/111 | | | | | | | | | | | | | | | | | .0 | 1 | 1 | | |
| 110/109 | | | | | | | | | | | | | | | | | .1 | 6 | 6 | | |
| 108/107 | | | | | | | | | | | | | | | | | .3 | 17 | 17 | | |
| 106/105 | | | | | | | | | | | | | | | | | .3 | 20 | 20 | | |
| 104/103 | | | | | | | | | | | | | | | | | .6 | 38 | 38 | | |
| 102/101 | | | | | | | | | | | | | | | | .0 | 1.5 | 90 | 90 | | |
| 100/ 99 | | | | | | | | | | | | | | | .1 | .2 | 2.4 | 164 | 164 | | |
| 98/ 97 | | | | | | | | | | | | | | .0 | .4 | .4 | 2.8 | 221 | 221 | | |
| 96/ 95 | | | | | | | | | | | | | .0 | .3 | .9 | 1.8 | 1.8 | 285 | 285 | | |
| 94/ 93 | | | | | | | | | | | | .1 | .4 | 1.0 | 1.3 | .9 | .7 | 266 | 266 | | |
| 92/ 91 | | | | | | | | | | | .0 | .3 | .9 | 1.6 | 1.0 | .5 | .4 | 281 | 281 | | |
| 90/ 89 | | | | | | | | | | .1 | .6 | 1.2 | 1.4 | 1.0 | .8 | .4 | .1 | 331 | 331 | | |
| 88/ 87 | | | | | | | | | .1 | .4 | 1.4 | 1.2 | 1.1 | .5 | .4 | .2 | .0 | 313 | 313 | | |
| 86/ 85 | | | | | | | .0 | .1 | .3 | 1.2 | 1.3 | 1.3 | .5 | .3 | .2 | | .0 | 313 | 313 | | |
| 84/ 83 | | | | | | | .1 | .4 | 1.1 | 1.1 | 1.4 | 1.0 | .4 | .4 | .1 | .1 | | 353 | 353 | | |
| 82/ 81 | | | | | | .1 | .2 | 1.2 | 1.4 | 1.6 | 1.1 | .3 | .3 | .2 | .0 | | | 377 | 377 | | |
| 80/ 79 | | | | | .1 | .2 | .8 | 1.8 | 1.6 | 1.3 | .7 | .3 | .2 | .0 | | | | 413 | 413 | | |
| 78/ 77 | | | | .0 | .3 | .6 | 1.6 | 1.4 | 1.3 | .5 | .2 | .3 | .0 | .0 | | | | 372 | 372 | | |
| 76/ 75 | | | .1 | .2 | .5 | 1.6 | 1.6 | 1.5 | .7 | .2 | .2 | .1 | .0 | | | | | 402 | 402 | 1 | |
| 74/ 73 | | | .2 | .5 | 1.5 | 1.7 | 1.7 | .7 | .2 | .2 | .2 | | .0 | | | | | 407 | 407 | 6 | |
| 72/ 71 | | .2 | .5 | .9 | 2.5 | 1.1 | .5 | .2 | .1 | .1 | .1 | | | | | | | 364 | 365 | 80 | 2 |
| 70/ 69 | .0 | .4 | 1.2 | 2.4 | 1.4 | .6 | .1 | .1 | .1 | .0 | | | | | | | | 384 | 384 | 431 | 19 |
| 68/ 67 | .1 | .7 | 1.8 | 1.1 | .5 | .2 | .1 | .1 | .0 | .0 | | | | | | | | 280 | 280 | 1011 | 91 |
| 66/ 65 | | 1.0 | 1.1 | .4 | .1 | .1 | .1 | .0 | | | | | | | | | | 170 | 171 | 1524 | 154 |
| 64/ 63 | .1 | .4 | .3 | .1 | .0 | | | | | | | | | | | | | 57 | 57 | 1456 | 379 |
| 62/ 61 | .2 | .1 | .1 | .1 | | | | | | | | | | | | | | 24 | 24 | 834 | 540 |
| 60/ 59 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 338 | 713 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 142 | 664 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 85 | 619 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 31 | 526 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 9 | 484 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | 432 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 346 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 299 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2.7044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | JJJJ 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 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 198 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 153 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 134 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 93 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 42 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 20 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 11 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 12 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 10 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 4 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .5 | 2.8 | 5.4 | 5.6 | 6.8 | 6.3 | 6.8 | 7.4 | 6.8 | 6.7 | 7.1 | 6.2 | 5.2 | 5.4 | 5.2 | 4.5 | 11.1 | 5950 | 5952 | 5950 | 5950 |

| 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. | 14205056 | 260072 | 43.7 | 21.839 | 5950 | | | | | | | |
| Dry Bulb | 40550176 | 487512 | 81.9 | 10.202 | 5952 | | | 712.4 | 583.8 | 414.0 | 138.5 | 744 |
| Wet Bulb | 24744660 | 383252 | 64.4 | 3.207 | 5950 | | | 191.2 | .9 | | | 744 |
| Dew Point | 17713996 | 321556 | 54.0 | 7.524 | 5950 | | 5.4 | 14.0 | | | | 744 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2503

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | AUG 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 |
| 92/ 89 | | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | | | | | | | | .1 | .5 | .1 | | | | 6 | 6 | | |
| 86/ 85 | | | | | | | | | | | .5 | .5 | .1 | .1 | | | | | 10 | 10 | | |
| 84/ 83 | | | | | | | | | | | 1.3 | .8 | | .1 | | | | | 17 | 17 | | |
| 82/ 81 | | | | | | | | | .3 | 1.3 | 1.3 | .7 | .3 | .3 | .1 | | | | 32 | 32 | | |
| 80/ 79 | | | | | | | .4 | .9 | 1.1 | 2.4 | .7 | .9 | .1 | .4 | | | | | 52 | 52 | | |
| 78/ 77 | | | | | | .3 | 1.5 | 2.7 | 2.0 | 2.0 | .9 | .1 | .1 | | | | | | 72 | 72 | | |
| 76/ 75 | | | | | .3 | 1.7 | 2.2 | 5.0 | 2.0 | 1.2 | .1 | .3 | | | | | | | 95 | 95 | | |
| 74/ 73 | | | | .5 | 2.0 | 3.0 | 5.0 | 2.2 | .9 | .9 | .1 | .1 | | | | | | | 110 | 110 | | |
| 72/ 71 | | | .1 | .1 | 4.8 | 3.5 | 2.2 | 1.1 | .8 | .4 | | | | | | | | | 97 | 97 | | |
| 70/ 69 | | | 1.1 | 2.6 | 2.3 | 2.3 | 1.9 | .9 | .9 | | | | | | | | | | 89 | 89 | | |
| 68/ 67 | | 1.2 | 2.7 | 2.4 | 1.9 | .4 | .3 | .5 | .1 | | | | | | | | | | 71 | 71 | 23 | |
| 66/ 65 | | 1.3 | 1.5 | 1.7 | .5 | .4 | .3 | .1 | | .1 | | | | | | | | | 45 | 45 | 94 | 14 |
| 64/ 63 | .3 | .8 | .9 | .7 | .1 | | .1 | .1 | .4 | .1 | | | | | | | | | 27 | 27 | 200 | 50 |
| 62/ 61 | | .5 | .7 | .4 | .1 | .1 | .1 | .1 | | | | | | | | | | | 16 | 16 | 190 | 56 |
| 60/ 59 | | | .3 | | | | | | .1 | | | | | | | | | | 3 | 3 | 113 | 81 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 59 | 93 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 33 | 107 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 19 | 92 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 4 | 70 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 | 51 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 3 | 37 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 | 26 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 16 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 22 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 7 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) AUG (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 | .3 | 3.9 | 7.3 | 8.5 | 12.1 | 11.7 | 13.9 | 13.7 | 8.7 | 8.6 | 5.1 | 3.5 | .9 | 1.5 | .3 | | | 743 | 743 | 743 | 743 |

| 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. | 2434152 | 40428 | 54.4 | 17.773 | 743 | | | | | | | |
| Dry Bulb | 3975932 | 54198 | 72.9 | 5.53 | 743 | | | 81.6 | 49.4 | 11.4 | | 93 |
| Wet Bulb | 2813460 | 45650 | 61.4 | 3.428 | 743 | | | 2.9 | | | | 93 |
| Dew Point | 2209052 | 40202 | 54.1 | 6.751 | 743 | | .9 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | SIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | AUG 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 |
| 84/ 83 | | | | | | | | | | .3 | .3 | | | | | | | 4 | 4 | | |
| 82/ 81 | | | | | | | | | | .7 | .1 | | .3 | | | | | 8 | 8 | | |
| 80/ 79 | | | | | | | | .1 | .9 | .4 | .4 | .1 | | | | | | 15 | 15 | | |
| 78/ 77 | | | | | .1 | | .3 | .6 | 2.8 | 1.3 | .3 | .1 | | | | | | 43 | 43 | | |
| 76/ 75 | | | | .1 | | .9 | 1.7 | 1.3 | 1.9 | .4 | .1 | .3 | | | | | | 51 | 51 | | |
| 74/ 73 | | | | .5 | 1.6 | .7 | 2.7 | 2.2 | .8 | .7 | | | | | | | | 68 | 68 | | |
| 72/ 71 | | | .1 | .5 | 3.6 | 4.8 | 2.3 | 1.9 | .8 | .1 | .3 | | | | | | | 108 | 108 | | |
| 70/ 69 | | .3 | .1 | 3.6 | 3.0 | 3.9 | 2.0 | .4 | .4 | .3 | .1 | | | | | | | 105 | 105 | 2 | |
| 68/ 67 | .1 | 1.6 | 4.0 | 4.0 | 2.4 | 2.7 | 1.9 | .8 | .1 | | | | | | | | | 132 | 132 | 13 | 1 |
| 66/ 65 | .3 | 2.2 | 3.1 | 2.4 | 3.5 | 1.2 | .7 | .3 | .3 | .1 | | | | | | | | 104 | 104 | 59 | 19 |
| 64/ 63 | | 2.0 | 2.3 | 1.5 | .7 | .7 | .8 | | .1 | | | | | | | | | 60 | 60 | 154 | 36 |
| 62/ 61 | | 1.1 | 1.3 | .1 | .4 | .1 | | | | | | | | | | | | 23 | 23 | 198 | 73 |
| 60/ 59 | .1 | .9 | .5 | .1 | .3 | .3 | | | .3 | | | | | | | | | 19 | 19 | 137 | 91 |
| 58/ 57 | | | .1 | | .1 | | | .3 | | | | | | | | | | 4 | 4 | 93 | 93 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 35 | 99 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 24 | 106 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 17 | 73 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | 51 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 2 | 31 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 2 | 22 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | 15 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 15 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 4 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 5 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .5 | 8.1 | 11.7 | 13.0 | 15.7 | 15.3 | 12.4 | 8.1 | 8.5 | 4.3 | 1.6 | .5 | .3 | | | | | 744 | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | Nr. obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
| Rel. Hum. | 3043915 | 45851 | 61.6 | 17.138 | 744 | | | | | | | |
| Dry Bulb | 3607880 | 51682 | 69.5 | 4.893 | 744 | | | 66.8 | 23.6 | 2.5 | | 93 |
| Wet Bulb | 2732365 | 45007 | 60.5 | 3.621 | 744 | | | 1.9 | | | | 93 |
| Dew Point | 2254555 | 40685 | 54.7 | 6.326 | 744 | | .8 | .1 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | AUG MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | | | | | | | .3 | | | | | | | 2 | 2 | | |
| 84/ 83 | | | | | | | | | | .1 | .3 | .1 | | .1 | | | | 5 | 5 | | |
| 82/ 81 | | | | | | | | .1 | .4 | 1.3 | | .3 | | .1 | | | | 17 | 17 | | |
| 80/ 79 | | | | | | | | 1.2 | 2.4 | 1.7 | .1 | .1 | .1 | | | | | 43 | 43 | | |
| 78/ 77 | | | | | | .1 | .9 | 2.3 | 2.4 | 2.7 | .2 | .3 | .1 | | | | | 75 | 75 | | |
| 76/ 75 | | | | | .1 | .5 | 2.3 | 3.0 | 3.0 | 2.2 | .4 | .1 | .3 | | | | | 88 | 88 | | |
| 74/ 73 | | | | | .1 | 2.2 | 4.0 | 4.0 | 1.3 | .9 | .3 | | | | | | | 96 | 96 | | |
| 72/ 71 | | | | .1 | 1.1 | 4.6 | 3.8 | 3.0 | .9 | .1 | | | | | | | | 101 | 101 | | |
| 70/ 69 | | | .1 | 1.1 | 4.2 | 2.7 | 4.3 | .9 | .1 | | .3 | .1 | | | | | | 103 | 103 | 5 | |
| 68/ 67 | | | 1.1 | 3.0 | 2.9 | 2.2 | 1.1 | .9 | .1 | | .1 | | | | | | | 84 | 84 | 26 | 3 |
| 66/ 65 | | | 1.3 | 2.0 | 2.3 | 1.1 | .4 | .3 | .1 | | | | | | | | | 56 | 56 | 110 | 11 |
| 64/ 63 | | .1 | .8 | 2.0 | 1.1 | .5 | .3 | .3 | | .1 | | | | | | | | 39 | 39 | 213 | 42 |
| 62/ 61 | | | .8 | 1.2 | .1 | .8 | | | | | | | | | | | | 22 | 22 | 178 | 91 |
| 60/ 59 | | | .3 | | .3 | .3 | .4 | | | .1 | | | | | | | | 10 | 10 | 118 | 105 |
| 58/ 57 | | | .1 | | | | | .1 | | | | | | | | | | 2 | 2 | 47 | 121 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 25 | 113 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 10 | 98 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 6 | 70 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 4 | 29 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 23 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 2 | 15 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 2 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 3 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 7 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| 26/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 4.6 | 9.4 | 12.1 | 14.8 | 17.5 | 14.7 | 9.5 | 9.0 | 5.5 | 1.3 | .9 | .1 | .2 | | | | | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | |

| 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. | 2835526 | 44430 | 59.7 | 15.662 | 744 | | | | | | | |
| Dry Bulb | 3631614 | 53248 | 71.6 | 5.273 | 744 | | | 76.9 | 40.9 | 5.9 | | 93 |
| Wet Bulb | 2854879 | 46021 | 61.9 | 3.321 | 744 | | | 3.9 | | | | 93 |
| Dew Point | 2347204 | 41590 | 55.9 | 5.479 | 744 | | .4 | .4 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | AUG 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 |
| 96/ 95 | | | | | | | | | | | | | | | .1 | .1 | .1 | 3 | 3 | | |
| 94/ 93 | | | | | | | | | | | | | | .5 | .5 | .7 | .3 | 15 | 15 | | |
| 92/ 91 | | | | | | | | | | | | .1 | .8 | 1.6 | 1.1 | .3 | | 29 | 29 | | |
| 90/ 89 | | | | | | | | | | .1 | .3 | 2.4 | 2.0 | 1.6 | 1.1 | .4 | | 59 | 59 | | |
| 88/ 87 | | | | | | | | | | .5 | 2.4 | 4.4 | 2.4 | .5 | .4 | .3 | | 82 | 82 | | |
| 86/ 85 | | | | | | | | .1 | .3 | 2.4 | 3.6 | 2.6 | 1.3 | .7 | | | | 84 | 84 | | |
| 84/ 83 | | | | | | | .1 | .7 | 3.2 | 4.6 | 4.2 | .7 | .3 | .3 | | | | 104 | 104 | | |
| 82/ 81 | | | | | | | .1 | 2.4 | 4.4 | 4.4 | 1.5 | .8 | | | | | | 103 | 103 | | |
| 80/ 79 | | | | | | .1 | 1.6 | 3.9 | 3.4 | 1.9 | .7 | .3 | | | | | | 88 | 88 | | |
| 78/ 77 | | | | | .1 | .8 | 3.2 | 1.7 | 1.2 | .4 | | | | | | | | 56 | 56 | | |
| 76/ 75 | | | | | .4 | 1.7 | 1.7 | 1.3 | .3 | .1 | | | | | | | | 42 | 42 | | |
| 74/ 73 | | | .1 | .3 | 1.2 | 1.5 | 1.2 | .1 | | | | | | | | | | 33 | 33 | | |
| 72/ 71 | | | .1 | .7 | .9 | .7 | .4 | | | | | | | | | | | 21 | 21 | 4 | |
| 70/ 69 | | | .4 | .7 | .6 | .1 | | | | | | | | | | | | 13 | 13 | 39 | |
| 68/ 67 | | .4 | .3 | .3 | .1 | | | | | | | | | | | | | 8 | 8 | 167 | 1 |
| 66/ 65 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 252 | 10 |
| 64/ 63 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 182 | 37 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 74 | 63 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 24 | 103 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 2 | 124 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 129 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 92 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 59 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 40 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 35 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 17 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 11 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 8 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | | .7 | 1.2 | 1.9 | 3.4 | 5.9 | 8.6 | 10.3 | 13.0 | 14.5 | 12.6 | 11.3 | 6.9 | 5.2 | 3.2 | 1.7 | .4 | 744 | 744 | 744 | 744 |

| 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. | 1441342 | 31072 | 41.8 | 13.905 | 744 | | | | | | | |
| Dry Bulb | 5059897 | 61201 | 82.3 | 5.863 | 744 | | | 92.5 | 87.3 | 66.3 | 7.2 | 92 |
| Wet Bulb | 3156552 | 48430 | 65.1 | 2.333 | 744 | | | 26.3 | | | | 92 |
| Dew Point | 2302210 | 41202 | 55.4 | 5.251 | 744 | | | .1 | | | | 92 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | AUG 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110/105 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 104/103 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | |
| 102/101 | | | | | | | | | | | | | | | | | .5 | 4 | 4 | | |
| 100/ 99 | | | | | | | | | | | | | | | | | 2.6 | 19 | 19 | | |
| 98/ 97 | | | | | | | | | | | | | | | .1 | 1.6 | 4.3 | 45 | 45 | | |
| 96/ 95 | | | | | | | | | | | | | | .5 | 3.0 | 4.3 | 4.2 | 89 | 89 | | |
| 94/ 93 | | | | | | | | | | | | .3 | 1.9 | 4.6 | 4.6 | 3.2 | 1.2 | 119 | 119 | | |
| 92/ 91 | | | | | | | | | | | | 1.7 | 3.5 | 5.1 | 3.0 | .7 | .5 | 108 | 108 | | |
| 90/ 89 | | | | | | | | | | | .8 | 5.4 | 4.0 | 2.2 | .9 | .3 | | 101 | 101 | | |
| 88/ 87 | | | | | | | | | | .5 | 3.0 | 3.2 | 1.3 | .3 | .3 | | | 66 | 66 | | |
| 86/ 85 | | | | | | | | | .4 | 1.5 | 2.2 | 1.7 | | .3 | | | | 45 | 45 | | |
| 84/ 83 | | | | | | | .1 | .1 | .7 | 1.2 | .9 | .8 | .1 | | | | | 30 | 31 | | |
| 82/ 81 | | | | | | | .1 | .9 | .9 | 1.1 | .3 | | | | | | | 25 | 25 | | |
| 80/ 79 | | | | | | .1 | .5 | 1.2 | 1.6 | .8 | | | | | | | | 32 | 32 | | |
| 78/ 77 | | | | | .1 | .3 | .9 | | .3 | | | | | | | | | 13 | 13 | | |
| 76/ 75 | | | .1 | | .4 | .4 | | .7 | | | | | | | | | | 12 | 12 | | |
| 74/ 73 | | | | .3 | .5 | 1.2 | .3 | .1 | | | | | | | | | | 18 | 18 | | |
| 72/ 71 | | | .1 | .1 | .5 | .1 | .1 | | | | | | | | | | | 8 | 8 | 7 | |
| 70/ 69 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 85 | 1 |
| 68/ 67 | | .4 | | .3 | | | | | | | | | | | | | | 5 | 5 | 219 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 250 | 10 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 137 | 14 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 38 | 33 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 7 | 55 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 84 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 96 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 100 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 107 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 65 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 70 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 42 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 27 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 22 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 13 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23048 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PAGE 2 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 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .4 | .3 | .8 | 1.6 | 2.2 | 2.2 | 3.2 | 3.9 | 5.4 | 7.1 | 13.2 | 10.9 | 12.9 | 12.1 | 10.1 | 13.7 | 743 | 744 | 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. | 821376 | 22734 | 30.6 | 13.019 | 743 | | | | | | | |
| Dry Bulb | 5985197 | 66551 | 89.5 | 6.582 | 744 | | | 93.0 | 91.3 | 84.4 | 34.9 | 93 |
| Wet Bulb | 5233144 | 48986 | 65.9 | 2.171 | 743 | | | 38.9 | | | | 93 |
| Dew Point | 2003953 | 39111 | 52.6 | 5.825 | 743 | | .1 | .1 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | AUG 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 |
| 108/107 | | | | | | | | | | | | | | | | | .3 | 2 | 2 | | |
| 106/105 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 104/103 | | | | | | | | | | | | | | | | | .5 | 4 | 4 | | |
| 102/101 | | | | | | | | | | | | | | | | | 1.6 | 12 | 12 | | |
| 100/ 99 | | | | | | | | | | | | | | | | | 5.5 | 41 | 41 | | |
| 98/ 97 | | | | | | | | | | | | | | .1 | .4 | .9 | 7.7 | 68 | 68 | | |
| 96/ 95 | | | | | | | | | | | | | | .4 | 3.4 | 5.7 | 7.5 | 126 | 126 | | |
| 94/ 93 | | | | | | | | | | | | | .4 | 2.4 | 5.2 | 5.0 | 2.6 | 116 | 116 | | |
| 92/ 91 | | | | | | | | | | .1 | | .3 | 2.6 | 3.5 | 3.0 | 1.2 | .3 | 81 | 81 | | |
| 90/ 89 | | | | | | | | | | .1 | .7 | 2.7 | 3.4 | 1.9 | .7 | 1.1 | | 78 | 78 | | |
| 88/ 87 | | | | | | | | | .1 | | 1.3 | 1.7 | 1.5 | .4 | | | | 38 | 38 | | |
| 86/ 85 | | | | | | | | .3 | .1 | .9 | 1.5 | 1.3 | | .1 | | | | 32 | 32 | | |
| 84/ 83 | | | | | | | | .3 | 1.1 | .8 | 1.3 | .7 | .3 | | | | | 33 | 33 | | |
| 82/ 81 | | | | | | | .1 | .7 | 1.6 | 1.5 | .7 | | | | | | | 34 | 34 | | |
| 80/ 79 | | | | | | .4 | 1.1 | .4 | 1.7 | .4 | | | | | | | | 30 | 30 | | |
| 78/ 77 | | | | | | .1 | .3 | .4 | .3 | | | | | | | | | 8 | 8 | | |
| 76/ 75 | | | | | .4 | .4 | .3 | .1 | .1 | | | | | | | | | 10 | 10 | | |
| 74/ 73 | | | | .1 | .7 | .3 | .4 | | | | | | | | | | | 11 | 11 | 1 | |
| 72/ 71 | | | .3 | | | .4 | | | | | | | | | | | | 5 | 5 | 6 | |
| 70/ 69 | | | .5 | 1.1 | | | | | | | | | | | | | | 12 | 12 | 44 | |
| 68/ 67 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 175 | 2 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 260 | 10 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 194 | 16 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 54 | 21 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 9 | 35 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 54 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 75 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 74 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 91 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 83 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 76 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 67 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 50 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 41 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (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 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 24 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 14 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 8 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | | .7 | 1.5 | 1.1 | 1.6 | 2.2 | 2.2 | 5.1 | 3.9 | 5.5 | 6.7 | 8.1 | 8.9 | 12.7 | 13.9 | 26.1 | 743 | 743 | 743 | 743 |

| 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. | 720092 | 20712 | 27.9 | 13.869 | 743 | | | | | | | |
| Dry Bulb | 6141952 | 67348 | 90.6 | 7.091 | 743 | | | 93.0 | 90.7 | 85.0 | 46.3 | 9 |
| Wet Bulb | 3186167 | 48583 | 65.4 | 2.153 | 743 | | | 29.3 | .1 | | | 9 |
| Dew Point | 1929710 | 37550 | 50.5 | 6.567 | 743 | | | .3 | | | | 9 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | AUG (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 |
| 104/103 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 102/101 | | | | | | | | | | | | | | | | | .3 | 2 | 2 | | |
| 100/ 99 | | | | | | | | | | | | | | | | | .7 | 5 | 5 | | |
| 98/ 97 | | | | | | | | | | | | | | | | .1 | 1.2 | 10 | 10 | | |
| 96/ 95 | | | | | | | | | | | | | | .1 | | .8 | 2.0 | 22 | 22 | | |
| 94/ 93 | | | | | | | | | | | | | | .7 | 1.3 | 2.7 | 2.7 | 55 | 55 | | |
| 92/ 91 | | | | | | | | | | | | .3 | .7 | 1.5 | 2.0 | 2.2 | .8 | 55 | 55 | | |
| 90/ 89 | | | | | | | | | | .1 | | 1.1 | 1.1 | 3.1 | 3.0 | 1.6 | | 74 | 74 | | |
| 88/ 87 | | | | | | | | | .1 | .1 | 1.3 | 1.2 | 2.6 | 3.0 | 1.5 | .4 | | 76 | 76 | | |
| 86/ 85 | | | | | | | | | .3 | 1.1 | 2.2 | 3.1 | 2.4 | .4 | .3 | | .1 | 73 | 73 | | |
| 84/ 83 | | | | | | | .1 | .3 | 1.2 | 1.3 | 3.2 | 2.4 | .8 | .7 | .1 | | | 76 | 76 | | |
| 82/ 81 | | | .1 | | | .1 | | .9 | 1.5 | 2.6 | 3.1 | 1.3 | .4 | .3 | | | | 77 | 77 | | |
| 80/ 79 | | | | | | | .5 | 2.7 | 2.3 | 1.9 | .4 | .1 | .1 | .1 | | | | 58 | 58 | 1 | |
| 78/ 77 | | | | .1 | | .7 | 1.1 | 1.5 | .9 | .4 | .3 | | | | | | | 37 | 37 | | 1 |
| 76/ 75 | | | | | .3 | 2.2 | 1.2 | 1.3 | | | | | | | | | | 37 | 37 | | |
| 74/ 73 | | .1 | .1 | .9 | 1.3 | .8 | .8 | .1 | | | | | | | | | | 32 | 32 | | |
| 72/ 71 | | .1 | .3 | .9 | .5 | .8 | | .1 | | | | | | | | | | 18 | 18 | 6 | |
| 70/ 69 | | | .7 | 1.3 | .7 | | | | | | | | | | | | | 20 | 20 | 17 | 2 |
| 68/ 67 | | | .5 | .9 | | | | | | | | | | | | | | 11 | 11 | 87 | 7 |
| 66/ 65 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 171 | 12 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 238 | 19 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 161 | 40 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 40 | 57 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 16 | 67 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 3 | 55 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 1 | 76 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 61 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 83 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 64 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 53 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 50 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 34 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 25 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 20 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25C8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | AUG 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 | | | | | | | | | | | | | | | | | | | | | 11 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 7 |
| 32/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .3 | 1.9 | 4.0 | 2.8 | 4.6 | 3.9 | 7.0 | 6.3 | 7.0 | 10.7 | 9.6 | 8.1 | 9.9 | 8.2 | 7.8 | 8.0 | | 741 | | 741 |
| | | | | | | | | | | | | | | | | | | 741 | | 741 | |

| 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. | 1168138 | 76494 | 35.8 | 17.275 | 741 | | | | | | | |
| Dry Bulb | 5283327 | 62341 | 84.1 | 7.215 | 741 | | | 92.7 | 86.6 | 70.4 | 11.9 | 92 |
| Wet Bulb | 3025512 | 47308 | 63.8 | 2.652 | 741 | | | 13.9 | .1 | | | 92 |
| Dew Point | 1995687 | 38057 | 51.4 | 7.454 | 741 | | .1 | 1.3 | .1 | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) | oIGGS AAF TX (EL PASO) (STATION NAME) | 73-80 (YEARS) | AUG (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 |
| 92/ 91 | | | | | | | | | | | | | | | | .3 | .1 | 6 | 6 | | |
| 90/ 89 | | | | | | | | | | | | | .1 | .5 | .4 | .5 | | 12 | 12 | | |
| 88/ 87 | | | | | | | | | | | | .5 | 1.6 | 1.1 | .1 | .1 | .1 | 27 | 27 | | |
| 86/ 85 | | | | | | | | | | | .8 | 1.9 | 1.1 | 1.1 | .1 | | | 37 | 37 | | |
| 84/ 83 | | | | | | | | | .4 | .9 | 2.2 | 1.3 | 1.6 | .7 | .1 | | | 54 | 54 | | |
| 82/ 81 | | | | | | | | 1.2 | 1.5 | 3.1 | 2.8 | 3.0 | .4 | .7 | | | | 94 | 94 | | |
| 80/ 79 | | | | | | | 1.1 | 2.2 | 3.4 | 3.2 | 2.0 | 1.3 | .5 | .1 | | | | 103 | 103 | | |
| 78/ 77 | | | | | | .4 | 1.5 | 2.6 | 4.6 | 1.6 | .9 | .8 | .1 | | | | | 96 | 96 | | |
| 76/ 75 | | | | | .4 | 1.8 | 2.0 | 4.2 | 2.3 | .3 | .7 | | .1 | .1 | | | | 88 | 88 | | |
| 74/ 73 | | .1 | .3 | .1 | .8 | 3.1 | 2.4 | .9 | .8 | .4 | | | | | | | | 67 | 67 | | |
| 72/ 71 | | | .4 | .8 | 3.0 | 1.6 | 1.1 | .8 | .3 | | | | | | | | | 59 | 59 | 1 | 1 |
| 70/ 69 | | .3 | 1.2 | 2.7 | 1.5 | .9 | .4 | .1 | | | .1 | | | | | | | 54 | 54 | 7 | 1 |
| 68/ 67 | | .5 | .9 | 1.5 | .4 | .1 | | | | | | | | | | | | 26 | 26 | 42 | 2 |
| 66/ 65 | | .1 | .9 | .1 | | | | | | .1 | | | | | | | | 10 | 10 | 126 | 12 |
| 64/ 63 | | .1 | .5 | .1 | | | | | | | | | | | | | | 6 | 6 | 220 | 24 |
| 62/ 61 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 182 | 64 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 97 | 73 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 39 | 77 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 22 | 83 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 1 | 90 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 2 | 71 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 1 | 75 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | 41 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 42 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 29 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 19 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 12 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 6 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 7 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 5 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 4 |
| 28/ 25 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PAGE 2 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 |
| TOTAL | | 1.5 | 4.3 | 5.4 | 6.1 | 8.0 | 8.9 | 12.0 | 13.2 | 9.7 | 9.6 | 8.9 | 5.7 | 4.3 | 1.2 | .9 | .3 | 741 | 741 | 741 | 741 |

| 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. | 1782491 | 33965 | 45.8 | 17.462 | 741 | | | | | | | |
| Dry Bulb | 4472290 | 57410 | 77.5 | 5.739 | 741 | | | 90.7 | 73.3 | 35.9 | | 93 |
| Wet Bulb | 2899095 | 46297 | 62.5 | 2.964 | 741 | | | 6.3 | | | | 93 |
| Dew Point | 2124910 | 39330 | 53.1 | 7.027 | 741 | | .9 | .5 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | RIGGS AAF TX (EL PASO) STATION NAME | 73-80 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 |
| 110/107 | | | | | | | | | | | | | | | | | .0 | 2 | 2 | | |
| 106/105 | | | | | | | | | | | | | | | | | .0 | 2 | 2 | | |
| 104/103 | | | | | | | | | | | | | | | | | .1 | 7 | 7 | | |
| 102/101 | | | | | | | | | | | | | | | | | .3 | 18 | 18 | | |
| 100/ 99 | | | | | | | | | | | | | | | | | 1.1 | 65 | 65 | | |
| 98/ 97 | | | | | | | | | | | | | | .0 | .1 | .3 | 1.6 | 123 | 123 | | |
| 96/ 95 | | | | | | | | | | | | | | .1 | .8 | 1.4 | 1.7 | 240 | 240 | | |
| 94/ 93 | | | | | | | | | | | | .0 | .3 | 1.0 | 1.5 | 1.4 | .8 | 305 | 305 | | |
| 92/ 91 | | | | | | | | | | .0 | | .3 | .2 | 1.5 | 1.2 | .6 | .2 | 279 | 279 | | |
| 90/ 89 | | | | | | | | | | .0 | .2 | 1.4 | 1.3 | 1.2 | .8 | .5 | | 325 | 325 | | |
| 88/ 87 | | | | | | | | | .0 | .2 | 1.0 | 1.4 | 1.2 | .7 | .3 | .1 | .0 | 296 | 296 | | |
| 86/ 85 | | | | | | | | .1 | .2 | .7 | 1.4 | 1.4 | .6 | .3 | .1 | | .0 | 283 | 283 | | |
| 84/ 83 | | | | | | | .1 | .2 | .2 | 1.2 | 1.7 | .9 | .4 | .2 | .0 | | | 323 | 324 | | |
| 82/ 81 | | | .0 | | | .0 | .1 | .8 | 1.3 | 2.0 | 1.2 | .8 | .2 | .2 | .0 | | | 390 | 390 | | |
| 80/ 79 | | | | | | .1 | .7 | 1.6 | 2.1 | 1.5 | .5 | .4 | .1 | .1 | | | | 421 | 421 | 1 | |
| 78/ 77 | | | | .0 | .1 | .4 | 1.4 | 1.5 | 1.9 | .9 | .3 | .2 | .0 | | | | | 400 | 400 | | 1 |
| 76/ 75 | | | .0 | .0 | .3 | 1.4 | 1.5 | 2.1 | 1.1 | .3 | .1 | .1 | .0 | .0 | | | | 423 | 423 | | |
| 74/ 73 | | .0 | .1 | .4 | 1.3 | 1.8 | 2.1 | .9 | .4 | .2 | .0 | .0 | | | | | | 435 | 435 | 1 | |
| 72/ 71 | | .0 | .2 | .5 | 2.3 | 2.0 | 1.1 | .5 | .3 | .1 | .0 | | | | | | | 417 | 417 | 24 | 1 |
| 70/ 69 | | .1 | .6 | 2.0 | 1.3 | 1.4 | .7 | .2 | .2 | .1 | .1 | | | | | | | 397 | 397 | 199 | 4 |
| 68/ 67 | .0 | .7 | 1.4 | 1.5 | .9 | .5 | .4 | .2 | .0 | .0 | | | | | | | | 338 | 338 | 752 | 16 |
| 66/ 65 | .0 | .6 | 1.0 | .8 | .6 | .3 | .2 | .1 | .0 | .1 | | | | | | | | 219 | 219 | 1322 | 98 |
| 64/ 63 | .1 | .5 | .7 | .4 | .2 | .1 | .2 | .0 | .1 | .0 | | | | | | | | 134 | 134 | 1538 | 238 |
| 62/ 61 | | .3 | .4 | .1 | .2 | .0 | .0 | .0 | | | | | | | | | | 63 | 63 | 1075 | 441 |
| 60/ 59 | .0 | .2 | .1 | .1 | .1 | .1 | | | .1 | | | | | | | | | 32 | 32 | 545 | 600 |
| 58/ 57 | | .0 | .0 | | .0 | | | .1 | | | | | | | | | | 6 | 6 | 256 | 713 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 122 | 756 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 55 | 728 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 29 | 602 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 10 | 482 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 6 | 377 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 6 | 284 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | 204 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 164 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2510

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 73-80 YEARS | AUG 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 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 91 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 56 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 44 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 12 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 10 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 4 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 2.4 | 4.6 | 5.9 | 7.2 | 8.2 | 8.3 | 8.3 | 8.5 | 7.4 | 6.7 | 6.8 | 5.1 | 5.4 | 4.7 | 4.3 | 6.1 | | 5944 | | 5943 |
| | | | | | | | | | | | | | | | | | | 5943 | | 5943 | |

| 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. | 14247002 | 265686 | 44.7 | 19.969 | 5943 | | | | | | | |
| Dry Bulb | 38358089 | 473979 | 79.7 | 9.730 | 5944 | | | 687.2 | 543.0 | 361.6 | 95.4 | 744 |
| Wet Bulb | 23895174 | 376282 | 63.3 | 3.452 | 5943 | | | 122.3 | .3 | | | 744 |
| Dew Point | 17247281 | 317735 | 53.5 | 6.615 | 5943 | | 3.1 | 2.8 | .1 | | | 744 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | SEP 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 |
| 98/ 87 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 86/ 85 | | | | | | | | | | | | | | | .1 | | | 2 | 2 | | |
| 84/ 83 | | | | | | | | | | .1 | | | .1 | | .3 | | | 4 | 4 | | |
| 82/ 81 | | | | | | | | | | .1 | .1 | .1 | .1 | | .3 | | | 6 | 6 | | |
| 80/ 79 | | | | | | | | | .1 | .4 | | | .1 | | | | | 5 | 5 | | |
| 78/ 77 | | | | | | | .4 | | .7 | .7 | .1 | .1 | .1 | | | | | 16 | 16 | | |
| 76/ 75 | | | | | .3 | .7 | .3 | .6 | 1.8 | .6 | .8 | .4 | | | | | | 39 | 39 | | |
| 74/ 73 | | | .7 | .7 | .6 | 2.1 | 2.2 | 2.1 | .7 | 1.3 | .4 | .1 | | | | | | 78 | 78 | | |
| 72/ 71 | | | .8 | .8 | 3.3 | 1.7 | .3 | 1.5 | 1.1 | .8 | .1 | | | | | | | 76 | 76 | | |
| 70/ 69 | | .7 | 1.4 | 3.5 | 2.1 | 1.7 | 1.7 | .4 | .8 | .4 | | | | | | | | 91 | 91 | 8 | 1 |
| 68/ 67 | | .6 | 1.4 | 1.9 | .8 | 2.2 | 1.4 | 1.4 | 1.0 | | .1 | | | | | | | 78 | 78 | 26 | 10 |
| 66/ 65 | | 1.1 | 1.8 | .6 | 1.8 | .8 | 1.1 | 1.3 | .7 | .1 | | | | | | | | 67 | 67 | 36 | 20 |
| 64/ 63 | | 1.0 | 1.3 | 1.1 | 1.4 | 1.4 | .7 | .3 | .3 | .1 | | | | | | | | 54 | 54 | 100 | 25 |
| 62/ 61 | .4 | 2.5 | 1.5 | 1.1 | .8 | | .7 | .1 | .3 | | | | | | | | | 54 | 54 | 76 | 51 |
| 60/ 59 | .3 | 2.4 | 1.0 | 1.0 | .3 | .3 | .3 | .4 | | | | | | | | | | 42 | 42 | 108 | 86 |
| 58/ 57 | .3 | 1.5 | .7 | .3 | .6 | 1.0 | .1 | | | | | | | | | | | 32 | 32 | 100 | 52 |
| 56/ 55 | | 1.1 | 1.0 | .8 | .3 | 1.0 | | | | | | | | | | | | 30 | 30 | 77 | 63 |
| 54/ 53 | .8 | .4 | .3 | .1 | .6 | .4 | .1 | | | | | | | | | | | 20 | 20 | 64 | 62 |
| 52/ 51 | .3 | .8 | .1 | | .1 | | | | | | | | | | | | | 10 | 10 | 48 | 54 |
| 50/ 49 | .7 | .1 | | .4 | .4 | | | | | | | | | | | | | 12 | 12 | 32 | 66 |
| 48/ 47 | .1 | | | .3 | | | | | | | | | | | | | | 3 | 3 | 17 | 46 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 17 | 31 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 10 | 28 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 25 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 30 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 31 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 19 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 7 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 6 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 3 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.9 | 12.2 | 11.9 | 12.6 | 13.3 | 13.2 | 9.3 | 8.1 | 7.5 | 4.7 | 1.8 | .8 | .6 | | .8 | .1 | | 720 | 720 | | 720 |

| 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. | 3112192 | 44982 | 62.5 | 20.493 | 720 | | | | | | | |
| Dry Bulb | 3221790 | 47890 | 66.5 | 7.067 | 720 | | | 49.5 | 18.9 | 1.9 | | 90 |
| Wet Bulb | 2438917 | 41711 | 57.9 | 5.596 | 720 | | | 4.3 | | | | 90 |
| Dew Point | 1981083 | 37247 | 51.7 | 8.684 | 720 | | 1.6 | 1.4 | | | | 90 |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC FORM 44

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) SEP (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -4/ 83 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 82/ 81 | | | | | | | | | | | | | | .3 | | | | 2 | 2 | | |
| 80/ 79 | | | | | | | | | | | | .1 | | | .1 | | | 2 | 2 | | |
| 78/ 77 | | | | | | | | | .2 | | | | | .3 | | | | 4 | 4 | | |
| 76/ 75 | | | | | | | | | .4 | | | | | | | | | 3 | 3 | | |
| 74/ 73 | | | .3 | | .1 | .1 | .6 | 1.1 | .6 | .4 | | | | | | | | 23 | 23 | | |
| 72/ 71 | | | .6 | .8 | .6 | 2.8 | 1.1 | .7 | .3 | | | | | | | | | 49 | 49 | | |
| 70/ 69 | | .4 | 2.8 | 3.5 | 1.7 | 2.2 | 1.5 | 1.1 | .8 | .1 | | | | | | | | 102 | 102 | 3 | 2 |
| 68/ 67 | | .7 | 2.2 | 1.9 | .7 | 1.9 | 2.2 | .6 | 1. | | | | | | | | | 81 | 81 | 20 | 3 |
| 66/ 65 | | 1.3 | 2.9 | 1.4 | 2.4 | 2.2 | .8 | .4 | | .1 | | | | | | | | 83 | 83 | 27 | 22 |
| 64/ 63 | .3 | 1.7 | 1.4 | 1.1 | 1.9 | 1.3 | .7 | .4 | .4 | | | | | | | | | 66 | 66 | 70 | 31 |
| 62/ 61 | | 1.4 | 1.1 | 1.5 | 1.9 | 1.3 | .3 | .4 | .3 | .1 | | | | | | | | 56 | 56 | 86 | 45 |
| 60/ 59 | .3 | 4.9 | 1.1 | 1.3 | 1.4 | .6 | 1.3 | .6 | | .1 | | | | | | | | 82 | 82 | 79 | 64 |
| 58/ 57 | .7 | 3.2 | 1.8 | .3 | .6 | .7 | .4 | .3 | | .1 | | | | | | | | 58 | 58 | 109 | 51 |
| 56/ 55 | .5 | 2.2 | .6 | .6 | .4 | .7 | | .3 | | | | | | | | | | 36 | 36 | 93 | 77 |
| 54/ 53 | .3 | 1.6 | .8 | .3 | .1 | .1 | | | | | | | | | | | | 19 | 19 | 80 | 67 |
| 52/ 51 | .7 | .3 | .3 | .1 | .7 | .4 | | | | | | | | | | | | 18 | 18 | 40 | 72 |
| 50/ 49 | .7 | .4 | .4 | .6 | .1 | | | | | | | | | | | | | 16 | 16 | 33 | 68 |
| 48/ 47 | .4 | | .7 | .4 | | | | | | | | | | | | | | 11 | 11 | 32 | 52 |
| 46/ 45 | .3 | | .3 | | .1 | | | | | | | | | | | | | 5 | 5 | 17 | 31 |
| 44/ 43 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 19 | 27 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 8 | 15 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 3 | 24 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 25 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 16 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 8 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 6 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.9 | 17.4 | 17.4 | 13.4 | 12.8 | 14.3 | 8.9 | 5.8 | 4.0 | 1.1 | | .1 | | .7 | .1 | | | 719 | 719 | 719 | 719 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3621597 | 49145 | 68.4 | 19.119 | 719 |
| Dry Bulb | 2921547 | 45577 | 63.4 | 6.722 | 719 |
| Wet Bulb | 2332189 | 40726 | 56.6 | 5.943 | 719 |
| Dew Point | 1971316 | 37142 | 51.7 | 8.562 | 719 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 33.4 | 4.4 | .6 | | 90 |
| Wet Bulb | | | 2.9 | | | | 9 |
| Dew Point | | 2.4 | .6 | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23144 STATION | FIGGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | SEP MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| ≥ 97 | | | | | | | | | .1 | | | | | .1 | | | | 2 | 2 | | |
| 96 / 95 | | | | | | | | | .1 | | | | .1 | | | | | 2 | 2 | | |
| 94 / 93 | | | | | | | .1 | .1 | .3 | .3 | | | .1 | .1 | | | | 9 | 8 | | |
| 92 / 91 | | | | | | | .1 | .6 | .4 | .1 | | | .1 | .1 | | | | 11 | 11 | | |
| 90 / 89 | | | | .1 | | .6 | .3 | .6 | .8 | .3 | .1 | .3 | | .1 | | | | 23 | 23 | | |
| 88 / 87 | | | .4 | .6 | 1.0 | 1.4 | 1.3 | 1.1 | .1 | .1 | .1 | | | | | | | 45 | 45 | | |
| 86 / 85 | | | .8 | 1.3 | 1.8 | 1.8 | 1.3 | 1.3 | | .4 | | | | | | | | 62 | 62 | | |
| 84 / 83 | | .3 | 2.4 | 2.4 | 1.9 | 2.1 | 1.8 | 1.4 | .7 | .4 | | | | | | | | 93 | 93 | 7 | |
| 82 / 81 | | 1.1 | 2.4 | 2.2 | 1.5 | 1.7 | 1.3 | 1.4 | .3 | | | | | | | | | 85 | 85 | 22 | 8 |
| 80 / 79 | .1 | .7 | 1.7 | 1.0 | 1.9 | 1.5 | .7 | .4 | .1 | .1 | | | | | | | | 60 | 60 | 56 | 23 |
| 78 / 77 | .3 | 1.5 | 2.4 | 1.1 | 1.5 | .6 | .1 | .3 | .3 | | | | | | | | | 58 | 58 | 77 | 37 |
| 76 / 75 | .4 | 1.8 | 2.2 | 1.8 | 1.1 | .8 | .7 | .7 | | .1 | | | | | | | | 70 | 70 | 89 | 52 |
| 74 / 73 | .3 | 3.5 | 1.5 | .7 | .3 | 1.0 | .8 | .4 | .1 | | | | | | | | | 62 | 62 | 84 | 57 |
| 72 / 71 | .3 | 2.4 | 1.3 | 1.3 | .8 | .3 | | .1 | .3 | | | | | | | | | 48 | 48 | 105 | 76 |
| 70 / 69 | .4 | 1.7 | .4 | .3 | | .6 | | | | | | | | | | | | 24 | 24 | 87 | 75 |
| 68 / 67 | .6 | 1.3 | .8 | .3 | .8 | .3 | | | | | | | | | | | | 29 | 29 | 61 | 77 |
| 66 / 65 | .4 | .3 | .4 | .4 | .3 | .1 | | | | | | | | | | | | 14 | 14 | 36 | 69 |
| 64 / 63 | 1.3 | .3 | .3 | | .1 | | | | | | | | | | | | | 12 | 12 | 40 | 61 |
| 62 / 61 | | | .1 | .1 | .3 | | | | | | | | | | | | | 4 | 4 | 23 | 32 |
| 60 / 59 | .3 | | .5 | | | | | | | | | | | | | | | 6 | 6 | 15 | 35 |
| 58 / 57 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 6 | 23 |
| 56 / 55 | | | | | | | | | | | | | | | | | | | | 11 | 16 |
| 54 / 53 | | | | | | | | | | | | | | | | | | | | | 20 |
| 52 / 51 | | | | | | | | | | | | | | | | | | | | | 28 |
| 50 / 49 | | | | | | | | | | | | | | | | | | | | | 11 |
| 48 / 47 | | | | | | | | | | | | | | | | | | | | | 3 |
| 46 / 45 | | | | | | | | | | | | | | | | | | | | | 8 |
| 44 / 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | | 3 |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 4.0 | 14.7 | 17.8 | 13.5 | 13.1 | 12.7 | 8.5 | 8.3 | 3.8 | 1.9 | .4 | .7 | .4 | .6 | | | | 719 | 719 | | 719 |
| | | | | | | | | | | | | | | | | | | 719 | | 719 | |

| 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. | 3579845 | 48451 | 67.4 | 19.208 | 719 | | | | | | | |
| Dry Bulb | 3056399 | 46601 | 64.9 | 7.083 | 719 | | | 41.4 | 11.4 | 1.0 | | 90 |
| Wet Bulb | 2415086 | 41458 | 57.7 | 5.852 | 719 | | | 3.6 | | | | 90 |
| Dew Point | 2036967 | 37801 | 52.6 | 8.312 | 719 | | 1.9 | 1.6 | | | | 20 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

23044 — STATION
BIGGS AAF TX (EL PASO) — STATION NAME
72-79 — YEARS
SEP — 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 |
| 94/ 93 | | | | | | | | | | | | | | | .7 | | .1 | 3 | 3 | | |
| 92/ 91 | | | | | | | | | | | .1 | | .1 | .3 | | .1 | .1 | 6 | 6 | | |
| 90/ 89 | | | | | | | | | | | .1 | .1 | .6 | .3 | .7 | .4 | | 16 | 15 | | |
| 88/ 87 | | | | | | | | | | .1 | 1.0 | 1.7 | .8 | .3 | .6 | .3 | | 34 | 34 | | |
| 86/ 85 | | | | | | | | | .3 | .8 | .8 | 1.4 | .8 | 1.0 | .7 | | | 39 | 39 | | |
| 84/ 83 | | | | | | | | .2 | 1.0 | 1.5 | 2.4 | .6 | .6 | .6 | .1 | | | 50 | 50 | | |
| 82/ 81 | | | | | | .1 | 1.3 | 1.3 | 2.1 | 1.8 | 1.5 | 1.4 | 1.9 | | | | | 82 | 82 | | |
| 80/ 79 | | | | | .1 | .7 | .3 | 1.3 | 1.3 | 1.3 | .4 | 1.0 | .1 | .4 | | | | 49 | 49 | | |
| 78/ 77 | | | | | .7 | 1.3 | 1.8 | 1.7 | 2.8 | 1.5 | 1.1 | 1.0 | .6 | .1 | | | | 90 | 90 | | |
| 76/ 75 | | | | .3 | .8 | 2.2 | 1.7 | 1.9 | 1.7 | .6 | .1 | .1 | .1 | | | | | 69 | 69 | | |
| 74/ 73 | | | | .7 | 1.7 | .6 | 1.7 | 1.5 | .6 | .7 | 1.1 | .3 | | | | | | 63 | 63 | | |
| 72/ 71 | | | .6 | 1.1 | 1.1 | 1.4 | 1.0 | .6 | .4 | .4 | .3 | | .1 | | | | | 50 | 50 | 4 | |
| 70/ 69 | | .1 | .6 | .6 | 1.0 | .8 | .4 | .3 | .4 | .3 | .1 | .1 | | | | | | 36 | 36 | 37 | |
| 68/ 67 | | .3 | .3 | .7 | 1.3 | .3 | .7 | | .4 | .6 | | | | | | | | 30 | 30 | 72 | 7 |
| 66/ 65 | .1 | | .7 | 1.4 | .6 | .4 | .3 | .4 | .3 | .1 | .1 | | | | | | | 32 | 32 | 118 | 28 |
| 64/ 63 | .4 | .4 | .8 | .3 | | .0 | .1 | .6 | .1 | | | | | | | | | 27 | 27 | 105 | 38 |
| 62/ 61 | | .4 | .7 | .4 | .3 | .1 | | | | | | | | | | | | 14 | 14 | 113 | 46 |
| 60/ 59 | | .3 | .4 | .1 | .1 | .1 | | | | | | | | | | | | 8 | 8 | 95 | 58 |
| 58/ 57 | | .6 | .1 | .3 | | | | | | | | | | | | | | 7 | 7 | 63 | 72 |
| 56/ 55 | | | .4 | | | | | | | | | | | | | | | 3 | 3 | 41 | 98 |
| 54/ 53 | .1 | .3 | .4 | | | | | | | | | | | | | | | 6 | 6 | 31 | 57 |
| 52/ 51 | .6 | .3 | | | | | | | | | | | | | | | | 6 | 6 | 29 | 68 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 8 | 55 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 3 | 33 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 1 | 31 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 25 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 28 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 25 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 23 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 10 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 10 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 4 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 28/ 25 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) XX 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | SEP 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 |
| 94/ 23 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.3 | 2.6 | 1.3 | 6.3 | 7.4 | 8.6 | 9.7 | 9.7 | 11.3 | 9.7 | 9.3 | 7.6 | 5.8 | 2.9 | 1.9 | .8 | .3 | | 720 | | 720 |
| | | | | | | | | | | | | | | | | | | 720 | | 720 | |

| 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. | 19[illegible] | 34623 | 48.1 | 19.600 | 720 | | | | | | | |
| Dry Bulb | 4182556 | 54564 | 75.8 | 8.129 | 720 | | | 77.1 | 62.6 | 32.0 | .4 | 90 |
| Wet Bulb | 2750816 | 44366 | 61.6 | 4.864 | 720 | | | 14.1 | | | | 90 |
| Dew Point | 2036856 | 37832 | 52.5 | 8.255 | 720 | | 1.0 | .9 | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | SEP 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 |
| 100/ 99 | | | | | | | | | | | | | | | | | .3 | 2 | 2 | | |
| 98/ 97 | | | | | | | | | | | | | | | | .4 | 1.4 | 13 | 13 | | |
| 96/ 95 | | | | | | | | | | | | | .1 | .1 | .5 | 1.7 | 2.4 | 37 | 37 | | |
| 94/ 93 | | | | | | | | | | | | .1 | | .0 | 2.2 | .7 | 2.4 | 45 | 45 | | |
| 92/ 91 | | | | | | | | | | | | | 1.0 | 1.5 | 1.8 | 1.4 | 1.4 | 51 | 51 | | |
| 90/ 89 | | | | | | | | | | | .1 | 1.4 | 2.1 | 2.1 | 1.1 | 1.8 | 1.0 | 69 | 69 | | |
| 88/ 87 | | | | | | | | | .1 | .6 | 1.9 | 2.2 | .7 | 1.3 | 1.3 | 1.0 | .1 | 70 | 70 | | |
| 86/ 85 | | | | | | | | .4 | 1.1 | 1.1 | 1.5 | 1.8 | 1.9 | 1.3 | .8 | .7 | | 77 | 77 | | |
| 84/ 83 | | | | | | | .3 | .7 | 1.5 | .7 | 2.8 | 1.0 | .6 | .6 | .4 | | | 61 | 61 | | |
| 82/ 81 | | | | | | | .8 | 1.0 | 1.1 | 1.5 | .8 | 1.4 | .8 | .4 | | | | 57 | 57 | | |
| 80/ 79 | | | | | .1 | .6 | 1.0 | .3 | .7 | 1.1 | .8 | 1.0 | .4 | .4 | | | | 46 | 46 | | |
| 78/ 77 | | | | | .3 | .8 | .6 | .8 | 1.0 | 1.1 | .3 | .3 | .1 | | | | | 38 | 38 | | |
| 76/ 75 | | | | .4 | .4 | .1 | .6 | .7 | 1.0 | .4 | .3 | .6 | .3 | .3 | | | | 36 | 36 | | |
| 74/ 73 | | | | .3 | .3 | .8 | 1.1 | .6 | | | .3 | .3 | .1 | | | | | 27 | 27 | | |
| 72/ 71 | | | | .4 | .4 | .4 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | | | | | 17 | 17 | 11 | |
| 70/ 69 | | | | .1 | .7 | .3 | .1 | .1 | | .3 | | | | | | | | 12 | 12 | 54 | |
| 68/ 67 | | | .3 | .3 | .6 | | .0 | | | | | | | | | | | 11 | 11 | 94 | 2 |
| 66/ 65 | | .3 | .4 | .4 | .6 | .1 | | | | | | | | | | | | 13 | 13 | 120 | 18 |
| 64/ 63 | .1 | .1 | .1 | 1.0 | | | | | | | | | | | | | | 10 | 10 | 115 | 32 |
| 62/ 61 | .3 | | .4 | .4 | | .1 | | | | | | | | | | | | 9 | 9 | 137 | 29 |
| 60/ 59 | | .3 | | .1 | | | | | | | | | | | | | | 3 | 3 | 81 | 34 |
| 58/ 57 | | .1 | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 49 | 52 |
| 56/ 55 | | .7 | .1 | | | | | | | | | | | | | | | 6 | 6 | 23 | 66 |
| 54/ 53 | .1 | .6 | | | | | | | | | | | | | | | | 5 | 5 | 23 | 85 |
| 52/ 51 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 11 | 60 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | 68 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 49 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 46 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 39 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 34 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 35 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 27 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 19 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 | LIGGS AAF TX (EL PASO) | 72-79 | SEP
STATION | STATION NAME | YEARS | 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 |
| ≥ 31 | | | | | | | | | | | | | | | | | | | | | 11 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 3 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .6 | 2.2 | 1.7 | 3.6 | 3.9 | 3.3 | 5.0 | 4.7 | 6.7 | 6.9 | 9.0 | 10.3 | 8.3 | 9.3 | 8.5 | 7.6 | 8.9 | | 720 | | 720 |
| | | | | | | | | | | | | | | | | | | 720 | | 720 | |

| 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. | 1211065 | 26103 | 36.3 | 19.188 | 720 | | | | | | | |
| Dry Bulb | 5013256 | 59706 | 82.9 | 9.296 | 720 | | | 83.6 | 78.6 | 63.6 | 12.1 | 90 |
| Wet Bulb | 2858801 | 45261 | 62.9 | 4.346 | 720 | | | 19.9 | | | | 90 |
| Dew Point | 1865597 | 36133 | 50.2 | 8.527 | 720 | | 2.1 | .3 | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | 23065 AAF TX (EL PASO) STATION NAME | 72-79 YEARS | SEP MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 100/ 99 | | | | | | | | | | | | | | | | | 1.3 | 7 | 7 | | |
| 98/ 97 | | | | | | | | | | | | | | | | .4 | 2.1 | 18 | 18 | | |
| 96/ 95 | | | | | | | | | | | | | | .1 | 1.1 | 1.3 | 6.0 | 61 | 61 | | |
| 94/ 93 | | | | | | | | | | | | | | .6 | 1.3 | 1.8 | 3.6 | 51 | 51 | | |
| 92/ 91 | | | | | | | | | | | | | .6 | 1.0 | 1.8 | 2.5 | 1.5 | 53 | 53 | | |
| 90/ 89 | | | | | | | | | | | | .6 | 1.1 | 1.5 | 1.5 | 2.9 | 1.3 | 64 | 64 | | |
| 88/ 87 | | | | | | | | | | .6 | 1.8 | 1.8 | 1.5 | 2.2 | 1.5 | .8 | .8 | 80 | 80 | | |
| 86/ 85 | | | | | | | | | .4 | .7 | 1.7 | 1.9 | 1.0 | 1.1 | .6 | .3 | .4 | 58 | 58 | | |
| 84/ 83 | | | | | | | | .1 | 1.8 | 1.7 | 1.7 | 1.7 | .6 | .3 | .6 | .1 | .1 | 62 | 62 | | |
| 82/ 81 | | | | | | | .8 | .7 | 1.0 | 1.0 | .7 | 2.1 | .4 | .7 | .3 | | | 55 | 55 | | |
| 80/ 79 | | | | | | .7 | 1.1 | .8 | .6 | 1.0 | .3 | .4 | .4 | .4 | .1 | | | 42 | 42 | | |
| 78/ 77 | | | | | | .7 | .6 | .7 | 1.4 | 1.4 | .1 | .1 | .4 | .3 | | | | 41 | 41 | | |
| 76/ 75 | | | | .1 | 1.0 | .7 | .3 | .7 | .4 | .3 | .4 | .3 | .7 | | | | | 35 | 35 | | |
| 74/ 73 | | | | .1 | .1 | .6 | .3 | .4 | .1 | .1 | | .3 | | | | | | 15 | 15 | | |
| 72/ 71 | | | .1 | | | | .3 | .1 | .4 | | .4 | .1 | | | | | | 11 | 11 | | |
| 70/ 69 | | | .1 | .4 | .3 | .6 | .3 | .1 | | | | | | | | | | 13 | 13 | 32 | |
| 68/ 67 | | .3 | | .4 | .3 | | | | | | | | | | | | | 7 | 7 | 93 | 1 |
| 66/ 65 | | | .1 | .4 | .8 | .1 | | | | | | | | | | | | 11 | 11 | 101 | 8 |
| 64/ 63 | | .7 | .6 | .7 | .4 | | | | | | | | | | | | | 17 | 17 | 143 | 30 |
| 62/ 61 | | .1 | | .4 | | | | | | | | | | | | | | 4 | 4 | 144 | 24 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 93 | 37 |
| 58/ 57 | | | .6 | | | | | | | | | | | | | | | 4 | 4 | 43 | 43 |
| 56/ 55 | | .6 | .1 | | | | | | | | | | | | | | | 5 | 5 | 30 | 46 |
| 54/ 53 | .1 | .3 | | | | | | | | | | | | | | | | 3 | 3 | 25 | 59 |
| 52/ 51 | .1 | .3 | | | | | | | | | | | | | | | | 3 | 3 | 14 | 75 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | 52 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 54 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 44 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 54 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 48 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 40 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 26 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 23 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 18 |

| 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 0-26-5 (OL A) 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | 3TGGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | SEP MONTH

PAGE 2 | 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 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 13 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 9 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 8 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 4 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 2.2 | 1.7 | 2.6 | 2.9 | 3.3 | 3.6 | 3.8 | 6.1 | 6.7 | 7.1 | 9.3 | 6.7 | 8.2 | 8.8 | 10.1 | 16.7 | | 720 | | 720 |
| | | | | | | | | | | | | | | | | | | 720 | | 720 | |

| 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. | 1063590 | 23913 | 33.2 | 19.363 | 720 | | | | | | | |
| Dry Bulb | 5148362 | 60512 | 84.0 | 9.336 | 720 | | | 84.1 | 80.3 | 67.1 | 17.1 | 90 |
| Wet Bulb | 2815357 | 44925 | 62.4 | 4.123 | 720 | | | 15.6 | | | | 90 |
| Dew Point | 1737666 | 34768 | 48.3 | 9.114 | 720 | | 4.8 | .1 | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23144 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | SEP 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 |
| 98/ 97 | | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | | | | | | .1 | .1 | .3 | | 4 | 4 | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .7 | | 5 | 5 | | |
| 92/ 91 | | | | | | | | | | | | | .1 | .1 | .2 | .7 | .6 | | 17 | 17 | | |
| 90/ 89 | | | | | | | | | | | | | .4 | .8 | 1.4 | .7 | .6 | | 28 | 28 | | |
| 88/ 87 | | | | | | | | | | | .3 | .7 | .8 | 1.6 | 1.4 | .6 | | | 40 | 40 | | |
| 86/ 85 | | | | | | | | | | .1 | .6 | 1.3 | 1.4 | 1.1 | .7 | .3 | | | 39 | 39 | | |
| 84/ 83 | | | | | | | | .3 | .1 | 1.0 | 1.1 | 1.8 | 1.4 | 2.1 | .4 | .3 | | | 61 | 61 | | |
| 82/ 81 | | | | | | | | .0 | 1.4 | 1.4 | 1.0 | .4 | 1.5 | 1.0 | .3 | .1 | | | 55 | 55 | | |
| 80/ 79 | | | | | .1 | .1 | .3 | 1.7 | 1.9 | 1.8 | 1.3 | 1.5 | .8 | .7 | | | | | 68 | 68 | | |
| 78/ 77 | | | | .1 | | .4 | 1.1 | 2.1 | 1.3 | 1.1 | 1.4 | .7 | .3 | .1 | | | | | 62 | 62 | | |
| 76/ 75 | | | .4 | .6 | .1 | 1.4 | 1.1 | 1.4 | 1.4 | 1.4 | .4 | .6 | .3 | | | | | | 65 | 65 | | |
| 74/ 73 | | | | .6 | 1.5 | 1.4 | 1.8 | 1.0 | .3 | 1.0 | .8 | .3 | | | | | | | 62 | 62 | | |
| 72/ 71 | | .3 | .7 | 1.3 | 1.0 | 1.0 | .3 | 1.9 | .4 | 1.1 | .8 | .4 | | | | | | | 64 | 64 | 5 | 1 |
| 70/ 69 | | .3 | .4 | .4 | .8 | 1.1 | .7 | .4 | .4 | | .6 | | | | | | | | 37 | 37 | 11 | 4 |
| 68/ 67 | | .1 | .6 | .6 | | .3 | .7 | .1 | .6 | | .3 | | | | | | | | 23 | 23 | 42 | 7 |
| 66/ 65 | | .4 | .1 | .3 | .1 | .4 | .3 | .3 | .1 | .1 | | | | | | | | | 16 | 16 | 94 | 10 |
| 64/ 63 | | | .8 | .4 | | .3 | .3 | .3 | .4 | | | | | | | | | | 18 | 18 | 110 | 29 |
| 62/ 61 | | .6 | 1.3 | .7 | .6 | .1 | .1 | .1 | | | | | | | | | | | 25 | 25 | 115 | 24 |
| 60/ 59 | | .6 | .3 | | .1 | .1 | | | | | | | | | | | | | 8 | 8 | 106 | 45 |
| 58/ 57 | | .1 | .6 | .1 | | | | | | | | | | | | | | | 6 | 6 | 96 | 56 |
| 56/ 55 | | 1.0 | .3 | | | | | | | | | | | | | | | | 9 | 9 | 51 | 59 |
| 54/ 53 | | .3 | | | | | | | | | | | | | | | | | 2 | 2 | 46 | 59 |
| 52/ 51 | .1 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 24 | 48 |
| 50/ 49 | .1 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 16 | 56 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 3 | 52 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 46 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 43 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 39 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 38 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 36 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 22 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 14 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 14 |

| 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 0-26-5 (OL A) 80 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | SEP 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 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 12 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 3 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .3 | 3.9 | 5.4 | 4.7 | 4.5 | 6.7 | 6.7 | 10.2 | 3.3 | 8.2 | 8.5 | 7.6 | 7.1 | 7.8 | 5.1 | 2.8 | 2.2 | | 719 | | 719 |
| | | | | | | | | | | | | | | | | | | 719 | | 719 | |

| 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. | 1646341 | 30849 | 42.9 | 21.266 | 719 | | | | | | | |
| Dry Bulb | 4285941 | 55163 | 76.7 | 8.651 | 719 | | | 79.0 | 63.5 | 36.3 | 1.3 | 90 |
| Wet Bulb | 2643351 | 43469 | 60.5 | 4.692 | 719 | | | 7.3 | | | | 90 |
| Dew Point | 1810199 | 35461 | 49.3 | 9.237 | 719 | | 3.9 | 1.5 | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

22144 STATION | BIGGS AAF IX (EL PASO) STATION NAME | 72-79 YEARS | SEP 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 |
| 92/ 89 | | | | | | | | | | | | | | | .1 | | .1 | 2 | 2 | | |
| 88/ 87 | | | | | | | | | | | | .1 | .1 | .3 | | .3 | | 6 | 6 | | |
| 86/ 85 | | | | | | | | | | | | .3 | .3 | .4 | | | | 7 | 7 | | |
| 84/ 83 | | | | | | | | | | .3 | .3 | .8 | .1 | .3 | .6 | | | 17 | 17 | | |
| 82/ 81 | | | | | | | | | .3 | .6 | 1.8 | .4 | | .3 | .4 | | | 27 | 27 | | |
| 80/ 79 | | | | | | | | .6 | .7 | 1.1 | .8 | .8 | .1 | .3 | .1 | | | 33 | 33 | | |
| 78/ 77 | | | | | | | .6 | 1.0 | 1.1 | 1.4 | 1.1 | .7 | .1 | .1 | | | | 44 | 44 | | |
| 76/ 75 | | | | .3 | .4 | 1.3 | 1.3 | 1.7 | 1.0 | 2.1 | 1.1 | .3 | .4 | | | | | 70 | 70 | | |
| 74/ 73 | | | .4 | .8 | 1.5 | 1.5 | 2.1 | .4 | 1.0 | 1.4 | .8 | .1 | .1 | | | | | 74 | 74 | | |
| 72/ 71 | | .1 | 1.1 | 2.2 | 2.8 | 1.0 | 1.5 | 1.5 | 1.8 | 1.3 | .1 | | | | | | | 97 | 97 | | |
| 70/ 69 | | .1 | .4 | 1.8 | .8 | 1.3 | 1.1 | .6 | 1.7 | 1.9 | .1 | .1 | | | | | | 72 | 72 | 13 | 3 |
| 68/ 67 | | .1 | 1.5 | .8 | 1.4 | 1.3 | 1.4 | 1.1 | 1.0 | .1 | .3 | | | | | | | 65 | 65 | 16 | 3 |
| 66/ 65 | | 1.4 | 1.7 | 2.1 | .6 | 1.3 | .3 | .4 | .3 | | | | | | | | | 57 | 57 | 80 | 16 |
| 64/ 63 | .1 | .3 | 1.0 | .1 | .5 | .6 | .6 | .4 | .4 | | | | | | | | | 29 | 29 | 91 | 34 |
| 62/ 61 | .4 | 1.4 | 1.1 | .1 | 1.0 | | .4 | .3 | | | | | | | | | | 34 | 34 | 105 | 49 |
| 60/ 59 | | .8 | .4 | .1 | .3 | .7 | 1.0 | .1 | .1 | | | | | | | | | 26 | 26 | 84 | 46 |
| 58/ 57 | .1 | .8 | .4 | .4 | 1.1 | .3 | .6 | .3 | | | | | | | | | | 29 | 29 | 91 | 64 |
| 56/ 55 | | 1.4 | .6 | .4 | | .6 | | | | | | | | | | | | 21 | 21 | 82 | 55 |
| 54/ 53 | | | .4 | | | | | | | | | | | | | | | 3 | 3 | 60 | 54 |
| 52/ 51 | | .7 | | | .1 | | | | | | | | | | | | | 6 | 6 | 43 | 47 |
| 50/ 49 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 31 | 64 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 14 | 55 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 8 | 41 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | 33 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 37 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 34 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 25 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 22 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 7 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 12 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 4 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) | BIGGS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | SEP (MONTH)

PAGE 2 | 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 |
| TOTAL | .0 | 7.2 | 9.0 | 9.3 | 10.6 | 9.6 | 13.7 | 8.3 | 9.3 | 10.1 | 6.5 | 3.8 | 1.4 | 1.7 | 1.3 | .3 | .1 | 720 | 720 | 720 | 720 |

| 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. | 24132.5 | 38797 | 53.9 | 21.183 | 720 | | | | | | | |
| Dry Bulb | 3595063 | 50593 | 70.3 | 7.458 | 720 | | | 64.3 | 35.0 | 9.8 | | 90 |
| Wet Bulb | 2508562 | 42326 | 58.8 | 5.324 | 720 | | | 3.6 | | | | 90 |
| Dew Point | 1903996 | 36438 | 50.6 | 9.130 | 720 | | 3.3 | 1.4 | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AEGAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | LTGGS AAF TX (EL PASO) STATION NAME | 72-79 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 |
| 100/ 99 | | | | | | | | | | | | | | | | | .2 | | 9 | 9 | | |
| 98/ 97 | | | | | | | | | | | | | | | | .1 | .5 | | 32 | 32 | | |
| 96/ 95 | | | | | | | | | | | | | .0 | .0 | .3 | .4 | 1.1 | | 102 | 102 | | |
| 94/ 93 | | | | | | | | | | | | .0 | | .2 | .5 | .3 | .8 | | 104 | 104 | | |
| 92/ 91 | | | | | | | | | | | .3 | | .2 | .4 | .6 | .6 | .5 | | 127 | 127 | | |
| 90/ 89 | | | | | | | | | | | .0 | .3 | .5 | .6 | .6 | .7 | .4 | | 179 | 179 | | |
| 88/ 87 | | | | | | | | | .0 | .2 | .6 | .8 | .5 | .8 | .6 | .4 | .1 | | 231 | 231 | | |
| 86/ 85 | | | | | | | | .1 | .2 | .3 | .6 | .8 | .7 | .6 | .3 | .2 | .1 | | 222 | 222 | | |
| 84/ 83 | | | | | | | .0 | .2 | .6 | .7 | 1.0 | .7 | .4 | .5 | .3 | .1 | .0 | | 258 | 258 | | |
| 82/ 81 | | | | | | .0 | .4 | .4 | .7 | .8 | .7 | .7 | .6 | .3 | .2 | .0 | | | 286 | 286 | | |
| 80/ 79 | | | | | .1 | .3 | .3 | .6 | .7 | .8 | .5 | .6 | .3 | .3 | .1 | | | | 253 | 253 | | |
| 78/ 77 | | | | .0 | .1 | .4 | .6 | .9 | 1.1 | .9 | .5 | .4 | .2 | .1 | | | | | 306 | 306 | | |
| 76/ 75 | | | .1 | .2 | .4 | .9 | .7 | .9 | 1.1 | .7 | .4 | .3 | .2 | .1 | | | | | 340 | 340 | | |
| 74/ 73 | | | .2 | .5 | .9 | 1.1 | 1.4 | 1.0 | .4 | .6 | .5 | .2 | .0 | | | | | | 387 | 387 | | |
| 72/ 71 | | .1 | .6 | 1.0 | 1.4 | 1.3 | .7 | 1.0 | .6 | .5 | .2 | .1 | .0 | | | | | | 426 | 426 | 20 | 1 |
| 70/ 69 | | .2 | 1.0 | 1.6 | 1.1 | 1.3 | 1.0 | .6 | .6 | .4 | .1 | .0 | | | | | | | 456 | 456 | 165 | 10 |
| 68/ 67 | | .4 | 1.1 | 1.1 | .8 | 1.0 | 1.0 | . | .5 | .1 | .1 | | | | | | | | 380 | 380 | 365 | 46 |
| 66/ 65 | .0 | .6 | 1.2 | .9 | 1.1 | .9 | .4 | .4 | .2 | .1 | .0 | | | | | | | | 339 | 339 | 632 | 145 |
| 64/ 63 | .2 | .7 | 1.0 | .8 | .7 | .6 | .3 | .3 | .2 | .0 | | | | | | | | | 279 | 279 | 811 | 256 |
| 62/ 61 | .2 | 1.0 | 1.0 | .7 | .7 | .3 | .3 | .2 | .1 | .0 | | | | | | | | | 266 | 266 | 865 | 320 |
| 60/ 59 | .1 | 1.6 | .6 | .4 | .3 | .3 | .4 | .2 | .0 | .0 | | | | | | | | | 231 | 231 | 730 | 427 |
| 58/ 57 | .2 | 1.1 | .7 | .3 | .4 | .3 | .1 | .1 | .0 | .0 | | | | | | | | | 188 | 188 | 656 | 468 |
| 56/ 55 | .1 | 1.1 | .4 | .3 | .1 | .3 | | .0 | | | | | | | | | | | 134 | 134 | 484 | 539 |
| 54/ 53 | .3 | .5 | .3 | .1 | .2 | .1 | .3 | | | | | | | | | | | | 87 | 87 | 390 | 520 |
| 52/ 51 | .3 | .4 | .1 | .1 | .2 | .1 | | | | | | | | | | | | | 60 | 60 | 245 | 492 |
| 50/ 49 | .3 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | 43 | 43 | 164 | 490 |
| 48/ 47 | .1 | | .1 | .1 | .0 | | | | | | | | | | | | | | 18 | 18 | 92 | 373 |
| 46/ 45 | .1 | | .1 | | .0 | | | | | | | | | | | | | | 11 | 11 | 58 | 305 |
| 44/ 43 | | | .0 | .0 | | | | | | | | | | | | | | | 3 | 3 | 37 | 267 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 20 | 242 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 3 | 246 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 221 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 142 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 80 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 (STATION) WIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (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 |
| [illegible] 31 | | | | | | | | | | | | | | | | | | | | | 76 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 41 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 21 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 13 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 8 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 4 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 3 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.8 | 7.8 | 3.8 | 8.3 | 8.5 | 9.0 | 7.7 | 7.4 | 7.1 | 6.2 | 5.3 | 5.0 | 3.8 | 3.9 | 3.3 | 2.7 | 3.5 | 5757 | 5757 | 5757 | 5757 |

| 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. | 18540946 | 296860 | 51.6 | 23.701 | 5757 | | | | | | | |
| Dry Bulb | 31424914 | 420613 | 73.1 | 10.987 | 5757 | | | 512.4 | 354.7 | 212.4 | 30.9 | 720 |
| Wet Bulb | 20763070 | 344238 | 59.8 | 5.584 | 5757 | | | 71.3 | | | | 720 |
| Dew Point | 15343680 | 292812 | 50.9 | 8.849 | 5757 | | 20.9 | 7.1 | | | | 720 |

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2...44 (STATION) | 13GS AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | OCT (MONTH)

PAGE 1 | 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 | | | | | | | | | | | | .6 | .4 | | | | | 7 | 7 | | |
| 72/ 71 | | | | | .1 | .1 | .4 | .1 | | | .4 | .6 | | | | | | 12 | 12 | | |
| 70/ 69 | | | | | | 1.1 | .1 | .1 | .1 | .8 | .5 | .1 | | | | | | 23 | 23 | | |
| 68/ 67 | | | .3 | .3 | .7 | .7 | .3 | .1 | .2 | .5 | .1 | | | | | | | 28 | 28 | | |
| 66/ 65 | | | .7 | | 1.1 | .7 | .3 | .4 | .9 | .3 | .1 | .1 | | | | | | 34 | 34 | | |
| 64/ 63 | .3 | .3 | .1 | .7 | .5 | .8 | .1 | .4 | .7 | .7 | .3 | | | | | | | 33 | 33 | 8 | 3 |
| 62/ 61 | | .9 | .1 | 1.6 | .7 | 1.6 | 1.1 | 1.2 | .9 | .1 | | | | | | | | 62 | 62 | 10 | 6 |
| 60/ 59 | .1 | 1.1 | 2.0 | 1.8 | .7 | 1.3 | .9 | 1.2 | | | | | | | | | | 68 | 68 | 31 | 8 |
| 58/ 57 | .8 | 1.2 | .3 | .4 | 2.0 | 1.5 | .7 | .8 | .3 | | | | | | | | | 59 | 59 | 35 | 17 |
| 56/ 55 | .1 | 1.6 | 1.3 | 1.3 | 2.0 | 1.3 | .9 | 1.3 | | | | | | | | | | 74 | 74 | 58 | 23 |
| 54/ 53 | .1 | 1.3 | 2.4 | 1.3 | 3.2 | 1.5 | 1.3 | .4 | .4 | | | | | | | | | 83 | 38 | 34 | 45 |
| 52/ 51 | | 1.9 | 1.2 | 1.2 | 2.3 | .7 | .8 | | .1 | | | | | | | | | 59 | 59 | 81 | 48 |
| 50/ 49 | .1 | 1.5 | 1.2 | 2.6 | .4 | 1.6 | .7 | .1 | | | | | | | | | | 61 | 61 | 106 | 34 |
| 48/ 47 | .1 | .7 | 1.3 | .9 | 1.2 | 2.2 | .5 | | | | | | | | | | | 52 | 52 | 68 | 44 |
| 46/ 45 | .5 | .5 | .7 | .8 | .8 | 1.5 | .3 | | | | | | | | | | | 38 | 38 | 84 | 55 |
| 44/ 43 | | .1 | | .3 | .9 | .4 | | | | | | | | | | | | 17 | 17 | 69 | 35 |
| 42/ 41 | | .1 | .3 | .9 | .3 | .1 | | | | | | | | | | | | 13 | 13 | 46 | 51 |
| 40/ 39 | | .4 | .1 | .4 | | | | | | | | | | | | | | 7 | 7 | 33 | 56 |
| 38/ 37 | | .7 | | | | | | | | | | | | | | | | 5 | 5 | 38 | 59 |
| 36/ 35 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 30 | 46 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 9 | 36 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 38 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 38 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 30 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 32 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 21 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 11 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 4 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.4 | 13.0 | 11.9 | 14.9 | 16.7 | 17.1 | 8.5 | 6.3 | 4.4 | 2.0 | 1.5 | 1.2 | .4 | | | | | 742 | 742 | 742 | 742 |

| 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. | 2934701 | 44281 | 59.7 | 20.523 | 742 | | | | | | | |
| Dry Bulb | 2343248 | 41315 | 55.7 | 7.590 | 742 | | | 8.8 | .9 | | | 93 |
| Wet Bulb | 1736358 | 35546 | 47.9 | 6.722 | 742 | | | | | | | 93 |
| Dew Point | 1279196 | 29374 | 40.3 | 10.156 | 742 | | 23.1 | | | | | 93 |

USAFETAC FORM 0-36-5 (OL-A) 3/8 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | OCT 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 |
| 78/ 77 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 76/ 73 | | | | | | | | | | | .1 | | .1 | | | | | 2 | 2 | | |
| 72/ 71 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 70/ 69 | | | | | | | | | .1 | .3 | | | | | | | | 3 | 3 | | |
| 68/ 67 | | | .1 | | .3 | .4 | | | .4 | .4 | .1 | | | | | | | 17 | 17 | | |
| 66/ 65 | | | .4 | .1 | .7 | .1 | | .1 | .4 | .1 | | | | | | | | 15 | 15 | | |
| 64/ 63 | .3 | .7 | .5 | .7 | 1.3 | .5 | .3 | .5 | .7 | .1 | | .1 | | | | | | 43 | 43 | 4 | 3 |
| 62/ 61 | | .5 | .5 | 1.1 | | .4 | .4 | .9 | .1 | | | | | | | | | 30 | 30 | 13 | 4 |
| 60/ 59 | .3 | | 2.0 | 1.6 | .8 | .4 | 1.1 | .8 | .1 | | | | | | | | | 53 | 53 | 15 | 9 |
| 58/ 57 | 1.1 | 2.0 | 1.5 | .5 | 1.1 | .4 | 1.2 | .5 | .2 | .1 | | | | | | | | 65 | 65 | 36 | 17 |
| 56/ 55 | | 2.3 | 1.1 | 1.5 | .9 | .8 | .7 | .3 | .1 | .1 | | | | | | | | 58 | 58 | 49 | 22 |
| 54/ 53 | .3 | .7 | 2.6 | 2.4 | 2.0 | .9 | .9 | .3 | .1 | | | | | | | | | 76 | 76 | 43 | 49 |
| 52/ 51 | .1 | 1.9 | 2.6 | 1.7 | 2.8 | 1.3 | .5 | .1 | | | | | | | | | | 83 | 83 | 44 | 35 |
| 50/ 49 | | 2.0 | 1.2 | 2.3 | 1.7 | 1.3 | .7 | .1 | | | | | | | | | | 70 | 70 | 69 | 32 |
| 48/ 47 | .3 | 1.6 | 2.0 | 1.5 | .9 | 1.2 | .1 | | | | | | | | | | | 57 | 57 | 88 | 37 |
| 46/ 45 | .3 | 1.1 | .8 | 1.1 | 2.2 | 1.7 | | | | | | | | | | | | 53 | 53 | 79 | 59 |
| 44/ 43 | .1 | 1.9 | 1.3 | 1.1 | 1.9 | .4 | | | | | | | | | | | | 50 | 50 | 73 | 41 |
| 42/ 41 | | .9 | .4 | .9 | .9 | .1 | | | | | | | | | | | | 25 | 25 | 61 | 46 |
| 40/ 39 | .1 | .5 | .3 | .5 | 1.2 | | | | | | | | | | | | | 20 | 20 | 51 | 56 |
| 38/ 37 | | .5 | .3 | .7 | .1 | | | | | | | | | | | | | 12 | 12 | 52 | 48 |
| 36/ 35 | | .4 | .5 | .1 | | | | | | | | | | | | | | 8 | 8 | 32 | 66 |
| 34/ 33 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 23 | 34 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 10 | 37 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 39 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 30 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 31 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 26 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 10 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 6 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 3 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.8 | 17.2 | 18.2 | 17.9 | 19.9 | 10.2 | 5.9 | 3.8 | 2.6 | 1.2 | .3 | .1 | .1 | .1 | | | | 743 | 743 | 743 | 743 |

| 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. | 3414679 | 48271 | 65.0 | 19.378 | 743 | | | | | | | |
| Dry Bulb | 2492791 | 39735 | 52.5 | 7.524 | 743 | | | 3.0 | .4 | | | 93 |
| Wet Bulb | 1629464 | 34386 | 46.3 | 7.164 | 743 | | 1.4 | | | | | 93 |
| Dew Point | 1259348 | 29638 | 39.9 | 10.193 | 743 | | 23.5 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2519

AL CLIMATOLOGY BRANCH
USAF
[illegible] SENATE [illegible]

# PSYCHROMETRIC SUMMARY

2 44 — STATION
[illegible] AF TX (EL PASO) — STATION NAME
72-79 — YEARS
OCT — MONTH

PAGE 1 — 0600-0900 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 | | | | | | | | | | | | 1 | 1 | | |
| / 7 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| / 7. | | | | | | .3 | | | | | .1 | | | | | | | 3 | 3 | | |
| / | | | .1 | .1 | | .3 | .3 | .1 | .5 | .8 | .1 | .1 | | | | | | 21 | 21 | | |
| 6" | | | .1 | . | .7 | .4 | .3 | | .8 | .1 | .1 | | | | | | | 18 | 18 | | |
| / | | | .1 | .7 | .7 | .2 | .5 | .7 | .5 | .1 | | | | | | | | 27 | 27 | | |
| 4/ 6 | .. | .4 | .8 | 1.1 | .4 | .3 | .7 | .4 | .7 | .1 | | | | | | | | 39 | 39 | 8 | 4 |
| / | .3 | .7 | .1 | 1.2 | .7 | 1.2 | .7 | 1.2 | .1 | | | | | | | | | 46 | 46 | 1 | 5 |
| 9 | .1 | 1.5 | 1.2 | .8 | .3 | 1.6 | .9 | .4 | .5 | .1 | | | | | | | | 58 | 58 | 29 | 15 |
| / 57 | .3 | 1.3 | 1.2 | .7 | 2. | .7 | .9 | .5 | .3 | | | | | | | | | 61 | 61 | 34 | 17 |
| 5 5 | .7 | 2.2 | 2. | 1.5 | 1.5 | 1.8 | 1.2 | 1.1 | .3 | | | | | | | | | 70 | 70 | 44 | 27 |
| / | | 2.3 | 1.9 | 1.2 | 1.1 | 1.6 | .9 | .5 | | | | | | | | | | 72 | 72 | 45 | 29 |
| 1 | .1 | 1.1 | 1.1 | 1.1 | .9 | 1.8 | .5 | .1 | | | | | | | | | | 50 | 50 | 77 | 32 |
| | | .9 | 2.6 | 1.6 | 1.1 | .9 | | .4 | | | | | | | | | | 55 | 56 | 67 | 42 |
| / 47 | .. | 2.3 | 1.8 | 1.3 | .8 | 1.3 | .5 | .1 | | | | | | | | | | 63 | 63 | 67 | 31 |
| 5 | .1 | 1.1 | 1.1 | 1.3 | 1.3 | .7 | | | | | | | | | | | | 42 | 42 | 77 | 50 |
| 4/ 40 | .1 | .9 | .9 | 1.3 | 1.5 | .3 | | | | | | | | | | | | 38 | 38 | 76 | 51 |
| / 41 | | .5 | .4 | .4 | .9 | .1 | | | | | | | | | | | | 20 | 20 | 52 | 41 |
| / | .1 | .5 | .3 | .9 | .7 | | | | | | | | | | | | | 19 | 19 | 46 | 48 |
| / 37 | | .3 | .1 | .4 | | | | | | | | | | | | | | 6 | 6 | 38 | 49 |
| / | | .8 | .1 | .1 | .3 | | | | | | | | | | | | | 13 | 13 | 24 | 63 |
| 3 / 73 | | | | | | | | | | | | | | | | | | | | 22 | 37 |
| / 31 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 8 | 41 |
| / 2 | | | | | | | | | | | | | | | | | | | | | 31 |
| / 27 | | | | | | | | | | | | | | | | | | | | 4 | 35 |
| / 25 | | | | | | | | | | | | | | | | | | | | | |
| / 2 | | | | | | | | | | | | | | | | | | | | | 32 |
| / 21 | | | | | | | | | | | | | | | | | | | | | 11 |
| / | | | | | | | | | | | | | | | | | | | | | 3 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 3 |
| 1 / | | | | | | | | | | | | | | | | | | | | | 3 |
| / 13 | | | | | | | | | | | | | | | | | | | | | 3 |
| | . | 17.5 | 16.0 | 16.6 | 15.1 | 13.9 | 7.4 | 5.7 | 3.4 | 1.3 | .4 | .1 | | | | | | 742 | 742 | | 742 |
| | | | | | | | | | | | | | | | | | | 742 | | 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. | 331 055 | 47397 | 63.9 | 19.799 | 742 | | | | | | | |
| Dry Bulb | 2230406 | 39974 | 53.9 | 7.954 | 742 | | .3 | 5.5 | .3 | | | 93 |
| Wet Bulb | 1695518 | 35140 | 47.2 | 7.351 | 742 | | 1.5 | | | | | 93 |
| Dew Point | 1304747 | 30161 | 40.6 | 10.312 | 742 | | 21.6 | | | | | 85 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 44 STATION | ...GGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | OCT 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 |
| 6/ -<br>/ 8 | | | | | | | | | | | | | | .1<br>.2 | .2<br>.2 | .4 | .1 | 6<br>3 | 6<br>3 | | |
| / -<br>/ 24 | | | | | | | | | .3 | .5 | .5 | .1<br>.3 | .3<br>.5 | .1<br>.2 | .1<br>.1 | | | 5<br>24 | 5<br>24 | | |
| / 7<br>7 / 32 | | | | | | | .3 | .4<br>.8 | .9<br>.8 | .3<br>.3 | .4<br>.8 | .5<br>.9 | .2 | | | | | 27<br>32 | 27<br>32 | | |
| / 7<br>/ 33 | | | | | | .3<br>.3 | .4<br>.5 | .5<br>1.1 | .7<br>.8 | .5<br>1.2 | 1.2<br>2.1 | 1.5<br>1.2 | .8<br>.8 | .4 | | | | 47<br>59 | 47<br>59 | | |
| / 71<br>/ 66 | | | .1 | .1<br>.4 | .3 | 1.3<br>.9 | 1.2<br>1.1 | .8<br>1.9 | 2.0<br>1.5 | 2.0<br>.9 | 1.5<br>.9 | .7<br>.9 | .1 | | | | | 77<br>67 | 77<br>67 | | |
| 6<br>6/ | | | .1<br>.3 | .5<br>.5 | .1<br>.4 | 1.1<br>1.1 | .7<br>1.6 | 1.9<br>1.3 | 1.2<br>1.3 | 2.1<br>1.2 | .4<br>.7 | | | | | | | 60<br>66 | 60<br>66 | 1 | |
| 47 6<br>/ | | .2<br>.2 | .4<br>.5 | .5<br>.5 | .5<br>1.2 | 2.3<br>.5 | 1.1<br>1.5 | .7<br>1.2 | 1.1<br>1.2 | .9<br>.3 | | | | | | | | 58<br>54 | 58<br>54 | 54<br>54 | 1<br>2 |
| / 9<br>/ 57 | .1 | .9<br>.5 | .1<br>.4 | .7<br>.7 | .7<br>.5 | .8<br>.3 | .7<br>.1 | .3<br>.5 | .5<br>.5 | .1<br>.4 | | | | | | | | 39<br>30 | 39<br>30 | 54<br>7 | 21<br>24 |
| 5 / 5<br>/ 2 | .1 | .4<br>.1 | .7 | .3<br>1.1 | .4<br>.4 | .3<br>.3 | .7<br>.7 | .4<br>.8 | | .1 | | | | | | | | 24<br>26 | 24<br>26 | 13<br>11 | 27<br>29 |
| / 1<br>/ 4 | | | .7 | .3<br>.3 | .4 | .3<br>.1 | .4<br>.3 | | .1 | | | | | | | | | 13<br>6 | 13<br>6 | 69<br>69 | 44<br>43 |
| / 47<br>/ 4 | .1<br>.1 | .3 | .1 | 1 | .3<br>.5 | | | | | | | | | | | | | 4<br>7 | 4<br>7 | 51<br>28 | 44<br>22 |
| 4/ 4<br>/ 4 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | 25<br>18 | 37<br>61 |
| / 3<br>/ 31 | | .3<br>.3 | .1 | | | | | | | | | | | | | | | 3<br>2 | 3<br>2 | 12<br>8 | 53<br>44 |
| / 35<br>3 / 33 | | | | | | | | | | | | | | | | | | | | 2 | 54<br>44 |
| / 33<br>0/ 2 | | | | | | | | | | | | | | | | | | | | | 49<br>- |
| / 27<br>/ 25 | | | | | | | | | | | | | | | | | | | | | 24<br>19 |
| / 2<br>2/ 21 | | | | | | | | | | | | | | | | | | | | | 14<br>4 |

| 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 0-26-5 (OL A) 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 44 STATION | ...GS AFB TX (E) ... STATION NAME | 72-79 YEARS | ...CT MONTH

PAGE ... | 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 |
| ... | | | | | | | | | | | | | | | | | | | | | 1 |
| ... | | | | | | | | | | | | | | | | | | | | | 1 |
| ... | | | | | | | | | | | | | | | | | | | | | 4 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| ... | . | 3.9 | 3.5 | 6.1 | 6.2 | 9.9 | 11.2 | 13.9 | 12.6 | 11.7 | 7.8 | 5.9 | 4.0 | 2.2 | .9 | .4 | .1 | 741 | 741 | 741 | 741 |

| 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. | 1665275 | 72215 | 43.5 | 18.939 | 741 | | | | | | | |
| Dry Bulb | 3394282 | 49742 | 67.1 | 8.636 | 741 | | | 51.1 | 25.5 | 6.5 | | 93 |
| Wet Bulb | 2142347 | 39591 | 53.4 | 6.349 | 741 | | | | | | | 93 |
| Dew Point | 1268225 | 31009 | 41.8 | 9.746 | 741 | | 17.2 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 44 — STATION
...GS AAF T (E. PASO) — STATION NAME
72-75 — YEARS
OCT — MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| [illegible] | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| [illegible] | | | | | | | | | | | | | | | | | [illegible] | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | | | | | | | | .1 | 2.0 | 16 | 16 | | |
| [illegible] | | | | | | | | | | | | | | | | | | 15 | 15 | | |
| [illegible] | | | | | | | | | | | .5 | .1 | .7 | .4 | 1.6 | 1.1 | .1 | 32 | 32 | | |
| [illegible] | | | | | | | | | | | .7 | .9 | .8 | .5 | 1.2 | 1.3 | .3 | 43 | 43 | | |
| [illegible] | | | | | | | | | | | 1.3 | .7 | .4 | .9 | 1.6 | .7 | | 43 | 43 | | |
| [illegible] | | | | | | | | .1 | .3 | 1.2 | 1.1 | .7 | 2.0 | 2.3 | 2.4 | .4 | | 80 | 80 | | |
| [illegible] | | | | | | | | .2 | .3 | 1.1 | .8 | 1.1 | 1.9 | 2.2 | .3 | .1 | | 56 | 56 | | |
| 7 [illegible] | | | | | | | .5 | .3 | 1.2 | .7 | 1.2 | 1.5 | 2.0 | 2.2 | .1 | | | 73 | 73 | | |
| [illegible] | | | | | | .1 | .1 | .4 | .2 | 1.3 | 1.9 | 1.8 | .9 | .3 | | | | 60 | 60 | | |
| [illegible] | | | | | | .7 | .7 | .5 | 1.2 | 1.3 | 1.2 | 1.2 | .5 | | | | | 58 | 58 | | |
| [illegible] | | | | | .3 | .3 | .4 | .4 | 2.3 | .7 | .9 | .4 | .3 | | | | | 49 | 49 | | |
| [illegible] | | | | .1 | .1 | .5 | .7 | .8 | 1.8 | .9 | .4 | .1 | | | | | | 41 | 41 | | |
| [illegible] | | | | .4 | .2 | .3 | .5 | .9 | 1.1 | .7 | .4 | .4 | | | | | | 37 | 37 | 8 | |
| 6 [illegible] | | | .5 | .5 | .3 | .3 | .3 | 1.5 | .8 | .1 | .1 | .1 | | | | | | 32 | 32 | 25 | |
| [illegible] | | .1 | .1 | .3 | .4 | .1 | .7 | .7 | .1 | .4 | .4 | | | | | | | 25 | 25 | 51 | |
| [illegible] | | .3 | .1 | | | .3 | .5 | | .4 | .3 | .1 | | | | | | | 15 | 15 | 65 | 5 |
| [illegible] | | .3 | .1 | .3 | .1 | .1 | .5 | .1 | .5 | .1 | | | | | | | | 17 | 17 | 84 | 15 |
| [illegible] | | .3 | | .3 | .1 | .1 | .1 | .1 | .1 | .5 | | | | | | | | 14 | 14 | 113 | 28 |
| [illegible] | | .1 | | .1 | .4 | .1 | | .3 | | | | | | | | | | 8 | 8 | 126 | 32 |
| [illegible] | | | | .3 | .2 | .1 | | .1 | | | | | | | | | | 6 | 6 | 96 | 25 |
| [illegible] | | | .1 | | .1 | | | .3 | | | | | | | | | | 4 | 4 | 73 | 35 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 39 | 34 |
| [illegible] | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | 14 | 35 |
| [illegible] | .4 | | | | .1 | .1 | | | | | | | | | | | | 5 | 5 | 21 | 35 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 9 | 5e |
| [illegible] | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 8 | 6 |
| [illegible] | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 55 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 7 | 71 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 57 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 48 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 45 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...TAC
...CATION SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 — STATION
...BS AAF TX (EL PASO) — STATION NAME
72-79 — YEARS
OCT — MONTH

PAGE 2 — HOURS (L. S. T.) 1200-1400

| 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 |
| / 25 | | | | | | | | | | | | | | | | | | | | | 4 |
| / 2. 21 24 | | | | | | | | | | | | | | | | | | | | | 8 |
| / 1 / 17 | | | | | | | | | | | | | | | | | | | | | 6 4 |
| .. | .. | 1.5 | .8 | 2.3 | 2.7 | 3.9 | 5.1 | 6.9 | 11.2 | 10.1 | 10.9 | 10.0 | 9.2 | 8.9 | 7.4 | 4.9 | 3.8 | 741 | 741 | 741 | 741 |

| 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. | 577495 | 23893 | 32.2 | 16.726 | 741 | | | | | | | |
| Dry Bulb | 4242442 | 55628 | 75.1 | 9.470 | 741 | | | 76.6 | 60.6 | 33.4 | .9 | 93 |
| Wet Bulb | 2337974 | 41422 | 55.9 | 5.511 | 741 | | | 1.0 | | | | 93 |
| Dew Point | 1181192 | 29992 | 40.5 | 9.534 | 741 | | 19.7 | | | | | 53 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5014

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

# PSYCHROMETRIC SUMMARY

2...44 | ...GS AF TX (EL PASO) | 72-79 | OCT

STATION | STATION NAME | YEARS | 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 | | | | |
| ... / ... | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| ... / ... | | | | | | | | | | | | | | | | | 1.5 | 11 | 11 | | |
| ... / ... | | | | | | | | | | | | | | | | .1 | 2.0 | 16 | 16 | | |
| ... / 8 | | | | | | | | | | | | | .1 | .1 | .2 | 1.5 | .2 | 26 | 26 | | |
| ... / 87 | | | | | | | | | | | | .4 | .4 | .5 | 1.1 | 1.6 | .7 | 35 | 35 | | |
| ... / 8... | | | | | | | | | | | .4 | .7 | 1.2 | .5 | 1.3 | 1.7 | .7 | 49 | 49 | | |
| ... / 8... | | | | | | | | | | .1 | 1.2 | 1.1 | .4 | 1.2 | 2.7 | 1.1 | | 58 | 58 | | |
| ... / ... | | | | | | | | | .1 | .4 | 1.2 | .7 | .9 | 2.4 | 2.... | .1 | | 65 | 65 | | |
| ... / 7... | | | | | | | | .1 | .4 | .9 | 1.1 | 1.7 | 2.2 | 2.6 | 1.1 | .1 | | 76 | 76 | | |
| 7 / 77 | | | | | | | .7 | .8 | .4 | .9 | .9 | 1.2 | 1.9 | 1.5 | .9 | | | 66 | 66 | | |
| ... / ... | | | | | | | | .4 | .4 | .7 | 1.9 | 1.3 | 1.2 | .7 | .1 | | | 53 | 53 | | |
| ... / 7 | | | | | | .7 | .4 | .5 | .4 | 1.9 | 1.1 | .8 | .8 | .3 | | | | 50 | 50 | | |
| ... 7... | | | | | .1 | .4 | .3 | .4 | 1.3 | .8 | 1.3 | .7 | .3 | | | | | 42 | 42 | | |
| ... / ... | | | | | .3 | .7 | .2 | .5 | 1.6 | 1.2 | .7 | .7 | | | | | | 44 | 44 | | |
| ... / 6... | | | | .3 | .1 | .1 | .4 | .3 | .9 | .8 | .1 | .1 | .3 | | | | | 26 | 23 | | |
| 6 / ... | | | .5 | .1 | .1 | .3 | | .4 | 1.2 | .1 | .7 | .1 | | | | | | 27 | 27 | 1... | |
| ... 6 | | .4 | .1 | .4 | | .1 | .2 | .3 | .5 | .1 | .5 | | | | | | | 25 | 25 | 4... | |
| ... / ... | | | | | | .1 | .2 | .4 | .5 | .7 | .1 | | | | | | | 19 | 19 | 5... | 2 |
| ... 9 | | .5 | .4 | | | .3 | .4 | | .3 | .1 | | | | | | | | 15 | 15 | 77 | 15 |
| ... / ... | | .5 | .3 | .1 | .4 | | .1 | | .1 | .3 | | | | | | | | 14 | 14 | 11... | 13 |
| 5 / ...5 | | .1 | | .3 | .... | .5 | | | | .1 | | | | | | | | 10 | 10 | 122 | 25 |
| ... / ... | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 96 | 32 |
| ... / ... | | | .1 | | | | | .7 | | | | | | | | | | 3 | 3 | 78 | 33 |
| ... / ... | | | | | | | | | | | | | | | | | | | | 46 | 30 |
| ... / ... | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 21 | 26 |
| ... / 4... | .4 | | | | .4 | | | | | | | | | | | | | 6 | 6 | 17 | 31 |
| 4 / 4... | | | | | | | | | | | | | | | | | | | | 10 | 31 |
| ... / 43 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | 2 | 5... |
| ... / 7... | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 54 |
| 3 / 37 | | | | | | | | | | | | | | | | | | | | 9 | 51 |
| ... / ... | | | | | | | | | | | | | | | | | | | | 1 | 78 |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | | 51 |
| ... / 31 | | | | | | | | | | | | | | | | | | | | | 60 |
| ... / 2... | | | | | | | | | | | | | | | | | | | | | 33 |

| 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 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
A... ...FAT ...R SERVIC... /MAC

# PSYCHROMETRIC SUMMARY

2 44 — STATION
...GS AAF TX (EL PASO) — STATION NAME
72-79 — YEARS
...T — MONTH

PAGE ? 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 |
| / 21 | | | | | | | | | | | | | | | | | | | | | 27 |
| / 25 | | | | | | | | | | | | | | | | | | | | | 36 |
| ./ 2. | | | | | | | | | | | | | | | | | | | | | 17 |
| 21 23 | | | | | | | | | | | | | | | | | | | | | 7 |
| ./ 1. | | | | | | | | | | | | | | | | | | | | | 9 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| ./ 1 | | | | | | | | | | | | | | | | | | | | | - |
| ' . | .4 | 1.9 | 1.7 | 1.5 | 1.7 | 3.4 | 4.3 | 4.3 | 6.3 | 9.3 | 11.3 | 9.5 | 9.7 | 9.7 | 10.5 | 6.3 | 5.9 | 744 | 744 | 744 | 744 |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | |

| 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. | 835913 | 12328 | 39.0 | 17.583 | 744 | | | | | | | |
| Dry Bulb | 4366967 | 56549 | 76.0 | 9.627 | 744 | | | 77.5 | 63.3 | 37.5 | 1.5 | 5[illegible] |
| Wet Bulb | 2325025 | 41403 | 5.6 | 5.314 | 744 | | | | | | | 9[illegible] |
| Dew Point | 1196580 | 28924 | [illegible].9 | 9.852 | 744 | | 25.5 | | | | | 3[illegible] |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...TAL CLIMATOLOGY BRANCH
...TAC
...STATIONS SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 — STATION
...GS AF TX (EL PASO) — STATION NAME
72-79 — YEARS
...CT — 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 |
| ≤ / 8 | | | | | | | | | | | | | | .1 | .1 | | | 5 | 5 | | |
| / | | | | | | | | | | | | | .1 | .1 | 1.1 | | | 10 | 10 | | |
| / | | | | | | | | | | .1 | .4 | | .1 | .5 | .9 | | | 15 | 19 | | |
| / 79 | | | | | | | | | .2 | .4 | .4 | .1 | .9 | .9 | | | | 23 | 23 | | |
| 7 / 77 | | | | | | | | .1 | .4 | 1.1 | .3 | .4 | 1.3 | .7 | | | | 32 | 32 | | |
| / 75 | | | | | | .4 | | .6 | .3 | 1.1 | .4 | 1.5 | .7 | .3 | | | | 47 | 47 | | |
| / | | | | | .1 | .1 | .7 | .6 | .9 | .4 | 1.1 | .7 | 1.1 | .1 | | | | 44 | 44 | | |
| / 71 | | | | .1 | .1 | .8 | .9 | .7 | 1.1 | 1.6 | 2.4 | .7 | .7 | | | | | 69 | 69 | | |
| / | | | | .1 | .3 | .9 | .4 | .4 | 2.3 | 1.6 | .9 | 1.2 | .1 | | | | | 68 | 68 | | |
| / 67 | | | | | .2 | .5 | 1.5 | .7 | 2.4 | .5 | 1.6 | .7 | .1 | | | | | 62 | 62 | 1 | |
| / | | | .1 | .4 | .5 | .7 | 1.6 | 1.5 | 1.9 | .5 | .5 | .4 | | | | | | 62 | 62 | 5 | |
| 4 / 6 | | .5 | .2 | .3 | .5 | .4 | 1.5 | 1.3 | .8 | 1.5 | .2 | | | | | | | 53 | 63 | 1 | 1 |
| / | .1 | .1 | .2 | .9 | 1.1 | .6 | 1.2 | 1.2 | 1.5 | .7 | .1 | | | | | | | 64 | 64 | 35 | 9 |
| / 59 | | | .4 | .5 | .5 | 1.1 | 1.1 | .8 | .7 | .3 | | | | | | | | 40 | 40 | 5 | - |
| / 5 | | 1.1 | .4 | .5 | 1.1 | .5 | .3 | .5 | .4 | .1 | | | | | | | | 37 | 37 | 4 | 17 |
| 5 / 55 | | .5 | .2 | .5 | .6 | .4 | .6 | .8 | .5 | | | | | | | | | 35 | 35 | 28 | 2 |
| / | | .2 | .1 | .3 | .6 | .4 | | .7 | | | | | | | | | | 18 | 18 | 1 4 | 13 |
| | | .4 | .7 | .4 | .3 | .1 | .7 | .5 | .1 | | | | | | | | | 24 | 24 | 07 | .9 |
| / | | .1 | .3 | .3 | .4 | | .1 | .3 | | | | | | | | | | 11 | 11 | 21 | 39 |
| / 47 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 73 | 36 |
| / 4 | .2 | .1 | | | .2 | .5 | .1 | | | | | | | | | | | 9 | 9 | 47 | 46 |
| 4 / | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 3 | 47 |
| / 43 | | | | | | | | | | | | | | | | | | | | 18 | 50 |
| / | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 11 | 59 |
| / 5 | | | | | | | | | | | | | | | | | | | | 8 | 51 |
| / 2 | | | | | | | | | | | | | | | | | | | | | 54 |
| 3 / 2 | | | | | | | | | | | | | | | | | | | | | 40 |
| / 31 | | | | | | | | | | | | | | | | | | | | | 50 |
| / | | | | | | | | | | | | | | | | | | | | | 50 |
| / 24 | | | | | | | | | | | | | | | | | | | | | 44 |
| / 25 | | | | | | | | | | | | | | | | | | | | | 40 |
| / 23 | | | | | | | | | | | | | | | | | | | | | 22 |
| 21 / | | | | | | | | | | | | | | | | | | | | | 21 |
| / 15 | | | | | | | | | | | | | | | | | | | | | 14 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 4... STATION | ...6> AAF TX (EL PASO) STATION NAME | 72-79 YEARS | OCT 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 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| / 12 | | | | | | | | | | | | | | | | | | | | | 1 |
| 1 / 11 | .3 | 3.5 | 4.9 | 4.7 | 7.5 | 7.5 | 11.9 | 11.4 | 14.2 | 10.0 | 3.4 | 5.7 | 5.2 | 2.0 | 2.4 | | | | | | 3 |
| | | | | | | | | | | | | | | | | | | | 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. | 156,499 | 40,15 | 41.5 | 19.820 | 743 | | | | | | | |
| Dry Bulb | 331304 | 49208 | 66.2 | 8.539 | 743 | | | 46.9 | 22.0 | 4.9 | | 93 |
| Wet Bulb | 204002 | 38692 | 52.1 | 5.916 | 743 | | | .1 | | | | 52 |
| Dew Point | 123199 | 29258 | 39.4 | 10.374 | 743 | | 25.9 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 ...44 STATION | ...GS AAF TX (EL PASO) STATION NAME | 72-79 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 |
| / 7 | | | | | | | | .5 | .3 | | .1 | .5 | .4 | .4 | | | | 7<br>17 | 7<br>17 | | |
| / 7) | | | | | .2 | .1 | .8 | .9 | .4 | .5 | .3 | .3 | .1 | | | | | 19<br>28 | 19<br>28 | | |
| / 67 | | | .1 | .7 | .4 | .8 | .1 | .1 | 1.2 | .5 | | | | | | | | 46<br>30 | 46<br>30 | | |
| 5 | | .5 | .5 | .5 | 1.3 | .8 | 2.4 | .5 | 1.2 | .1 | | | | | | | | 49<br>58 | 49<br>58 | 1<br>8 | 1 |
| / 9 | .4 | .5 | 1.1 | .5 | 1.2 | 1.5 | 2.3 | 1.2 | 1.3 | .5 | | | | | | | | 70<br>80 | 70<br>80 | 25<br>40 | 10<br>8 |
| 5 / 5 | .4 | 1.3<br>1.6 | .3<br>1.2 | .8<br>.7 | 1.9<br>.9 | 2.3<br>1.5 | 1.2<br>1.1 | 1.9<br>1.3 | .1<br>.1 | .3<br>.3 | | | | | | | | 78<br>65 | 78<br>65 | 41<br>57 | 15<br>28 |
| / 11 | | .5<br>.7 | 1.2<br>.9 | .7<br>.5 | 1.3<br>1.2 | 1.2<br>1.6 | 1.9<br>.7 | .7<br>.5 | .3<br>.1 | | | | | | | | | 58<br>47 | 58<br>47 | 65<br>98 | 34<br>1 |
| 47 | | .1<br>.3 | .7<br>.4 | 1.2<br>.3 | .7<br>.4 | .7<br>1.1 | 1.6<br>.4 | .1 | | | | | | | | | | 38<br>24 | 38<br>24 | 101<br>63 | 37<br>32 |
| / 4<br>47 | .4 | .4<br>.3 | .3 | .1<br>.1 | .1<br>.4 | .5<br>.3 | | | | | | | | | | | | 14<br>8 | 14<br>9 | 65<br>69 | 38<br>46 |
| 47 | | .1<br>.3 | .1 | | .1 | .1 | | | | | | | | | | | | 3<br>3 | 3<br>3 | 44<br>28 | 49<br>60 |
| / 3 | | .3 | | | | | | | | | | | | | | | | 2<br>8 | 2<br>8 | 27<br>57 | 55<br>57 |
| 3 / 13<br>/ 2 | | | | | | | | | | | | | | | | | | | | 3<br>1 | 36<br>33 |
| / 27 | | | | | | | | | | | | | | | | | | | | | 37<br>34 |
| / 25<br>/ 23 | | | | | | | | | | | | | | | | | | | | | 17<br>14 |
| 47 21<br>/ 1 | | | | | | | | | | | | | | | | | | | | | 15<br>1 |
| / 17<br>/ 1 | | | | | | | | | | | | | | | | | | | | | 3<br>4 |
| / 13<br>1 / 11 | | | | | | | | | | | | | | | | | | | | | 2<br>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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE /MAC

# PSYCHROMETRIC SUMMARY

2 44 — STATION
...GS AAF TX (EL PASO) — STATION NAME
72-79 — YEARS
...CT — MONTH

PAGE ^ 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 |
| | 1.3 | .4 | 7.3 | 8.1 | 12.1 | 16.9 | 16.1 | 11.4 | 8.1 | 4.4 | 2.1 | 1.7 | 1.3 | 1.1 | | | | 744 | 744 | 744 | 744 |

| 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. | 2...7715 | 3...13 | 51.9 | 20.216 | 744 | | | | | | | |
| Dry Bulb | 2692586 | 44376 | 59.6 | 7.849 | 744 | | | 18.4 | 5.4 | .5 | | 93 |
| Wet Bulb | 1.55763 | 36845 | 49.5 | 6.471 | 744 | | .1 | | | | | 93 |
| Dew Point | 1268289 | 29739 | 41.0 | 10.394 | 744 | | 23.7 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...STAC
A... SAT... SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 (STATION) ... GS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) OCT (MONTH)

PAGE 1 (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 | | | | |
| ../.. | | | | | | | | | | | | | | | | | • | 2 | 2 | | |
| ../.. | | | | | | | | | | | | | | | | | • 3 | 17 | 17 | | |
| ../.. | | | | | | | | | | | | | | | | • | • | 32 | 32 | | |
| ../ 8 | | | | | | | | | | | | • | • | • | • | • | • | 41 | 41 | | |
| 8../ 87 | | | | | | | | | | | • | • 1 | • 1 | • 1 | • 0 | • 0 | • 1 | 73 | 73 | | |
| ../ 85 | | | | | | | | | | | • 1 | • 2 | • 3 | • 2 | • 4 | • 0 | • 1 | 100 | 100 | | |
| 4../ 83 | | | | | | | | | | • | • 2 | • 3 | • 3 | • 7 | • 2 | | | 116 | 116 | | |
| ../ 81 | | | | | | | | | • | • 1 | • 4 | • 2 | • 5 | • 8 | • 6 | • | | 134 | 134 | | |
| ../ 79 | | | | | | | | • 1 | • 2 | • 6 | • 3 | • 4 | • 7 | • 9 | • 2 | • 0 | | 162 | 189 | | |
| 7../ 77 | | | | | | | • 2 | • 3 | • 4 | • 4 | • 2 | • 5 | • 4 | • 5 | • 1 | | | 204 | 204 | | |
| ../ 75 | | | | | | • 2 | • 1 | • 4 | • 4 | • 5 | • 7 | • 8 | • 5 | • 5 | • 0 | | | 225 | 225 | | |
| 6../ 73 | | | | | • 0 | • 2 | • 3 | • 6 | • 4 | • 7 | • 7 | • 7 | • 5 | • 0 | | | | 240 | 240 | | |
| ../ 71 | | | | • 1 | • 2 | • 4 | • 5 | • 4 | • 4 | • 7 | • 9 | • 4 | • 2 | | | | | 241 | 281 | | |
| ../ 69 | | | • 0 | • 1 | • 2 | • 2 | • 3 | • 6 | 1 • 1 | • 9 | • 6 | • 4 | • 1 | | | | | 313 | 313 | | |
| ../ 67 | | | • 1 | • 3 | • 4 | • 5 | • 5 | • 3 | 1 • 1 | • 7 | • 4 | • 2 | • 1 | | | | | 780 | 780 | 5 | |
| 6../ 65 | | | • 4 | • 3 | • 6 | • 5 | • 7 | • 9 | 1 • 0 | • 4 | • 2 | • 1 | | | | | | 312 | 312 | • 6 | |
| 4../ 63 | • 1 | • 4 | • 4 | • 6 | • 6 | • 7 | • 9 | • 6 | • 7 | • 3 | • 3 | • 0 | | | | | | 344 | 344 | 164 | 13 |
| ../ 61 | • 1 | • 4 | • 7 | • 9 | • 5 | • 8 | 1 • 2 | 1 • 0 | • 7 | • 3 | • 1 | | | | | | | 360 | 360 | 301 | 49 |
| ../ 59 | • 2 | • 6 | • 9 | • 8 | • 6 | • 9 | 1 • 3 | • 6 | • 5 | • 3 | | | | | | | | 370 | 370 | 388 | 99 |
| ../ 57 | • 7 | 1 • 1 | • 3 | • 5 | 1 • 1 | • 7 | • 6 | • 6 | • 2 | • 2 | | | | | | | | 358 | 353 | 439 | 144 |
| 5../ 55 | • 1 | 1 • 1 | • 2 | • 8 | • 9 | • 9 | • 7 | • 7 | • 1 | • 1 | | | | | | | | 364 | 364 | 657 | 207 |
| ../ 53 | • 1 | • 6 | 1 • 0 | • 9 | 1 • 1 | • 8 | • 7 | • 4 | • 1 | | | | | | | | | 345 | 345 | 696 | 291 |
| ../ 51 | • 0 | • 7 | • 9 | • 7 | 1 • | • 7 | • 5 | • 2 | • 1 | | | | | | | | | 283 | 283 | 637 | 293 |
| ../ 49 | • | • 0 | • 7 | 1 • 0 | • | • 6 | • 4 | • 1 | | | | | | | | | | 241 | 241 | 588 | 291 |
| ../ 47 | • 1 | • 6 | • 7 | • 9 | • 5 | • 7 | • 2 | • 0 | | | | | | | | | | 204 | 204 | 445 | 289 |
| ../ 45 | • 3 | • 3 | • 4 | • 4 | • 7 | • 5 | • 1 | | | | | | | | | | | 174 | 174 | 415 | 365 |
| 4../ 43 | • | • 5 | • 2 | • 4 | • 6 | • 2 | | | | | | | | | | | | 115 | 116 | 361 | 350 |
| ../ 41 | | • 3 | • 2 | • 3 | • 3 | • 1 | | | | | | | | | | | | 64 | 64 | 267 | 414 |
| 3../ 39 | • 0 | • 4 | • 1 | • 2 | • 2 | | | | | | | | | | | | | 58 | 58 | 190 | 441 |
| ../ 37 | | • 3 | • 1 | • 1 | • 1 | | | | | | | | | | | | | 27 | 27 | 126 | 428 |
| ../ 35 | | • 2 | • 1 | • 0 | • 0 | | | | | | | | | | | | | 20 | 20 | 105 | 405 |
| 34../ 33 | | • 0 | | | | | | | | | | | | | | | | 1 | 1 | 57 | 336 |
| ../ 31 | | | • 0 | • 0 | | | | | | | | | | | | | | 2 | 2 | 19 | 353 |
| ../ 29 | | | | | | | | | | | | | | | | | | | | 1 | 241 |

| Element (X) | Σx' | Σx | X | σx | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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

# PSYCHROMETRIC SUMMARY

2 44 STATION | SIGGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | OCT MONTH

PAGE 2 | ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| / .. | | | | | | | | | | | | | | | | | | | | | 4 | 2[illegible] |
| / 25 | | | | | | | | | | | | | | | | | | | | | | 2[illegible] |
| .. / 23 | | | | | | | | | | | | | | | | | | | | | | 144 |
| / 21 | | | | | | | | | | | | | | | | | | | | | | 87 |
| [illegible] / 1 | | | | | | | | | | | | | | | | | | | | | | 63 |
| [illegible] / 17 | | | | | | | | | | | | | | | | | | | | | | 19 |
| 1 / 1[illegible] | | | | | | | | | | | | | | | | | | | | | | 17 |
| [illegible] / 13 | | | | | | | | | | | | | | | | | | | | | | 13 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 1 1/1 | 1.4 | 3.2 | 6.0 | 9.0 | 10.2 | 10.3 | 9.7 | 8.0 | 8.1 | 6.3 | 5.5 | 4.3 | 3.8 | 3.1 | 2.6 | 1.4 | 1.2 | | 5940 | | 5940 | |
| | | | | | | | | | | | | | | | | | | | 5940 | | 5940 | |

| 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. | 171086321 | 297813 | 49.5 | 23.076 | 5940 | | | | | | | |
| Dry Bulb | 246453814 | 375828 | 63.3 | 12.082 | 5940 | | .7 | 287.7 | 179.2 | 82.7 | 2.4 | 744 |
| Wet Bulb | 157631147 | 302931 | 51.0 | 7.273 | 5940 | | 3.0 | 1.1 | | | | 744 |
| Dew Point | 101992297 | 238595 | 40.2 | 10.106 | 5940 | | 180.2 | | | | | 744 |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5018

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

# PSYCHROMETRIC SUMMARY

2 44 — STATION
... GS AAF TX (EL PASO) — STATION NAME
72-77 — YEARS
NOV — MONTH

PAGE 1 — HOURS (L. S. T.) 0000-0230

| 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 | | | | |
| / 67 | | | | | | | | | .1 | | .6 | .2 | | | | | | 7 | 7 | | |
| .7 / .. | | | | | | | | | .1 | .1 | .7 | | | | | | | 7 | 7 | | |
| 47 6. | | | | | .1 | | .1 | .3 | | .1 | .3 | | | | | | | 7 | 7 | | |
| / 6. | | | | | | | .3 | .3 | .1 | .3 | .1 | | | | | | | 8 | 8 | | |
| / 59 | | | | .4 | .7 | .4 | .1 | .1 | .3 | .7 | | | | | | | | 24 | 24 | | |
| / 57 | | .3 | .2 | | .4 | .4 | .6 | .4 | .6 | .1 | | | | | | | | 24 | 24 | | |
| 5 / 55 | | .4 | .6 | | .3 | .7 | .6 | .7 | .6 | | | | | | | | | 27 | 27 | 9 | |
| .. / 5. | .. | .1 | .1 | .4 | .4 | 1.0 | .8 | .7 | .6 | .1 | | | | | | | | 33 | 33 | 7 | 7 |
| / 1 | .3 | .7 | 1.. | .3 | .4 | 1.3 | 1.3 | .0 | .1 | | | | | | | | | 44 | 44 | 15 | 11 |
| .. / . | | 1.9 | .7 | 1.4 | 1.1 | 1.4 | .6 | .2 | .1 | | | | | | | | | 53 | 53 | 23 | 5 |
| / 47 | .3 | .7 | 1.1 | 1.5 | 1.4 | 1.0 | .7 | .4 | | | | | | | | | | 50 | 50 | 37 | 16 |
| / 4. | | .7 | 1.9 | 1.3 | 1.. | .7 | 1.. | | | | | | | | | | | 55 | 55 | 36 | 16 |
| 4/ 4. | .1 | 2.4 | 1.3 | 2.8 | 1.7 | 1.4 | .4 | | | | | | | | | | | 72 | 72 | 62 | 16 |
| 2 / 4. | | 3.1 | 2.1 | 2.2 | 1.1 | 1.1 | .1 | | | | | | | | | | | 70 | 70 | 80 | 22 |
| .. / .. | | 2.1 | 2.1 | 1.5 | 1.3 | .7 | .3 | | | | | | | | | | | 57 | 57 | 82 | 40 |
| . / 77 | .. | 3.1 | 1.7 | 1.0 | 1.3 | 1.4 | | | | | | | | | | | | 48 | 48 | 76 | 17 |
| / 7. | .. | .4 | 1.7 | .. | 1.3 | .6 | | | | | | | | | | | | 36 | 36 | 72 | 59 |
| 3 / 73 | .1 | .7 | .5 | 1.1 | 1.5 | .1 | | | | | | | | | | | | 28 | 28 | 52 | 42 |
| . / .1 | | .7 | 1.4 | 1.1 | .6 | | | | | | | | | | | | | 27 | 27 | 37 | 56 |
| .. / 2. | | .1 | .4 | .. | | | | | | | | | | | | | | 10 | 10 | 32 | 63 |
| / 27 | | .6 | .1 | .. | | | | | | | | | | | | | | 11 | 11 | 39 | 42 |
| . / 2. | | .. | .4 | .6 | | | | | | | | | | | | | | 9 | 9 | 26 | 58 |
| . / 2. | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 14 | 40 |
| . / 2. | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 7 | 32 |
| / 1 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 38 |
| . / 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | . |
| 1 / 1. | | .. | | | | | | | | | | | | | | | | 2 | 2 | | 6 |
| . / 1. | | .1 | | | | | | | | | | | | | | | | 1 | | | 2 |
| 1 / 11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 33 |
| / . | | | | | | | | | | | | | | | | | | | | | 2. |
| / 7 | | | | | | | | | | | | | | | | | | | | | |
| . / 5 | | .4 | | | | | | | | | | | | | | | | 3 | | | |
| . / 3 | | | | | | | | | | | | | | | | | | | | | |
| . / 1 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 STATION | LAGS AF TX (EL PASO) STATION NAME | 72-79 YEARS | NOV MONTH

PAGE 2 | 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 |
| / -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| - / -2 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] 121 | 1.7 | 17.9 | 17.2 | 17.8 | 15.6 | 12.1 | 7.1 | 4.0 | 3.2 | 1.9 | 1.7 | .3 | | | | | | 720 | 720 | 720 | 720 |

| 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. | 2736179 | 41943 | 58.2 | 20.980 | 720 | | | | | | | |
| Dry Bulb | 1473107 | 31871 | 44.3 | 9.619 | 720 | | 8.8 | .9 | | | | 90 |
| Wet Bulb | 1064314 | 27084 | 37.6 | 7.955 | 720 | | 21.3 | | | | | 90 |
| Dew Point | 679687 | 20667 | 28.7 | 10.966 | 720 | .4 | 56.0 | | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AFETAC
...ATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 — ...GGS AAF IX (EL PASO) — 72-79 — NOV

STATION — STATION NAME — YEARS — MONTH

PAGE , 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 |
| / 67 | | | | | | | | | | | .3 | | | | | | | | 2 | 2 | | |
| 67/ 65 | | | | | | | | | | | .4 | | | | | | | | 3 | 3 | | |
| /67/ 63 | | | | | | | | .1 | .1 | .1 | .3 | | | | | | | | 5 | 5 | | |
| /67/ 61 | | | | | | | .4 | .1 | | .4 | | | | | | | | | 7 | 7 | | |
| / 59 | | | | .3 | .1 | | .1 | .1 | .1 | .4 | | | | | | | | | 9 | 9 | | |
| /67/ 57 | | | .5 | .1 | .3 | .3 | .3 | .1 | .7 | | | | | | | | | | 15 | 15 | | |
| 5 / 55 | | .9 | .7 | .1 | .5 | .3 | .1 | .3 | .8 | | | | | | | | | | 27 | 27 | 1 | |
| /67/ 53 | | | .4 | .1 | .2 | .6 | .4 | 1.0 | .1 | | | | | | | | | | 23 | 23 | 13 | 4 |
| / 51 | .4 | .4 | .8 | | .6 | .6 | .7 | .3 | .1 | | | | | | | | | | 28 | 28 | 9 | 8 |
| /67/ 49 | | .1 | .1 | .7 | .6 | 1.3 | .9 | .3 | .1 | | | | | | | | | | 27 | 27 | 11 | 6 |
| / 47 | .1 | 1.9 | 1.7 | .6 | .8 | 1.3 | .6 | .4 | .1 | | | | | | | | | | 54 | 54 | 29 | 6 |
| /67/ 45 | .1 | 1.7 | 2.2 | .4 | 1.3 | .1 | .4 | .4 | | | | | | | | | | | 48 | 48 | 31 | 25 |
| /67/ 43 | .1 | 2.2 | 1.9 | 1.8 | 1.9 | .7 | .7 | .1 | | | | | | | | | | | 59 | 59 | 46 | 11 |
| /67/ 41 | | 1.4 | 2.5 | 1.7 | .8 | .4 | .5 | | | | | | | | | | | | 51 | 51 | 61 | 19 |
| / 3 | .1 | 2.6 | 2.6 | 1.4 | 2.1 | .6 | | | | | | | | | | | | | 68 | 68 | 63 | 38 |
| /67/ 37 | 1.0 | 2.4 | 3.1 | 2.9 | .4 | .6 | | | | | | | | | | | | | 76 | 76 | 22 | 43 |
| / 35 | .6 | 2.1 | 1.9 | .8 | 1.3 | .1 | | | | | | | | | | | | | 49 | 49 | 74 | 50 |
| 34/ 33 | .1 | 1.0 | 1.0 | 1.1 | 1.9 | | | | | | | | | | | | | | 37 | 37 | 72 | 44 |
| / 31 | .3 | 1.5 | 1.3 | 1.0 | .8 | | | | | | | | | | | | | | 35 | 35 | 52 | 36 |
| /67/ 29 | .1 | .8 | .4 | 2.1 | .4 | | | | | | | | | | | | | | 28 | 28 | 44 | 56 |
| / 27 | .1 | .6 | .7 | 1.4 | .4 | | | | | | | | | | | | | | 23 | 23 | 32 | 64 |
| /67/ 25 | | 1.2 | 1.1 | | | | | | | | | | | | | | | | 15 | 15 | 34 | 52 |
| /67/ 23 | | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 28 | 40 |
| 67/ 21 | | .7 | .4 | | | | | | | | | | | | | | | | 8 | 8 | 17 | 36 |
| / 1 | | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 10 | 35 |
| /67/ 17 | | | | | | | | | | | | | | | | | | | | | 4 | 16 |
| 1 / 15 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | 17 |
| 1/67/ 13 | | .6 | | | | | | | | | | | | | | | | | 4 | 4 | 3 | 29 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 2 | 28 |
| 1/67/ 9 | | | | | | | | | | | | | | | | | | | | | | 12 |
| /67/ 7 | | | | | | | | | | | | | | | | | | | | | | 12 |
| /67/ 5 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 |
| /67/ 3 | | .5 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 |
| /67/ 1 | | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 44 STATION | USGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | NOV MONTH

PAGE 2 | 0300-0600 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 |
| - / - 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| - / - 2 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | 5.2 | 22.8 | 23.5 | 16.5 | 14.7 | 6.9 | 4.6 | 3.3 | 2.9 | 1.0 | 1.0 | | | | | | | 720 | 72[illegible] | 72[illegible] | 7[illegible] |

| 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. | 313592 | 45145 | 62.7 | 20.739 | 720 | | | | | | | |
| Dry Bulb | 1288788 | 29678 | 41.2 | 9.543 | 720 | | 15.3 | .3 | | | | 9[illegible] |
| Wet Bulb | 966226 | 25718 | 35.7 | 8.136 | 720 | | 28.6 | | | | | 9[illegible] |
| Dew Point | 646080 | 20102 | 27.9 | 10.990 | 720 | .4 | 57.8 | | | | | 9[illegible] |

USAETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 46 STATION | ...GS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | NOV MONTH

PAGE 1 | 0600-0900 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 | | | | | |
| / 67 | | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| .4/ 6 | | | | | | | | .1 | | .3 | .4 | | | | | | | | 6 | 6 | | |
| / 61 | | | | .1 | | .1 | | | .3 | .3 | | | | | | | | | 6 | 6 | | |
| / 59 | | | | | .2 | .1 | .3 | | .3 | .1 | | | | | | | | | 8 | 8 | | |
| / 57 | | | .7 | | .1 | .6 | | .3 | .6 | | | | | | | | | | 16 | 16 | | |
| 5./ 55 | | .6 | 1.3 | .1 | .4 | .7 | .3 | .6 | .1 | | | | | | | | | | 29 | 29 | 2 | |
| ./ 5 | | .1 | .6 | .4 | .7 | .6 | 1.0 | 1.0 | .3 | | | | | | | | | | 33 | 33 | 11 | 3 |
| ./ 51 | .4 | .3 | .4 | 1.0 | 1.0 | .7 | .8 | .6 | | | | | | | | | | | 37 | 17 | 14 | 12 |
| / 4 | | .7 | | .6 | .6 | 1.1 | .7 | .4 | .1 | | | | | | | | | | 30 | 30 | 12 | 6 |
| ./ 47 | .7 | 1.3 | 1.3 | .6 | 1.2 | 1.0 | .6 | .4 | .1 | | | | | | | | | | 56 | 56 | 29 | 12 |
| ./ 45 | | 1.0 | 1.3 | 2.2 | 1.0 | .7 | .6 | .3 | | | | | | | | | | | 50 | 50 | 34 | 17 |
| ./ 43 | .1 | 2.2 | 1.7 | 2.2 | 1.1 | .3 | .3 | .4 | | | | | | | | | | | 60 | 60 | 55 | 15 |
| ./ 41 | | 1.9 | 1.4 | 2.6 | .7 | 1.7 | .3 | | | | | | | | | | | | 62 | 62 | 56 | 26 |
| ./ 3 | .3 | 2.2 | 2.8 | 1.9 | 1.3 | 1.1 | .3 | | | | | | | | | | | | 71 | 71 | 82 | 59 |
| / 37 | .4 | 1.7 | 2.5 | 1.4 | 1.3 | .6 | | | | | | | | | | | | | 56 | 56 | 63 | 43 |
| ./ 35 | .6 | 1.7 | 2.4 | 1.1 | 1.3 | .1 | | | | | | | | | | | | | 51 | 51 | 75 | 41 |
| 3./ 33 | .1 | 1.4 | 1.3 | 1.4 | .6 | | | | | | | | | | | | | | 36 | 36 | 63 | 54 |
| ./ 31 | .1 | 1.7 | .7 | 1.4 | 1.1 | | | | | | | | | | | | | | 36 | 36 | 56 | 46 |
| / 29 | | 1.7 | .3 | 1.7 | .3 | | | | | | | | | | | | | | 23 | 23 | 48 | 61 |
| ./ 27 | | .3 | 1.3 | .7 | .1 | | | | | | | | | | | | | | 17 | 17 | 36 | 52 |
| / 25 | | .6 | 1.0 | .6 | | | | | | | | | | | | | | | 17 | 17 | 20 | 56 |
| ./ 23 | | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 33 | 28 |
| 2./ 21 | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 15 | 34 |
| / 19 | | .6 | .3 | | | | | | | | | | | | | | | | 8 | 8 | 7 | 32 |
| ./ 17 | .1 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 6 | 20 |
| 1./ 15 | | .3 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 35 |
| 1./ 13 | | | | | | | | | | | | | | | | | | | | | | 28 |
| 1./ 11 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | 26 |
| 1./ 9 | | .3 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 17 |
| / 7 | | | | | | | | | | | | | | | | | | | | | | 10 |
| ./ 5 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | 7 |
| ./ 3 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 5 |
| 2./ 1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| ./ -1 | | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

23044 | CDGS AAF TX (EL PASO) | 72-79 | NOV
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 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 |
| [illegible] | [illegible] | 20.6 | 21.8 | 20.3 | 13.5 | 9.3 | 5.[illegible] | 4.[illegible] | 1.9 | .7 | .6 | | | | | | | 720 | 723 | 724 | 720 |

| 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. | 3[illegible]3017 | 44455 | 61.7 | 20.178 | 720 | | | | | | | |
| Dry Bulb | 1316634 | 30032 | 41.7 | 9.432 | 720 | | 14.0 | .1 | | | | 9[illegible] |
| Wet Bulb | 982687 | 25947 | 36.[illegible] | 8.138 | 720 | | 28.5 | | | | | 9[illegible] |
| Dew Point | 653562 | 26208 | 28.1 | 10.961 | 720 | .3 | 57.8 | | | | | 9[illegible] |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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...ETAC
...WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 ...44 | 8106S AAF TX (EL PASO) | 72-79 | NOV

STATION | STATION NAME | YEARS | 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 |
| ../ 7... | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| ../ 72 | | | | | | | | | | .1 | | | .4 | .1 | | | | 5 | 5 | | |
| / 71 | | | | | | | | | .1 | | .1 | .7 | .7 | | | | | 12 | 12 | | |
| ../ 69 | | | | | | | | | .2 | .3 | .4 | 1.0 | .1 | | | | | 15 | 15 | | |
| ../ 67 | | | | | | .3 | | 1.0 | .3 | .6 | .6 | .7 | | | | | | 24 | 24 | | |
| ../ 65 | | | | | | .4 | | .4 | .4 | 1.4 | 1.1 | | | | | | | 27 | 27 | | |
| ../ 6... | | | | | | .1 | .3 | .3 | .7 | .7 | .7 | .3 | | | | | | 30 | 30 | | |
| / ../ | | | | .6 | .6 | .1 | 1.0 | 1.2 | 1.4 | .7 | .3 | | | | | | | 42 | 42 | | |
| / 59 | | .1 | .3 | .7 | 1.1 | 1.0 | .7 | 1.8 | 1.4 | .6 | .4 | | | | | | | 58 | 58 | 1 | |
| / 57 | | .1 | 1.3 | .7 | .4 | 1.4 | 1.9 | 1.5 | .3 | .8 | .3 | | | | | | | 60 | 60 | 4 | |
| 5 / 55 | | .1 | .6 | .4 | 1.1 | 2.4 | 1.8 | 1.7 | 1.1 | .8 | | | | | | | | 72 | 72 | 20 | 1 |
| ../ 53 | | .3 | .4 | 1.4 | 1.3 | 1.9 | 2.5 | 1.8 | 1.3 | | | | | | | | | 76 | 76 | 27 | 5 |
| ../ 51 | | | .3 | .7 | 1.8 | 1.9 | 1.4 | 1.1 | .9 | | | | | | | | | 58 | 58 | 32 | 12 |
| ../ 4... | | | .6 | .8 | 2.2 | 1.1 | .7 | 1.7 | .3 | | | | | | | | | 53 | 53 | 55 | 10 |
| / 47 | | | .8 | 1.1 | 1.2 | 1.8 | 1.1 | .3 | | | | | | | | | | 44 | 44 | 86 | 12 |
| ../ 45 | | .1 | .7 | 1.1 | 1.8 | 1.0 | 1.1 | .4 | | | | | | | | | | 45 | 45 | 82 | 19 |
| ../ 43 | | | .6 | .7 | .3 | .4 | 1.1 | .1 | | | | | | | | | | 23 | 23 | 83 | 24 |
| ../ 41 | | | | .4 | .6 | 1.3 | .1 | | | | | | | | | | | 17 | 17 | 87 | 28 |
| ../ 7... | | | .1 | .3 | .6 | 1.1 | | | | | | | | | | | | 15 | 15 | 70 | 30 |
| ../ 77 | | .1 | | .1 | .6 | .8 | | | | | | | | | | | | 12 | 12 | 49 | 45 |
| ../ 7... | | .3 | | | .1 | .3 | | | | | | | | | | | | 5 | 5 | 30 | 45 |
| 3 ../ 73 | .1 | .3 | | .1 | .3 | | | | | | | | | | | | | 6 | 6 | 30 | 57 |
| / 71 | | .3 | | .3 | .1 | | | | | | | | | | | | | 5 | 5 | 21 | 55 |
| ../ ... | | .3 | .1 | | | | | | | | | | | | | | | 3 | 3 | 17 | 65 |
| ../ 27 | | | | | | | | | | | | | | | | | | | | 9 | 48 |
| ../ 25 | | .3 | .1 | | | | | | | | | | | | | | | 3 | 3 | 1 | 41 |
| ../ 23 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 32 |
| ../ 21 | | .3 | .1 | | | | | | | | | | | | | | | 3 | 3 | 3 | 38 |
| ../ 19 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 46 |
| ../ 17 | | | | | | | | | | | | | | | | | | | | 1 | 34 |
| ../ 15 | | | | | | | | | | | | | | | | | | | | | 27 |
| ../ 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 27 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | 1 | 22 |
| / 9 | | | | | | | | | | | | | | | | | | | | | 6 |

| 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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...ETAC
A... WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 — STATION
IGGS AAF TX (EL PASO) — STATION NAME
72-79 — YEARS
NOV — MONTH

PAGE ? — 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 |
| / 7 | | | | | | | | | | | | | | | | | | | | | 6 |
| / - | | | | | | | | | | | | | | | | | | | | | 1 |
| 101 | .1 | 3.3 | 5.7 | 9.5 | 13.5 | 17.4 | 14.2 | 13.9 | 8.3 | 6.0 | 3.9 | 2.6 | 1.3 | .3 | | | | 719 | 719 | 719 | 719 |

| 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. | 159758 | 31336 | 43.6 | 17.291 | 719 | | | | | | | |
| Dry Bulb | 213233 | 38569 | 53.6 | 9.397 | 719 | | 2.4 | 7.1 | .8 | | | 9.3 |
| Wet Bulb | 134535 | 30630 | 42.7 | 7.104 | 719 | | 7.9 | | | | | 9. |
| Dew Point | 71867 | 21497 | 29.9 | 10.445 | 719 | | 53.6 | | | | | 53. |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

2 44 STATION | 23GS AAF TX (EL PASO) STATION NAME | 72-79 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 |
| / -1 | | | | | | | | | | | | | | | .8 | | | 6 | 6 | | |
| / 7> | | | | | | | | | | | | | | .3 | 1.2 | | | 9 | 9 | | |
| 7 / 77 | | | | | | | | | | | | .3 | .6 | 1.3 | .3 | .1 | | 18 | 18 | | |
| / 75 | | | | | | | | | .1 | .1 | .3 | .6 | 1.7 | 1.3 | .1 | | | 30 | 30 | | |
| 4/ 73 | | | | | | | | .3 | | .1 | .4 | 1.0 | 1.9 | .4 | .1 | | | 31 | 31 | | |
| / 71 | | | | | | | .1 | .1 | .3 | .8 | .7 | 1.1 | 1.3 | .4 | | | | 35 | 35 | | |
| / 67 | | | | | | | .1 | .4 | .4 | 1.4 | 2.6 | 1.7 | .6 | | | | | 52 | 52 | | |
| / 67 | | | | | .1 | .1 | .3 | .7 | 1.8 | 1.7 | 1.2 | 1.4 | .4 | | | | | 61 | 61 | | |
| / 65 | | | | | .1 | .4 | .7 | 1.0 | 1.8 | 1.3 | 1.4 | 1.3 | .1 | | | | | 59 | 59 | | |
| 4/ 63 | | | | .3 | .2 | .8 | .6 | 1.8 | 1.9 | 1.3 | 1.5 | | | | | | | 63 | 63 | | |
| / 61 | | | | .4 | .1 | .4 | .9 | 1.7 | 1.4 | 2.1 | 1.3 | | | | | | | 58 | 58 | 1 | |
| / 59 | | .1 | | .6 | .6 | .4 | .7 | 2.2 | 1.0 | .8 | 1.1 | | | | | | | 54 | 54 | 4 | |
| / 57 | | .1 | .1 | .3 | .8 | 1.7 | 1.4 | 2.4 | 1.1 | .6 | .1 | | | | | | | 57 | 57 | 11 | |
| 5 / 55 | | .1 | | .3 | .3 | .6 | 1.5 | 2.2 | .7 | .7 | | | | | | | | 46 | 46 | 35 | 7 |
| / 53 | | .4 | | | .1 | .3 | 1.1 | .8 | 1.4 | .1 | | | | | | | | 30 | 30 | 52 | 5 |
| / 51 | | | | .5 | .3 | .7 | .4 | .6 | .5 | | | | | | | | | 26 | 26 | 97 | 14 |
| / 47 | | | | .4 | .4 | .6 | .3 | 1.1 | .1 | | | | | | | | | 21 | 21 | 106 | 10 |
| / 47 | | | | .1 | .1 | .6 | .6 | .3 | .1 | | | | | | | | | 13 | 13 | 85 | 12 |
| / 45 | | | | | .1 | | .5 | .6 | | | | | | | | | | 9 | 9 | 83 | 14 |
| 4/ 43 | | | | | | .1 | 1.2 | .1 | | | | | | | | | | 2 | 9 | 71 | 15 |
| / 41 | | .1 | | .4 | | .3 | .5 | | | | | | | | | | | 10 | 10 | 54 | 23 |
| / 7 | | .1 | | | .1 | .1 | | | | | | | | | | | | 3 | 3 | 33 | 28 |
| / 37 | | | .4 | | .1 | | | | | | | | | | | | | 4 | 4 | 25 | 45 |
| / 35 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 17 | 51 |
| 3 / 33 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 12 | 41 |
| / 31 | | | .3 | .1 | | | | | | | | | | | | | | 3 | 3 | 16 | 71 |
| / 29 | | .1 | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 8 | 51 |
| / 27 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 4 | 69 |
| / 25 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | 2 | 51 |
| 2/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 40 |
| 2/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 29 |
| / 19 | | | | | | | | | | | | | | | | | | | | | 37 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 28 |
| / 15 | | | | | | | | | | | | | | | | | | | | | 29 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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...SFETAC
A... WEATHER SERVICE /MAC

# PSYCHROMETRIC SUMMARY

2 44 | 3GGS AAF TX (EL PASO) | 72-79 | NOV

STATION | STATION NAME | YEARS | 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 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 17 |
| / 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 2 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | 1.5 | 1.6 | 3.8 | 4.7 | 6.4 | 10.6 | 16.1 | 12.8 | 11.0 | 11.4 | 7.2 | 6.5 | 3.6 | 2.4 | .1 | | 720 | 720 | 722 | 720 |

| 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. | 62214 | 23612 | 32.8 | 16.148 | 720 | | | | | | | |
| Dry Bulb | 2812439 | 44421 | 61.7 | 10.000 | 720 | | 1.4 | 30.3 | 11.8 | 1.6 | | 9[illegible] |
| Wet Bulb | 1577293 | 33289 | 46.2 | 6.586 | 720 | | 4.3 | | | | | 9[illegible] |
| Dew Point | 697487 | 21265 | 29.5 | 10.074 | 720 | | 57.5 | | | | | 9[illegible] |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5823

CL[illegible] AL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible] EATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 48 — STATION
[illegible]GS AAF TX (EL PASO) — STATION NAME
72-79 — YEARS
NOV — MONTH

PAGE 1 — 1530-1700 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 |
| [illegible] / 83 | | | | | | | | | | | | | | | .3 | .1 | | 3 | 3 | | |
| [illegible] / 81 | | | | | | | | | | | | | .1 | | .2 | .4 | | 6 | 6 | | |
| / 79 | | | | | | | | | | | | | .4 | .3 | .8 | | | 11 | 11 | | |
| 7[illegible] / 77 | | | | | | | | | .2 | | | .1 | 1.0 | 1.8 | .4 | | | 26 | 26 | | |
| [illegible] / 75 | | | | | | | | .1 | | | | .6 | 1.1 | 1.3 | .3 | .1 | | 25 | 25 | | |
| [illegible] / 73 | | | | | | | | | | | .3 | 1.3 | 1.7 | 1.1 | | | | 31 | 31 | | |
| [illegible] / 71 | | | | | | | | | .6 | .1 | .7 | 2.2 | 2.9 | .3 | .1 | | | 50 | 50 | | |
| / 69 | | | | | | .1 | | .2 | 1.0 | 1.4 | 1.7 | 1.5 | 1.9 | | | | | 61 | 61 | | |
| / 67 | | | | | .1 | .3 | .4 | .6 | 1.1 | 1.9 | 2.5 | 1.0 | .6 | | | | | 61 | 61 | | |
| [illegible] / 65 | | | | | .2 | .4 | .3 | .3 | 1.6 | 1.4 | 1.4 | 1.0 | | | | | | 50 | 50 | | |
| 4/ 63 | | | | | 1.3 | .1 | | .6 | 2.6 | 1.4 | 1.7 | .3 | | | | | | 55 | 55 | | |
| / 61 | | | | .3 | | .4 | .6 | 1.1 | 2.5 | .7 | 2.2 | .3 | | | | | | 64 | 64 | 3 | |
| / 59 | | | | .4 | .3 | 1.0 | 1.0 | 2.5 | 1.4 | 1.3 | 1.0 | | | | | | | 63 | 63 | 3 | |
| / 57 | | .1 | | .1 | .2 | .6 | .6 | 1.5 | 1.3 | 1.5 | .1 | | | | | | | 48 | 48 | 11 | |
| 5 / 55 | | .7 | | .3 | .6 | .4 | .6 | .8 | 2.2 | .7 | | | | | | | | 45 | 45 | 39 | 1 |
| 4/ 53 | | | | .3 | .1 | .7 | .7 | .6 | .3 | .3 | | | | | | | | 21 | 21 | 39 | 3 |
| / 51 | | | .1 | .1 | .4 | .7 | .1 | .1 | 1.1 | | | | | | | | | 20 | 20 | 88 | 14 |
| [illegible] / 49 | | | | .3 | .7 | .3 | .3 | 1.3 | .6 | | | | | | | | | 26 | 26 | 114 | 12 |
| [illegible] / 47 | | | | | .1 | .1 | .3 | .4 | .1 | | | | | | | | | 8 | 8 | 108 | 4 |
| [illegible] / 45 | | | | | | | .7 | 1.1 | | | | | | | | | | 13 | 13 | 76 | 9 |
| 4/ 43 | | | | | | .1 | .6 | | | | | | | | | | | 5 | 5 | 61 | 22 |
| 2/ 41 | | | .1 | .1 | .3 | .1 | .1 | | | | | | | | | | | 6 | 6 | 57 | 18 |
| [illegible] / 39 | | .3 | .4 | | | | | | | | | | | | | | | 5 | 5 | 40 | 13 |
| 3[illegible] / 37 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 22 | 32 |
| [illegible] / 35 | | | .7 | | | | | | | | | | | | | | | 5 | 5 | 12 | 44 |
| 3[illegible] / 33 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 10 | 44 |
| [illegible] / 31 | | .1 | .3 | .3 | | | | | | | | | | | | | | 5 | 5 | 15 | 72 |
| [illegible] / 29 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 66 |
| [illegible] / 27 | | | .3 | | | | | | | | | | | | | | | 2 | 2 | 3 | 55 |
| [illegible] / 25 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | 51 |
| 4/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 42 |
| 2/ 21 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 38 |
| / 19 | | | | | | | | | | | | | | | | | | | | 1 | 43 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 33 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 STATION | 13965 AAF TX (EL PASO) STATION NAME | 72-79 YEARS | NOV 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 |
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| 1 / 13 | | | | | | | | | | | | | | | | | | | | | 24 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 17 |
| / | | | | | | | | | | | | | | | | | | | | | 4 |
| / 7 | | | | | | | | | | | | | | | | | | | | | 4 |
| / | | | | | | | | | | | | | | | | | | | | | 5 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| / -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 1.4 | 2.5 | 2.8 | 4.9 | 5.4 | 6.9 | 11.5 | 16.8 | 10.7 | 11.5 | 9.2 | 9.7 | 4.7 | 2.2 | .7 | | 720 | 720 | 720 | 720 |

| 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. | 75976 | 22144 | 30.9 | 16.413 | 720 | | | | | | | |
| Dry Bulb | 2890809 | 45057 | 62.6 | 9.950 | 720 | | 1.3 | 34.3 | 12.8 | 1.5 | | 9 |
| Wet Bulb | 1573385 | 33339 | 46.3 | 6.422 | 720 | | 3.3 | | | | | 3 |
| Dew Point | 654361 | 20421 | 28.4 | 10.225 | 720 | .1 | 62.3 | | | | | 90 |

5624 USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 44 — STATION
...665 AAF TX (EL PASO) — STATION NAME
72-79 — YEARS
NOV — MONTH

PAGE 1 — HOURS (L. S. T.) 1801-2000

| 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 |
| / 7v | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| ../ 73 | | | | | | | | | | | .1 | | .3 | | | | | 3 | 3 | | |
| / 71 | | | | | | | | | | .3 | .1 | | .6 | | | | | 7 | 7 | | |
| / 69 | | | | | | | | | | .3 | .4 | .7 | .3 | | | | | 12 | 12 | | |
| / 67 | | | | | | .3 | | .1 | .7 | .1 | .6 | .7 | .1 | | | | | 19 | 19 | | |
| 67/ 65 | | | | | .1 | | | .3 | .7 | 1.7 | 1.1 | .2 | .1 | | | | | 35 | 35 | | |
| 47/ 63 | | | | | .1 | .1 | | .4 | .4 | 1.8 | .8 | .6 | | | | | | 31 | 31 | | |
| 47/ 61 | | | | .2 | .5 | .6 | | 1.3 | .7 | 1.8 | .8 | .1 | | | | | | 47 | 47 | | |
| / 59 | | | .3 | .4 | .2 | .3 | .7 | 1.5 | 1.7 | .6 | .6 | | | | | | | 46 | 48 | 5 | |
| / 57 | | .4 | .7 | .1 | .1 | .4 | 1.3 | 1.5 | .8 | 1.1 | .1 | | | | | | | 48 | 48 | 2 | |
| 5/ 5 | .4 | .3 | 1.3 | .7 | 1.3 | 1.8 | 2.5 | 1.5 | 1.0 | .3 | | | | | | | | 79 | 79 | 16 | 5 |
| 5/ 53 | | .4 | .8 | 1.9 | 1.4 | 1.4 | 1.7 | 1.3 | 1.5 | .1 | | | | | | | | 71 | 71 | 24 | 6 |
| / 51 | | | .4 | .7 | 2.2 | 1.7 | 1.8 | 2.5 | .4 | | | | | | | | | 70 | 70 | 29 | 17 |
| / 49 | | | .8 | 1.1 | 1.3 | 1.8 | 1.5 | 1.5 | .3 | | | | | | | | | 57 | 57 | 35 | 11 |
| / 47 | | | .7 | 1.4 | .3 | 1.4 | 1.4 | .3 | .1 | | | | | | | | | 40 | 40 | 73 | 10 |
| / 45 | | .1 | .7 | 1.1 | .8 | 1.1 | .8 | .3 | | | | | | | | | | 36 | 36 | 24 | 11 |
| 47/ 43 | | | .8 | .7 | .6 | .8 | 1.3 | .3 | | | | | | | | | | 32 | 32 | 110 | 16 |
| 43/ 41 | | | .3 | .1 | .3 | 1.0 | .7 | | | | | | | | | | | 17 | 17 | 76 | 29 |
| / 39 | | .3 | .1 | .3 | .4 | .6 | .4 | | | | | | | | | | | 15 | 15 | 63 | 27 |
| 39/ 37 | | .4 | | .3 | .7 | .3 | .3 | | | | | | | | | | | 14 | 14 | 60 | 22 |
| / 35 | | .3 | | .1 | .3 | .4 | | | | | | | | | | | | 8 | 8 | 33 | 51 |
| 35/ 33 | | .1 | .4 | .4 | .4 | .1 | | | | | | | | | | | | 11 | 11 | 22 | 39 |
| 33/ 31 | | .1 | .1 | | .1 | | | | | | | | | | | | | 5 | 5 | 24 | 56 |
| / 29 | | .3 | .3 | | | | | | | | | | | | | | | 6 | 6 | 21 | 45 |
| / 27 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 14 | 47 |
| 29/ 25 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 12 | 46 |
| / 23 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 44 |
| 23/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 36 |
| / 19 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 40 |
| 19/ 17 | | | | | | | | | | | | | | | | | | | | 1 | 33 |
| 17/ 15 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 36 |
| 15/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 27 |
| 13/ 11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 18 |
| 11/ 9 | | | | | | | | | | | | | | | | | | | | 1 | 4 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

24 40 — STATION
1365 A F B (EL PASO) — STATION NAME
72-79 — YEARS
NOV — 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 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 5 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 4 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .4 | 4.2 | 1.3 | 9.4 | 10.7 | 14.2 | 14.3 | 12.5 | 7.6 | 8.1 | 4.7 | 2.9 | 1.5 | | | | | 720 | | 720 | |

| 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. | 1642886 | 31362 | 43.5 | 19.787 | 720 | | | | | | | |
| Dry Bulb | 2.84019 | 38131 | 53.0 | 9.480 | 720 | | 2.6 | 5.3 | .5 | | | 9[illegible] |
| Wet Bulb | 13091[illegible]1 | 30267 | 42.0 | 7.150 | 720 | | 10.0 | | | | | 9[illegible] |
| Dew Point | 682896 | [illegible]696 | 28.7 | 11.056 | 720 | .3 | 57.0 | | | | | 9[illegible] |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 44 — ...GE AAF TX (EL PASO) — 72-79 — NOV

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 |
| / 72 | | | | | | | | | | | | | • 2 | | | | | 2 | 2 | | |
| / 69 | | | | | | | | | | | • 1 | • 3 | • 2 | | | | | 5 | 5 | | |
| / 67 | | | | | | • 3 | | | | • 1 | • 3 | • 4 | | | | | | 8 | 8 | | |
| 67 / 65 | | | | | | | | • 4 | • 3 | • 1 | • 7 | | | | | | | 15 | 15 | | |
| 67 / 63 | | | | | • 1 | | • 4 | • 3 | • 1 | • 4 | • 4 | | | | | | | 13 | 13 | | |
| / 61 | | | | | | • 1 | • 4 | • 2 | • 6 | • 4 | • 1 | | | | | | | 17 | 17 | | |
| / 59 | | | • 4 | | • 4 | • 6 | • 1 | 1 • 5 | • 6 | • 3 | • 1 | | | | | | | 31 | 31 | | |
| / 57 | | • 1 | | 1 • 3 | • 7 | • 1 | • 3 | 1 • 5 | • 7 | • 6 | | | | | | | | 40 | 40 | 2 | |
| 57 / 55 | • 1 | • 7 | • 6 | | • 3 | 1 • 0 | 1 • 1 | 1 • 0 | • 5 | • 1 | | | | | | | | 37 | 37 | 7 | 1 |
| / 53 | • 3 | • 7 | • 7 | • 3 | • 2 | 1 • 1 | • 2 | • 6 | • 4 | | | | | | | | | 42 | 42 | 11 | 5 |
| 53 / 51 | | • 6 | • 7 | • 7 | 1 • | 1 • 1 | 1 • 1 | 1 • | | | | | | | | | | 44 | 44 | 27 | 14 |
| / 49 | | • 8 | • 3 | 1 • 2 | 2 • 2 | 2 • 2 | • | 1 • 9 | • 1 | | | | | | | | | 82 | 82 | 28 | 9 |
| / 47 | | • 6 | 2 • 5 | • 9 | 2 • 2 | 2 • 6 | 1 • 1 | • 4 | | | | | | | | | | 74 | 74 | 36 | 16 |
| / 45 | • 1 | • 4 | 1 • 7 | 2 • 2 | 1 • 6 | 2 • 5 | 1 • 1 | • 3 | | | | | | | | | | 73 | 73 | 74 | 11 |
| 47 / 43 | | 1 • 1 | • 8 | 1 • 7 | • 8 | 1 • 4 | • 8 | | | | | | | | | | | 48 | 48 | 72 | 16 |
| / 41 | | 1 • 7 | • 4 | 1 • 3 | • 7 | 1 • 4 | • 7 | • 1 | | | | | | | | | | 45 | 45 | 76 | 4 |
| / | | • 1 | 1 • 1 | • 3 | • 6 | 1 • 1 | • 1 | | | | | | | | | | | 24 | 24 | 80 | 4 |
| / 37 | • 2 | • 8 | • 8 | 1 • 0 | 1 • 3 | 1 • 7 | • 1 | | | | | | | | | | | 38 | 38 | 73 | 37 |
| / 35 | | • 1 | • 7 | 1 • 3 | 1 • 5 | • 3 | | | | | | | | | | | | 28 | 26 | 56 | 44 |
| 3 / 33 | | • 3 | • 1 | • 2 | • 6 | | | | | | | | | | | | | 13 | 13 | 37 | 38 |
| / 31 | | • 3 | • 6 | • 3 | • 6 | • 3 | | | | | | | | | | | | 14 | 14 | 37 | 55 |
| / 29 | | • 6 | • 3 | 1 • 1 | • 1 | | | | | | | | | | | | | 15 | 15 | 32 | 56 |
| / 27 | | • 4 | | • 1 | | | | | | | | | | | | | | 4 | 4 | 29 | 45 |
| / 25 | | • 1 | | | | | | | | | | | | | | | | 1 | 1 | 16 | 52 |
| / 23 | | • 7 | | | | | | | | | | | | | | | | 5 | 5 | 14 | 33 |
| 27 / 21 | | | | | | | | | | | | | | | | | | | | 2 | 31 |
| / 19 | | • 4 | | | | | | | | | | | | | | | | 3 | 3 | | 47 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 23 |
| 19 / 15 | | • 1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 30 |
| / 13 | | | | | | | | | | | | | | | | | | | | | 20 |
| 17 / 11 | | | | | | | | | | | | | | | | | | | | | 25 |
| / 9 | | | | | | | | | | | | | | | | | | | | | 8 |
| 7 | | • 4 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 |
| / 5 | | | | | | | | | | | | | | | | | | | | | 6 |

| 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-: (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...MARY

NOV
MONTH

00-2300
RS (L. S. T.)

| ...ulb | Dew Point |
|---|---|
| | |
| | |
| | |
| | |
| | |
| 2 | |
| 7 | 1 |
| 11 | 5 |
| 27 | 14 |
| 28 | 9 |
| 25 | 16 |
| 24 | 11 |
| 72 | 10 |
| 76 | 6 |
| 80 | 4 |
| 73 | 37 |
| 58 | 44 |
| 37 | 38 |
| 37 | 58 |
| 52 | 58 |
| 29 | 48 |
| 6 | 52 |
| 14 | 33 |
| 5 | 51 |
| | 47 |
| 3 | 28 |
| 1 | 30 |
| | 2 |
| | 29 |
| | 8 |
| 3 | 3 |
| | 6 |
| Total | |

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

# PSYCHROMETRIC SUMMARY

2 44 — ...66S AAF TX (EL PASO) — 72-79 — NOV

STATION — STATION NAME — YEARS — MONTH

PAGE ? — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | | | | | | | | | | | | | | | | | | | | | 2 |
| ... | | | | | | | | | | | | | | | | | | | | | 5 |
| ... -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| ... 41 | . | 11.1 | 12.6 | 14.7 | 15.7 | 17.1 | ... | 9.6 | 3.3 | 2.1 | 1.8 | .7 | .6 | | | | | | 720 | | 720 |
| | | | | | | | | | | | | | | | | | | 720 | | 720 | |

| 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. | 225,444 | 37498 | 52.1 | 20.342 | 720 | | | | | | | |
| Dry Bulb | 1683976 | 34136 | 47.4 | 9.590 | 720 | | 5.8 | 1.9 | | | | 90 |
| Wet Bulb | 1150332 | 28236 | 39.2 | 7.735 | 720 | | 17.5 | | | | | 9 |
| Dew Point | 779003 | 20657 | 28.7 | 10.959 | 720 | .7 | 57.3 | | | | | 9 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 44 — STATION
...55 AAF TX (EL PASO) — STATION NAME
73-79 — YEARS
NOV — 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 | | | | | |
| ... | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| / 81 | | | | | | | | | | | | | .0 | | .1 | .1 | | | 12 | 12 | | |
| / 79 | | | | | | | | | | | | | .1 | .1 | .2 | | | | 21 | 21 | | |
| 7 / 77 | | | | | | | | | .1 | | | .1 | .2 | .4 | .1 | .0 | | | 44 | 44 | | |
| / 75 | | | | | | | | .1 | .1 | .0 | .0 | .1 | .3 | .3 | .1 | .0 | | | 56 | 56 | | |
| / 7 | | | | | | | | .1 | .1 | .1 | .1 | .3 | .5 | .2 | .1 | | | | 70 | 70 | | |
| / 71 | | | | | | | .1 | .0 | .1 | .2 | .2 | .1 | .7 | .1 | .0 | | | | 106 | 106 | | |
| / 69 | | | | | | .1 | .0 | .2 | .2 | .4 | .7 | .6 | .4 | | | | | | 145 | 145 | | |
| / 67 | | | | | .1 | .2 | .1 | .3 | .5 | .6 | .9 | .3 | .1 | | | | | | 183 | 183 | | |
| / 65 | | | | | .1 | .2 | .1 | .4 | .5 | .7 | .9 | .4 | .0 | | | | | | 191 | 191 | | |
| / 63 | | | | .1 | .2 | .2 | .2 | .6 | .7 | .9 | .9 | .1 | | | | | | | 210 | 210 | | |
| / 61 | | | | .1 | .2 | .2 | .5 | .3 | .8 | .8 | .5 | .1 | | | | | | | 240 | 249 | 4 | |
| / 59 | | | .0 | .1 | .4 | .4 | .5 | .9 | 1.2 | .9 | .6 | .4 | | | | | | | 293 | 293 | 11 | |
| / 57 | | | .0 | .4 | .3 | .5 | .6 | .8 | 1.2 | .7 | .6 | .1 | | | | | | | 308 | 308 | 31 | |
| 5 / 55 | .1 | .5 | .6 | .2 | .6 | 1.0 | 1.1 | 1.1 | .9 | .3 | | | | | | | | | 362 | 362 | 129 | 1... |
| / 53 | .1 | .3 | .4 | .6 | .6 | 1.0 | 1.1 | .9 | .7 | .1 | | | | | | | | | 329 | 329 | 184 | 47 |
| / 51 | .1 | .2 | .5 | .5 | 1.0 | 1.1 | 1.3 | .5 | .4 | | | | | | | | | | 327 | 327 | 311 | 112 |
| / 49 | | .4 | .4 | .9 | 1.1 | 1.2 | .7 | 1.0 | .2 | | | | | | | | | | 349 | 349 | 384 | 71 |
| / 47 | .1 | .6 | 1.1 | .8 | .9 | 1.2 | .8 | .4 | .1 | | | | | | | | | | 339 | 339 | 470 | 90 |
| / 45 | .1 | .5 | 1.1 | 1.1 | 1.1 | .9 | .9 | .4 | | | | | | | | | | | 329 | 329 | 510 | 122 |
| 4 / 43 | .1 | 1.0 | .9 | 1.2 | .8 | .7 | .8 | .1 | | | | | | | | | | | 318 | 318 | 569 | 135 |
| / 41 | | 1.0 | .9 | 1.1 | .6 | .9 | .4 | | | | | | | | | | | | 278 | 278 | 541 | 192 |
| / 39 | .1 | 1.1 | 1.2 | .7 | .8 | .7 | .1 | | | | | | | | | | | | 258 | 258 | 513 | 260 |
| / 37 | .2 | .8 | 1.1 | .8 | .7 | .6 | .1 | | | | | | | | | | | | 249 | 249 | 450 | 324 |
| / 35 | .2 | .6 | .9 | .5 | .7 | .2 | | | | | | | | | | | | | 185 | 185 | 371 | 385 |
| 3 / 33 | .1 | .5 | .8 | .6 | .7 | .0 | | | | | | | | | | | | | 134 | 134 | 307 | 349 |
| / 31 | .1 | .6 | .6 | .6 | .5 | .5 | | | | | | | | | | | | | 130 | 130 | 258 | 449 |
| / 29 | .1 | .4 | .3 | .7 | .1 | | | | | | | | | | | | | | 90 | 90 | 204 | 465 |
| / 27 | .1 | .3 | .3 | .4 | .1 | | | | | | | | | | | | | | 61 | 61 | 166 | 422 |
| / 25 | | .3 | .4 | .1 | | | | | | | | | | | | | | | 50 | 50 | 117 | 367 |
| / 23 | | .2 | .1 | | | | | | | | | | | | | | | | 14 | 14 | 99 | 299 |
| 2 / 21 | | .2 | .1 | | | | | | | | | | | | | | | | 16 | 16 | 52 | 267 |
| / 19 | | .3 | .0 | | | | | | | | | | | | | | | | 19 | 9 | 27 | 318 |
| 1 / 17 | .0 | .0 | | | | | | | | | | | | | | | | | 3 | 3 | 17 | 200 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...T A
...SI TAC SERVICE /MSC

# PSYCHROMETRIC SUMMARY

2 44 — ...GS AAF [Y (EL PASO) — 72-78 — NOV

STATION — STATION NAME — YEARS — MONTH

PAGE 2 — ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 1 1 | | .1 | | | | | | | | | | | | | | | | 6 | 6 | 3 | 28? |
| - / 1 - | | . | | | | | | | | | | | | | | | | 6 | 6 | 6 | 21? |
| 1 / 11 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 1?6 |
| / - | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 79 |
| / - | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 47 |
| / | | .1 | | | | | | | | | | | | | | | | 5 | 5 | 1 | 51 |
| / | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 7 | 2? |
| / - | | | | | | | | | | | | | | | | | | | | | 1? |
| / - | | | | | | | | | | | | | | | | | | | | | 7 |
| - / - | | | | | | | | | | | | | | | | | | | | | 3 |
| / - | | | | | | | | | | | | | | | | | | | | | 4 |
| [illegible] | .1 | 1 | .3 | 11.7 | 12.0 | 11.7 | 11.1 | 9.1 | 9.4 | 7.8 | 5.1 | 4.1 | 2.7 | 2.9 | 1.1 | .5 | .1 | | 5759 | | 5759 |
| | | | | | | | | | | | | | | | | | | 5759 | | 5759 | |

| 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. | 1,267211 | 277425 | 48.2 | 22.434 | 5759 | | | | | | | |
| Dry Bulb | 15486301 | 291889 | 50.7 | 12.448 | 5759 | | 51.4 | 80.0 | 25.8 | 3.1 | | 72[illegible] |
| Wet Bulb | 7961702 | 234560 | 40.7 | 8.420 | 5759 | | 121.3 | | | | | 72[illegible] |
| Dew Point | 5413749 | 165415 | 28.7 | 10.727 | 5759 | 1.6 | 439.1 | | | | | 72[illegible] |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5027

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

# PSYCHROMETRIC SUMMARY

2 44 — STATION
...GS AF TX (EL PASO) — STATION NAME
72-79 — YEARS
DEC — MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| [illegible] | | | | | | | | | | .4 | .1 | .1 | | | | | | 1 | 1 | | |
| [illegible] | | | | | | | | | | | | | | | | | | 4 | 4 | | |
| [illegible] | | | | | | | | | .3 | | .7 | | | | | | | 9 | 9 | | |
| [illegible] | | | | | | .3 | | .1 | .4 | .1 | | | | | | | | 7 | 7 | | |
| [illegible] | | | | | | .3 | | .3 | .1 | .4 | | | | | | | | 10 | 10 | | |
| [illegible] | | | .3 | | .2 | | .3 | .3 | .3 | .1 | | | | | | | | 15 | 15 | | |
| [illegible] | | .1 | | | .3 | .5 | .3 | .3 | .8 | .1 | | | | | | | | 28 | 28 | | |
| [illegible] | | .1 | .1 | .1 | .2 | .4 | .7 | .2 | .5 | | | | | | | | | 27 | 27 | | |
| [illegible] | | | .3 | .7 | .7 | .1 | .7 | 1.1 | .1 | | | | | | | | | 27 | 27 | 4 | 3 |
| [illegible] | .1 | .3 | .5 | .9 | 1.3 | .5 | 1.6 | .7 | .4 | | | | | | | | | 52 | 52 | 9 | 2 |
| [illegible] | .1 | .3 | .4 | .1 | .2 | 1.6 | 1.2 | .5 | | | | | | | | | | 41 | 41 | 28 | 5 |
| [illegible] | | .3 | .7 | .3 | 1.1 | .6 | .7 | .2 | | | | | | | | | | 35 | 35 | 6 | 1 |
| [illegible] | .2 | .4 | .5 | 1.1 | 1.2 | 1.1 | .3 | .1 | | | | | | | | | | 37 | 37 | 36 | 8 |
| [illegible] | | .4 | .7 | 1.6 | 1.6 | 1.5 | | | | | | | | | | | | 43 | 43 | 35 | 19 |
| [illegible] | .4 | .7 | 1.5 | 1.5 | 2.4 | 1.1 | .1 | | | | | | | | | | | 57 | 57 | 47 | 28 |
| [illegible] | .1 | .9 | 2.8 | .5 | 2.9 | .8 | .1 | | | | | | | | | | | 63 | 63 | 61 | 44 |
| [illegible] | | 3.0 | 1.1 | 2.3 | 1.3 | .8 | | | | | | | | | | | | 63 | 63 | 69 | 12 |
| [illegible] | .4 | 4.0 | 1.6 | 1.7 | 1.5 | .1 | | | | | | | | | | | | 70 | 70 | 92 | 31 |
| [illegible] | .7 | 2.2 | 3.9 | 1.2 | .2 | | | | | | | | | | | | | 64 | 64 | 76 | 58 |
| [illegible] | .5 | 1.6 | 1.5 | .9 | .5 | | | | | | | | | | | | | 38 | 38 | 82 | 56 |
| [illegible] | .4 | .5 | .9 | 1.2 | .3 | | | | | | | | | | | | | 24 | 24 | 60 | 70 |
| [illegible] | .1 | .4 | | .3 | | | | | | | | | | | | | | 6 | 6 | 43 | 59 |
| [illegible] | .1 | .3 | .5 | .3 | | | | | | | | | | | | | | 9 | 9 | 22 | 47 |
| [illegible] | .4 | .5 | | .3 | | | | | | | | | | | | | | 9 | 9 | 30 | 73 |
| [illegible] | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 7 | 60 |
| [illegible] | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 2 | 41 |
| [illegible] | | | .1 | .3 | | | | | | | | | | | | | | 2 | 2 | 3 | 51 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 2 | 10 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 17 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 12 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 19 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 10 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
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A ...eATHER SE VIC /MAC

# PSYCHROMETRIC SUMMARY

2 44 — ...GS AAF TX (E, 2=50) — 72-79 — DEC

STATION — STATION NAME — YEARS — MONTH

PAGE 2 — 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 |
| - ' -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -2 | | | | | | | | | | | | | | | | | | | | | 4 |
| - / -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| - / -½ | | | | | | | | | | | | | | | | | | | | | 1 |
| - /-11 | | | | | | | | | | | | | | | | | | | | | 2 |
| -1-/-1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 0 -/1 | 3. | 16.5 | 17.6 | 15.9 | 18.4 | 10.3 | 5.9 | 5.6 | 3.8 | 1.2 | .8 | .1 | | | | | | 744 | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | |

| 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. | 2340133 | 40739 | 54.9 | 21.87 | 744 | | | | | | | |
| Dry Bulb | 1186054 | 26818 | 38.7 | 9.694 | 744 | | 28.1 | | | | | 93 |
| Wet Bulb | 811508 | 23960 | 32.2 | 7.327 | 744 | | 51.6 | | | | | 93 |
| Dew Point | 430212 | 16184 | 21.8 | 10.257 | 744 | 1.9 | 80.9 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 44 — ...GS AAF TX (EL PASO) — 72-79 — DEC

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 |
| / 9 | | | | | | | | .3 | .3 | .8 | .3 | | | | | | | 12 | 12 | | |
| / 87 | | | | | | | .1 | .4 | .2 | .1 | | | | | | | | 7 | 7 | | |
| 5 / 85 | | | | .1 | .3 | .4 | .4 | .3 | | .1 | | | | | | | | 12 | 12 | | |
| 4 / 53 | | | .4 | | .1 | .1 | | .2 | .2 | | | | | | | | | 9 | 9 | | |
| 7 / 51 | | | | .3 | .7 | .1 | .1 | .7 | .1 | | | | | | | | | 17 | 17 | 3 | |
| / 46 | | .1 | | .2 | | .3 | .5 | .3 | | | | | | | | | | 15 | 15 | 1 | 3 |
| / 47 | | .2 | .7 | .9 | .3 | .3 | .3 | .5 | | | | | | | | | | 33 | 33 | 6 | 1 |
| / 45 | .1 | .7 | .9 | .4 | .7 | 2.1 | 1.5 | .4 | | | | | | | | | | 50 | 50 | 23 | 5 |
| 4 / 45 | .1 | 1.2 | .5 | .7 | .5 | .9 | .8 | .7 | | | | | | | | | | 43 | 43 | 34 | 7 |
| / 41 | .1 | | .7 | 1.1 | 2.2 | 1.1 | .1 | | | | | | | | | | | 39 | 39 | 29 | 17 |
| / | .1 | .7 | .1 | 1.7 | 2.6 | 1.1 | .1 | | | | | | | | | | | 48 | 48 | 26 | 14 |
| / | | .3 | .2 | 1.3 | 2.2 | .7 | | | | | | | | | | | | 47 | 47 | 35 | 16 |
| / | | 1.0 | 1.0 | 1.2 | 1.6 | .5 | | | | | | | | | | | | 48 | 48 | 36 | 21 |
| 3 / 43 | .3 | 1.6 | 2.6 | 1.3 | .9 | .1 | | | | | | | | | | | | 51 | 51 | 85 | 16 |
| / 31 | .4 | 3.6 | 1.2 | 3.5 | 1.7 | .8 | | | | | | | | | | | | 85 | 85 | 72 | 32 |
| / | 1.5 | 2.2 | 1.7 | 3.0 | | .1 | | | | | | | | | | | | 63 | 63 | 94 | 37 |
| / 37 | .8 | 3.8 | 2.3 | .8 | .3 | | | | | | | | | | | | | 57 | 57 | 61 | 42 |
| / 25 | .2 | 1.2 | 1.5 | 1.1 | | | | | | | | | | | | | | 31 | 31 | 86 | 71 |
| / 21 | .5 | 1.1 | .7 | 1.1 | | | | | | | | | | | | | | 25 | 25 | 52 | 52 |
| 2 / 21 | .7 | 1.1 | .5 | .3 | | | | | | | | | | | | | | 23 | 23 | 35 | 35 |
| / 1 | .1 | .7 | .8 | .5 | | | | | | | | | | | | | | 16 | 16 | 23 | 77 |
| / 1 | | .2 | .3 | .1 | | | | | | | | | | | | | | 7 | 7 | 14 | 60 |
| 1 / 1 | .1 | | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 14 | 54 |
| / 1 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 5 | 51 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | 3 | 29 |
| 1 / | | | | | | | | | | | | | | | | | | | | 2 | 23 |
| / 7 | | | | | | | | | | | | | | | | | | | | 1 | 14 |
| / 2 | | | | | | | | | | | | | | | | | | | | | 4 |
| / 3 | | | | | | | | | | | | | | | | | | | | | 22 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 11 |
| / -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| - / -3 | | | | | | | | | | | | | | | | | | | | | 3 |
| - / - | | | | | | | | | | | | | | | | | | | | | 6 |
| - / -2 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2...44 (ISSS AAF TX (EL PASO) 72-79 DEC
STATION STATION NAME YEARS MONTH

PAGE ... 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. | | | | | | | | | | | | | | | | | | | | | | 1 |
| -1./-1. | | | | | | | | | | | | | | | | | | | | | | |
| TAL | .2 | 21.5 | 18.5 | 21.6 | 13.8 | 8.6 | 4.6 | 3.8 | .9 | 1.1 | .3 | | | | | | | | 744 | 744 | 744 | 744 |

| 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. | [illegible] | 44152 | [illegible] | 21.118 | 744 | | | | | | | |
| Dry Bulb | 1.31840 | 26784 | 36.0 | 9.640 | 744 | | 39.1 | | | | | 96 |
| Wet Bulb | 739189 | 22749 | 30.6 | 7.660 | 744 | | 58.0 | | | | | 93 |
| Dew Point | 422764 | 15986 | 21.5 | 10.324 | 744 | 2.0 | 80.5 | | | | | 97 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 44 STATION | [illegible]85 AAF TX (EL PASO) STATION NAME | 72-79 YEARS | DEC MONTH

PAGE 1 | 0600-0900 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 |
| / 21 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| / 29 | | | | | | | | | .1 | .1 | .3 | | | | | | | 4 | 4 | | |
| / 5[illegible] | | | | | | | .2 | .5 | | | | | | | | | | 6 | 6 | | |
| 6 / 35 | | | .1 | | .3 | .1 | | | .1 | .1 | | | | | | | | 6 | 6 | | |
| 47 52 | | .1 | .1 | | .4 | | .4 | .5 | .3 | | | | | | | | | 14 | 14 | | |
| / 51 | | | | .2 | .7 | .4 | .4 | .4 | | | | | | | | | | 16 | 16 | 3 | |
| [illegible] / [illegible] | | | .[illegible] | .5 | .1 | .3 | .5 | .[illegible] | | | | | | | | | | 19 | 19 | | 3 |
| / 47 | | .4 | .7 | .3 | .1 | .4 | .7 | .7 | | | | | | | | | | 28 | 28 | 2 | |
| / 4[illegible] | .1 | .[illegible] | .9 | .3 | .4 | 1.2 | .3 | .1 | | | | | | | | | | 35 | 35 | 21 | 5 |
| 47 [illegible] | | .5 | .9 | .5 | 1.5 | 1.6 | .2 | .3 | | | | | | | | | | 47 | 47 | 28 | 4 |
| / 41 | .3 | .7 | .7 | 1.1 | 1.1 | .7 | .1 | | | | | | | | | | | 34 | 34 | 24 | 12 |
| / [illegible] | .4 | .8 | 1.2 | 2.[illegible] | 2.7 | 1.2 | .5 | | | | | | | | | | | 65 | 65 | 34 | 21 |
| [illegible] / [illegible] | .1 | .4 | 1.6 | 1.3 | 1.7 | .7 | | | | | | | | | | | | 44 | 44 | 42 | 19 |
| / [illegible] | | .9 | 1.7 | 1.3 | 1.2 | .5 | | | | | | | | | | | | 43 | 43 | 49 | 17 |
| 3 / [illegible] | .1 | 2.[illegible] | 1.2 | 2.4 | 1.6 | .3 | | | | | | | | | | | | 57 | 57 | 66 | 13 |
| / [illegible] | .[illegible] | 4.2 | 2.4 | 2.6 | .[illegible] | .7 | | | | | | | | | | | | 85 | 85 | 70 | [illegible] |
| / 2 | .[illegible] | 2.7 | 2.4 | 3.1 | .9 | | | | | | | | | | | | | 74 | 74 | 90 | 49 |
| / 27 | .8 | 3.2 | 1.9 | 1.2 | .3 | | | | | | | | | | | | | 55 | 55 | 76 | 5[illegible] |
| / 25 | .5 | 2.4 | 1.2 | .8 | | | | | | | | | | | | | | 37 | 37 | 82 | 57 |
| / 23 | .7 | 1.1 | .3 | .4 | | | | | | | | | | | | | | 18 | 18 | 62 | 42 |
| [illegible] / 21 | .7 | 1.2 | .7 | .5 | | | | | | | | | | | | | | 23 | 23 | 33 | 60 |
| / 1[illegible] | .[illegible] | .8 | .3 | .7 | | | | | | | | | | | | | | 15 | 15 | 25 | 84 |
| [illegible] / 17 | .1 | .3 | .7 | .5 | | | | | | | | | | | | | | 12 | 12 | 15 | 6C |
| [illegible] / 1 | | .[illegible] | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 12 | 44 |
| [illegible] / 13 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 9 | 44 |
| 1 / 11 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | 21 |
| [illegible] / [illegible] | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | 34 |
| [illegible] / 7 | | | | | | | | | | | | | | | | | | | | 1 | 16 |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| [illegible] / 3 | | | | | | | | | | | | | | | | | | | | | 9 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 13 |
| / [illegible]3 | | | | | | | | | | | | | | | | | | | | | 3 |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | 5 |
| [illegible]3 / [illegible]2 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 44 STATION | IGGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | DEC MONTH

PAGE 2 | 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 |
| - / -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| - / -3 | | | | | | | | | | | | | | | | | | | | | - |
| - / -11 | | | | | | | | | | | | | | | | | | | | | - |
| -1 -/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| - / -17 | | | | | | | | | | | | | | | | | | | | | 1 |
| | .6 | 22.7 | 19.9 | 20.6 | 14.5 | 3.1 | 4.0 | 3.4 | .5 | .4 | .3 | | | | | | | | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_s$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 305 [illegible] | 45138 | 60.720 | 20.705 | 744 | | | | | | | |
| Dry Bulb | 99484 | 26332 | 35.4 | 9.197 | 744 | | 40.6 | | | | | 9? |
| Wet Bulb | 724223 | 22533 | 30.3 | 7.499 | 744 | | 59.4 | | | | | 9? |
| Dew Point | 92433 | 16061 | 21.6 | 10.219 | 744 | 2.3 | 81.3 | | | | | 9? |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5830

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AS FAC
WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 44 — STATION
EL PASO AAF TX (EL PASO) — STATION NAME
12-79 — 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 |
| / 4- | | | | | | | | | | | | • 1 | | | | | | 1 | 1 | | |
| / 67 | | | | | | | | | | | • 1 | • 1 | • 1 | | | | | 3 | 3 | | |
| 67 6 | | | | | | | | | | • 5 | • 4 | • 4 | • 1 | | | | | 11 | 11 | | |
| 67 63 | | | | | • 1 | | | • 3 | • 3 | • 3 | • 5 | • 1 | | | | | | 15 | 15 | | |
| 27 1 | | | | • 1 | | | • 3 | • 3 | | • 3 | • 4 | | | | | | | 14 | 14 | | |
| / 19 | | | | | | • 1 | • 3 | • 1 | • 9 | 1 • 2 | • 1 | | | | | | | 22 | 22 | | |
| / 3 | | | | • 1 | | • 9 | • 1 | • 1 | 1 • 3 | • 5 | | | | | | | | 27 | 27 | | |
| 5 / 5 | | | | • 1 | | • 0 | • 7 | 1 • 1 | • 7 | • 4 | | | | | | | | 29 | 29 | 2 | |
| / 5 | | | | • 3 | • 5 | • 5 | 1 • 1 | 1 • 7 | 1 • 1 | • 1 | | | | | | | | 40 | 40 | 1 | |
| / 5 | | | • 4 | • 7 | • 4 | • 8 | 1 • 7 | 2 • 3 | • 9 | | | | | | | | | 55 | 55 | | 1 |
| / - | | | • 7 | • 6 | • 7 | 1 • 3 | 2 • 9 | 1 • 7 | • 7 | | | | | | | | | 63 | 63 | 11 | 2 |
| / 47 | | • 1 | • 1 | • 5 | 1 • 1 | 2 • 8 | 2 • 9 | • 7 | • 3 | | | | | | | | | 63 | 63 | 29 | |
| / 4 | | • 1 | • 7 | 1 • 3 | 2 • 4 | 2 • 6 | 2 • 2 | 1 • 2 | • 1 | | | | | | | | | 80 | 80 | 31 | 9 |
| 47 5 | • 1 | • 7 | • 7 | 1 • 5 | 1 • 4 | 2 • 3 | • 9 | • 5 | | | | | | | | | | 64 | 64 | 54 | 9 |
| / 4 | • 1 | • 7 | • 8 | 1 • 9 | 1 • 6 | 1 • 3 | 1 • 7 | | | | | | | | | | | 61 | 61 | 71 | 27 |
| / | • 1 | • 8 | 1 • 3 | 2 • 2 | 1 • 7 | 1 • 5 | • 7 | | | | | | | | | | | 62 | 62 | 21 | 13 |
| / 37 | • 1 | • 7 | 1 • 6 | 1 • 2 | 1 • 2 | • 7 | • 1 | | | | | | | | | | | 42 | 42 | 110 | 40 |
| / 3 | | 1 • 1 | • 7 | 1 • 1 | • 4 | • 3 | • 4 | | | | | | | | | | | 29 | 29 | 91 | 24 |
| 3 / 33 | • 1 | • 8 | • 4 | • 7 | • 5 | • 7 | | | | | | | | | | | | 24 | 24 | 94 | 48 |
| / 31 | • 4 | • 5 | • 4 | • 3 | • 4 | • 3 | | | | | | | | | | | | 17 | 17 | 62 | 49 |
| / | • 4 | • 7 | • 5 | • 3 | • 1 | | | | | | | | | | | | | 12 | 12 | 44 | 60 |
| / 7 | • | • 1 | | | • 1 | | | | | | | | | | | | | 4 | 4 | 24 | 55 |
| / 25 | • | | | • 1 | • 1 | | | | | | | | | | | | | 5 | 5 | 18 | 69 |
| / 2 | | | • 1 | | | | | | | | | | | | | | | 1 | 1 | 10 | 61 |
| 27 1 | | | | | | | | | | | | | | | | | | | | 3 | 63 |
| / | | | | | | | | | | | | | | | | | | | | | |
| / 17 | | | | | | | | | | | | | | | | | | | | | 35 |
| 1 / 15 | | | | | | | | | | | | | | | | | | | | | 33 |
| / 13 | | | | | | | | | | | | | | | | | | | | | 22 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 24 |
| / | | | | | | | | | | | | | | | | | | | | | 32 |
| / 7 | | | | | | | | | | | | | | | | | | | | | 17 |
| / | | | | | | | | | | | | | | | | | | | | | 8 |
| / 3 | | | | | | | | | | | | | | | | | | | | | 4 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L[illegible]AL CLIMATOLOGY BRANCH
[illegible] TAC
/ [illegible]EATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2[illegible]44 STATION | [illegible]606 AAF TX (EL PASO) STATION NAME | 72-79 YEARS | DEC MONTH

PAGE 3 | 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 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 8 |
| / -1 | | | | | | | | | | | | | | | | | | | | | 4 |
| - / -2 | | | | | | | | | | | | | | | | | | | | | 2 |
| - / - | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | 2.2 | 5.9 | 8.6 | 13.2 | 13.4 | 17.1 | 15.9 | 10.1 | 6.2 | 4.4 | 2.9 | .5 | .3 | | | | | 744 | 744 | 744 | 744 |

| 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. | 1.744n7 | 34[illegible]3 | 4[illegible].8 | 20.588 | 744 | | | | | | | |
| Dry Bulb | 1636156 | 34308 | 46.1 | 8.526 | 744 | | 4.9 | .5 | | | | 93 |
| Wet Bulb | 1[illegible]3617[illegible] | 27429 | 36.9 | 5.871 | 744 | | 20.5 | | | | | 92 |
| Dew Point | 491497 | 17767 | 23.9 | 9.419 | 744 | .9 | 77.4 | | | | | 97 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

2 44 — ...GS AAF TX (EL PASO) — 72-79 — DEC

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 1200-1430 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 | | | | 1 | 1 | | |
| / 7 | | | | | | | | | | | | | | .4 | | | | 3 | 3 | | |
| / 7 | | | | | | | | | | | | .1 | .4 | .9 | | | | 6 | 6 | | |
| / 7 | | | | | | | | | | | | .2 | .3 | .1 | | | | 5 | 5 | | |
| / 6 | | | | | | | | | | | .5 | 1.1 | 1.9 | | | | | 21 | 21 | | |
| / 67 | | | | | | | | | .1 | .4 | .2 | 2.2 | .4 | | | | | 29 | 29 | | |
| 6 / | | | | | .1 | | | .1 | .3 | .7 | 2.4 | .4 | | | | | | 31 | 31 | | |
| 4 / 6 | | | | | .1 | | .4 | .4 | .2 | 2.0 | 2.8 | .5 | .1 | | | | | 54 | 54 | | |
| / | | | | .1 | .1 | .1 | .7 | .8 | 1.2 | 2.7 | 1.6 | | | | | | | 55 | 55 | | |
| / 9 | | | | .1 | .3 | .5 | .9 | .3 | 2.4 | .5 | 1.5 | | | | | | | 51 | 51 | | |
| / | | | | .1 | .1 | .5 | .5 | 2.2 | 2.4 | 2.3 | .9 | | | | | | | 66 | 66 | 2 | |
| / | | | | .1 | .3 | .7 | 1.2 | 2.3 | 1.2 | 1.3 | | | | | | | | 54 | 54 | 1 | |
| / | | | .3 | .1 | .3 | .7 | 1.9 | 1.7 | 3.2 | 1.3 | | | | | | | | 68 | 68 | 3 | 1 |
| / | | .1 | .1 | .1 | | .6 | 2.4 | 2.7 | 1.9 | .7 | | | | | | | | 66 | 66 | 17 | 2 |
| / | | .1 | .3 | .4 | .6 | 2.2 | 2.0 | 1.3 | .7 | | | | | | | | | 58 | 58 | 39 | 7 |
| / 47 | | | .8 | .2 | 1.1 | 1.2 | 1.2 | 2.2 | .1 | | | | | | | | | 55 | 55 | 53 | 2 |
| / 4 | | .7 | .5 | .3 | 1.2 | 1.2 | .9 | .7 | .3 | | | | | | | | | 43 | 43 | 90 | 7 |
| 4 / 4 | | .3 | .3 | .5 | .3 | .3 | .5 | .7 | | | | | | | | | | 25 | 25 | 113 | 11 |
| / 41 | | .7 | .5 | | .1 | .4 | .3 | .1 | | | | | | | | | | 16 | 16 | 99 | 14 |
| / | | .4 | .1 | | .1 | | .1 | | | | | | | | | | | 6 | 6 | 96 | 21 |
| / 3 | | .1 | | .5 | | | .1 | | | | | | | | | | | 2 | 2 | 103 | 24 |
| / 3 | | 1.1 | .1 | | .1 | | | | | | | | | | | | | 10 | 10 | 46 | 16 |
| 3 / 3 | | .2 | | .3 | .3 | | | | | | | | | | | | | 8 | 8 | 42 | 27 |
| / 2 | .3 | .1 | | | .1 | | | | | | | | | | | | | 4 | 4 | 21 | 45 |
| / | | | | | | | | | | | | | | | | | | | | 6 | 58 |
| / 27 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 15 | 67 |
| / 25 | | | | | | | | | | | | | | | | | | | | 1 | 57 |
| 2 / 2 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| / 21 | | | | | | | | | | | | | | | | | | | | | 61 |
| / | | | | | | | | | | | | | | | | | | | | | 57 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 49 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 13 | | | | | | | | | | | | | | | | | | | | | .8 |
| / 11 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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...FAC
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# PSYCHROMETRIC SUMMARY

2-44 (STATION) | 3606 AAF TX (EL PASO) (STATION NAME) | 72-79 (YEARS) | DEC (MONTH)

PAGE 2 | 1300-1400 (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 |
| / - | | | | | | | | | | | | | | | | | | | | | 37 |
| / 7 | | | | | | | | | | | | | | | | | | | | | 0 |
| / . | | | | | | | | | | | | | | | | | | | | | 7 |
| -/ . | | | | | | | | | | | | | | | | | | | | | 4 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 8 |
| / -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| - / -: | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | .7 | 4.2 | 3.1 | 3.6 | 6.0 | 8.4 | 13.2 | 15.2 | 14.9 | 12.1 | 10.7 | 4.6 | 2.7 | .9 | | | | | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | |

| 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. | 11/2:4" | 25:67 | 34.5 | 19.297 | 744 | | | | | | | |
| Dry Bulb | 2292077 | 40703 | 54.7 | 8.696 | 744 | | .9 | 8.1 | 1.3 | | | 93 |
| Wet Bulb | 1256121 | 30641 | 41.2 | 5.305 | 744 | | 4.9 | | | | | 93 |
| Dew Point | 499199 | 17.21 | 24.1 | 9.601 | 744 | .4 | 77.1 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5032

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2[illegible]44 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 72-79 YEARS | DEC 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 | | | | |
| [illegible] / 75 | | | | | | | | | | | | | | .1 | .3 | | | 3 | 3 | | |
| [illegible] / 73 | | | | | | | | | | | | | .6 | .3 | | | | 6 | 6 | | |
| 7[illegible] / 71 | | | | | | | | | | | .5 | .3 | .9 | | | | | 13 | 13 | | |
| 3[illegible] / 69 | | | | | | | | | | | 1.3 | 1.3 | 2.0 | .3 | | | | 37 | 37 | | |
| [illegible] / 67 | | | | | | | | | .3 | .4 | .3 | 1.7 | .1 | | | | | 21 | 21 | | |
| 6[illegible] / 65 | | | | | | | | | .5 | .4 | .8 | 2.2 | | | | | | 29 | 29 | | |
| [illegible]4 / 63 | | | | | .1 | .3 | .1 | .7 | .8 | 1.7 | 3.2 | 1.3 | .3 | | | | | 64 | 64 | | |
| [illegible] / 61 | | | | | .3 | .3 | .3 | .7 | 1.1 | 2.2 | 1.5 | .1 | | | | | | 50 | 50 | | |
| [illegible]9 / 59 | | | | .1 | .1 | | .9 | .7 | 2.4 | 2.2 | 2.2 | .1 | | | | | | 65 | 65 | | |
| [illegible] / 57 | | | .3 | | | 1.3 | 1.5 | 1.7 | 1.6 | 2.2 | .3 | | | | | | | 66 | 66 | | |
| 5[illegible] / 55 | | | .1 | .1 | .5 | .4 | .9 | 3.5 | 2.0 | 2.0 | .4 | | | | | | | 75 | 75 | 2 | |
| [illegible] / 53 | | .3 | | .3 | .1 | .8 | 1.9 | 2.4 | 2.3 | 1.5 | | | | | | | | 71 | 71 | 7 | |
| [illegible]2 / 51 | | .1 | .3 | .1 | .1 | .5 | 3.2 | 2.3 | 1.5 | | | | | | | | | 61 | 61 | 15 | 6 |
| [illegible]1 / 49 | | | .1 | .3 | .5 | .9 | 1.3 | 1.1 | 1.2 | | | | | | | | | 43 | 43 | 42 | 1 |
| [illegible] / 47 | .1 | .3 | .7 | .1 | .8 | .8 | 1.2 | .8 | .4 | | | | | | | | | 39 | 39 | 66 | 9 |
| [illegible] / 45 | | | .7 | .8 | 1.1 | 1.1 | 1.1 | 1.3 | .3 | | | | | | | | | 47 | 47 | 91 | 5 |
| [illegible]7 / 43 | | .4 | .3 | | .3 | .4 | .5 | .5 | | | | | | | | | | 18 | 18 | 109 | 7 |
| [illegible]2 / 41 | | .1 | .7 | | .1 | | .1 | .1 | | | | | | | | | | 9 | 9 | 105 | 11 |
| 4[illegible] / 39 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | 110 | 15 |
| 3[illegible] / 37 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 81 | 24 |
| [illegible]8 / 35 | | .3 | .8 | | .1 | .3 | | | | | | | | | | | | 11 | 11 | 40 | 18 |
| 3[illegible] / 33 | | .5 | | | .1 | | | | | | | | | | | | | 5 | 5 | 70 | 35 |
| [illegible] / 31 | | .1 | | .3 | | | | | | | | | | | | | | 3 | 3 | 18 | 29 |
| [illegible] / 29 | .5 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 13 | 54 |
| [illegible] / 27 | .3 | | | | | | | | | | | | | | | | | 2 | 2 | 8 | 64 |
| [illegible] / 25 | | | | | | | | | | | | | | | | | | | | 1 | 67 |
| [illegible] / 23 | | | | | | | | | | | | | | | | | | | | | 41 |
| [illegible]2 / 21 | | | | | | | | | | | | | | | | | | | | | 73 |
| [illegible] / 19 | | | | | | | | | | | | | | | | | | | | | 62 |
| [illegible] / 17 | | | | | | | | | | | | | | | | | | | | | 69 |
| [illegible] / 15 | | | | | | | | | | | | | | | | | | | | | 41 |
| [illegible] / 13 | | | | | | | | | | | | | | | | | | | | | 32 |
| [illegible] / 11 | | | | | | | | | | | | | | | | | | | | | 27 |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | 26 |

| 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 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 / 13965 AAF TX (EL PASO) / 72-79 / DEC
STATION / STATION NAME / YEARS / MONTH

PAGE 2 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 |
| 120/ 110 | | | | | | | | | | | | | | | | | | | | | 15 |
| 100/ 90 | | | | | | | | | | | | | | | | | | | | | 10 |
| 80/ 70 | | | | | | | | | | | | | | | | | | | | | 4 |
| 60/ 50 | | | | | | | | | | | | | | | | | | | | | 2 |
| 40/ 30 | | | | | | | | | | | | | | | | | | | | | 7 |
| 20/ 10 | | | | | | | | | | | | | | | | | | | | | 2 |
| 0/ -10 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .3 | 2.3 | 4.0 | 2.2 | 4.7 | 7.1 | 13.2 | 16.0 | 14.4 | 12.5 | 10.9 | 7.1 | 3.0 | .7 | .3 | | | 744 | 744 | | 744 |
| | | | | | | | | | | | | | | | | | | 744 | | 744 | |

| 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. | 1044916 | 24150 | 32.5 | 18.15 | 744 | | | | | | | |
| Dry Bulb | 2371407 | 41517 | 55.8 | 8.577 | 744 | | 1.3 | 9.9 | 1.0 | | | 93 |
| Wet Bulb | 1308365 | 30955 | 41.6 | 5.246 | 744 | | 5.0 | | | | | 93 |
| Dew Point | 480147 | 17439 | 23.4 | 9.802 | 744 | 1.4 | 77.1 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5033

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 | BIGGS AAF TX (EL PASO) | 72-79 | DEC
STATION | STATION NAME | YEARS | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / / 69 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| / / 67 | | | | | | | | | | | .1 | .4 | | | | | | 4 | 4 | | |
| / / 65 | | | | | | | .1 | | | .4 | 1.3 | .4 | .3 | | | | | 19 | 19 | | |
| / / 63 | | | | | | .3 | | .4 | .3 | .4 | .7 | .4 | | | | | | 18 | 18 | | |
| / / 61 | | | | | | | | .3 | .5 | .1 | 1.1 | | | | | | | 15 | 15 | | |
| / / 59 | | | | | | | .3 | .5 | .8 | 1.2 | .8 | | | | | | | 27 | 27 | | |
| / / 57 | | | | .3 | | .5 | .3 | .7 | .8 | 1.6 | .3 | | | | | | | 33 | 33 | | |
| / / 55 | | | | .3 | .1 | .5 | .1 | .9 | 1.7 | .7 | | | | | | | | 35 | 35 | 2 | |
| / / 53 | | | | .4 | .9 | 1.1 | 1.1 | 1.6 | 1.2 | .4 | | | | | | | | 50 | 50 | 1 | |
| / / 51 | | .1 | | .3 | 1.1 | 1.1 | 1.5 | 1.3 | 1.2 | .3 | | | | | | | | 51 | 51 | 3 | 1 |
| / / 49 | | .1 | .3 | .7 | .9 | 1.6 | 1.2 | 2.7 | .7 | | | | | | | | | 61 | 61 | 11 | 3 |
| / / 47 | .3 | .5 | .4 | .3 | .9 | 1.5 | 3.2 | .8 | .1 | | | | | | | | | 58 | 58 | 27 | 4 |
| / / 45 | | .1 | .1 | .4 | 2.8 | 2.8 | 2.3 | 1.1 | | | | | | | | | | 72 | 72 | 48 | 8 |
| / / 43 | | .4 | .5 | 2.3 | 2.4 | 2.0 | 1.1 | .5 | | | | | | | | | | 69 | 69 | 51 | 2 |
| / / 41 | | .5 | .7 | 2.8 | .9 | 1.7 | .7 | .3 | | | | | | | | | | 57 | 57 | 66 | 8 |
| / / 39 | | .8 | .8 | .9 | 1.5 | 1.1 | 1.1 | | | | | | | | | | | 46 | 46 | 91 | 16 |
| / / 37 | | .1 | .9 | 1.5 | 1.5 | 1.1 | .7 | | | | | | | | | | | 43 | 43 | 101 | 27 |
| / / 35 | .1 | .5 | 1.1 | .5 | 1.2 | .8 | .3 | | | | | | | | | | | 34 | 34 | 106 | 19 |
| 34/ 33 | | .8 | .5 | .4 | .4 | .8 | | | | | | | | | | | | 22 | 22 | 66 | 28 |
| / / 31 | .3 | .4 | .3 | .7 | .3 | | | | | | | | | | | | | 14 | 14 | 63 | 49 |
| 30/ 29 | .4 | | .4 | .1 | | | | | | | | | | | | | | 7 | 7 | 45 | 53 |
| / / 27 | .4 | | .1 | | .3 | | | | | | | | | | | | | 6 | 6 | 31 | 68 |
| / / 25 | | | | | | | | | | | | | | | | | | | | 14 | 61 |
| / / 23 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 13 | 38 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 56 |
| / / 19 | | | | | | | | | | | | | | | | | | | | | 54 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 53 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 46 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 42 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 26 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 21 |
| / / 7 | | | | | | | | | | | | | | | | | | | | | 19 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 10 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 044 STATION | 23GS /AF TX (EL PASO) STATION NAME | 72-79 YEARS | DEC 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 |
| / 1 / -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| -./ -3 -./ -4 | | | | | | | | | | | | | | | | | | | | | 4 3 |
| TOTAL | 1.6 | 4.6 | 6.2 | 12.1 | 15.3 | 17.0 | 13.6 | 11.2 | 7.4 | 5.1 | 4.3 | 1.3 | .3 | | | | | 743 | 743 | 743 | 743 |

| 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. | 1.66619 | 31919 | 43.0 | 19.052 | 743 | | | | | | | |
| Dry Bulb | 1707081 | 35011 | 47.1 | 8.789 | 743 | | 3.5 | .6 | | | | 93 |
| Wet Bulb | 1050372 | 27576 | 37.1 | 6.022 | 743 | | 21.0 | | | | | 93 |
| Dew Point | 469423 | 17179 | 23.1 | 9.866 | 743 | 1.6 | 78.5 | | | | | 93 |

5234

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | PIGGS AAF IX (EL PASO) STATION NAME | 72-79 YEARS | DEC 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 |
| / 67 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 6/ 65 | | | | | | | | | | | .3 | .4 | | | | | | 5 | 5 | | |
| 4/ 63 | | | | | | | | .1 | .1 | .1 | .1 | .3 | | | | | | 6 | 6 | | |
| 2/ 61 | | | | | | | .1 | | .1 | .4 | .8 | | | | | | | 18 | 18 | | |
| 0/ 59 | | | | | | .1 | .1 | .1 | .7 | .4 | .3 | .1 | | | | | | 14 | 14 | | |
| 58/ 57 | | | | .1 | .1 | .5 | .7 | .8 | .5 | .9 | .1 | | | | | | | 26 | 26 | | |
| 56/ 55 | | | .3 | | .5 | .3 | .8 | .5 | .4 | .7 | | | | | | | | 26 | 26 | | |
| 4/ 53 | | | | .4 | .4 | .3 | .4 | .4 | .9 | .1 | | | | | | | | 22 | 22 | | |
| 52/ 51 | | | .1 | .7 | 1.2 | .9 | 1.2 | 1.6 | 1.2 | .3 | | | | | | | | 54 | 54 | 3 | |
| 50/ 49 | .1 | .4 | | .9 | .9 | 1.1 | .4 | .9 | .1 | | | | | | | | | 37 | 37 | 7 | 3 |
| 48/ 47 | | .4 | .1 | .7 | .8 | .9 | 2.0 | 1.2 | .3 | | | | | | | | | 48 | 48 | 19 | 4 |
| 46/ 45 | | .1 | .5 | .3 | .9 | 1.9 | 1.1 | .4 | | | | | | | | | | 39 | 39 | 41 | 4 |
| 44/ 43 | | .1 | .4 | .7 | 1.7 | 1.6 | .7 | .1 | | | | | | | | | | 40 | 40 | 43 | 4 |
| 2/ 41 | | .7 | .9 | 1.7 | 1.3 | 2.3 | .7 | | | | | | | | | | | 57 | 57 | 41 | 13 |
| 0/ 39 | | 1.1 | .5 | 1.3 | 2.6 | 1.6 | .5 | | | | | | | | | | | 57 | 57 | 52 | 16 |
| 38/ 37 | | .5 | 3.0 | 2.0 | 2.3 | 1.1 | | | | | | | | | | | | 66 | 66 | 67 | 26 |
| 6/ 35 | | .9 | 2.6 | .9 | 2.3 | 1.3 | | | | | | | | | | | | 60 | 60 | 76 | 17 |
| 34/ 33 | | 2.4 | 2.2 | 1.3 | .9 | 1.1 | | | | | | | | | | | | 59 | 59 | 92 | 15 |
| 32/ 31 | .3 | .8 | 2.2 | 1.3 | .7 | .5 | | | | | | | | | | | | 43 | 43 | 88 | 40 |
| 30/ 29 | .7 | .4 | 1.1 | .9 | 1.5 | | | | | | | | | | | | | 34 | 34 | 69 | 66 |
| 28/ 27 | .3 | .5 | .5 | .7 | | | | | | | | | | | | | | 15 | 15 | 61 | 77 |
| 26/ 25 | .3 | .4 | .1 | .1 | .4 | | | | | | | | | | | | | 10 | 10 | 29 | 61 |
| 4/ 23 | .1 | | .1 | | | | | | | | | | | | | | | 2 | 2 | 31 | 30 |
| 22/ 21 | .1 | | | | .1 | | | | | | | | | | | | | 2 | 2 | 16 | 45 |
| 7/ 19 | | | | .4 | | | | | | | | | | | | | | 3 | 3 | 2 | 73 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 3 | 60 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 58 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 4 | 43 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 25 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 11 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 21 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 17 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 7 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 5 |

| 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 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2[illegible]44 STATION | 23[illegible] AAF TX (EL PASO) STATION NAME | 72-79 YEARS | DEC MONTH

PAGE 2 | 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 |
| [illegible] / -1 | | | | | | | | | | | | | | | | | | | | 4 |
| -[illegible] / -3 | | | | | | | | | | | | | | | | | | | | 4 |
| -4 / -5 | | | | | | | | | | | | | | | | | | | | 2 |
| -6 / -7 | | | | | | | | | | | | | | | | | | | | 1 |
| -8 / -9 | | | | | | | | | | | | | | | | | | | | 1 |
| -10 / -11 | | | | | | | | | | | | | | | | | | | | 1 |
| -12 / -13 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.2 | 8.9 | 14.7 | 14.7 | 18.8 | 15.6 | 9.3 | 6.3 | 5.4 | 3.0 | 1.6 | .8 | | | | | | | 744 | 744 |
| | | | | | | | | | | | | | | | | | 744 | | 744 | |

| 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. | 2150262 | 36884 | 49.6 | 20.809 | 744 | | | | | | | |
| Dry Bulb | 1408987 | 31591 | 42.5 | 9.539 | 744 | | 13.6 | .1 | | | | 93 |
| Wet Bulb | 918845 | 25641 | 34.5 | 6.879 | 744 | | 37.9 | | | | | 93 |
| Dew Point | 454466 | 16830 | 22.6 | 9.963 | 744 | 1.6 | 80.4 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL-A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5035

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 — STATION
KIGS AAF TX (EL PASO) — STATION NAME
72-79 — YEARS
DEC — 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 | | | | | |
| / 79 | | | | | | | | | | | | | | .2 | | | | | 1 | 1 | | |
| 76/ 75 | | | | | | | | | | | | | | .1 | .0 | | | | 6 | 6 | | |
| 74/ 73 | | | | | | | | | | | | .0 | .1 | .1 | | | | | 11 | 11 | | |
| / 71 | | | | | | | | | | | .1 | .1 | .2 | .2 | | | | | 18 | 18 | | |
| 72/ 69 | | | | | | | | | | | .2 | .3 | .4 | .0 | | | | | 60 | 60 | | |
| / 67 | | | | | | | | | .1 | .1 | .2 | .4 | .1 | | | | | | 58 | 58 | | |
| 67 65 | | | | | .0 | | .0 | .0 | .1 | .3 | .7 | .5 | .1 | | | | | | 96 | 96 | | |
| 64/ 63 | | | | | .1 | .1 | .1 | .2 | .3 | .6 | 1.0 | .7 | .1 | | | | | | 161 | 161 | | |
| 2/ 61 | | | | .0 | .1 | .1 | .2 | .3 | .6 | .8 | .8 | .0 | | | | | | | 162 | 162 | | |
| / 59 | | | | .0 | .1 | .1 | .3 | .3 | 1.0 | .9 | .7 | .1 | | | | | | | 202 | 202 | | |
| / 57 | | | .0 | .1 | .0 | .5 | .4 | .9 | .9 | 1.0 | .2 | | | | | | | | 241 | 241 | 2 | |
| 56/ 55 | | | .1 | .1 | .3 | .4 | .6 | 1.1 | .0 | .7 | .1 | | | | | | | | 252 | 252 | 7 | |
| 54/ 53 | | .1 | .1 | .2 | .5 | .5 | .9 | 1.2 | 1.3 | .5 | | | | | | | | | 302 | 302 | 17 | 1 |
| / 51 | | .1 | .1 | .4 | .6 | .6 | 1.4 | 1.5 | .9 | .2 | | | | | | | | | 347 | 347 | 43 | 10 |
| / 49 | .1 | .1 | .2 | .6 | .6 | 1.0 | 1.2 | 1.2 | .4 | | | | | | | | | | 323 | 323 | 115 | 21 |
| / 47 | .1 | .4 | .5 | .6 | .9 | 1.1 | 1.7 | .9 | .2 | | | | | | | | | | 376 | 376 | 211 | 18 |
| / 45 | .1 | .4 | .7 | .6 | 1.3 | 1.8 | 1.3 | .7 | .1 | | | | | | | | | | 407 | 407 | 373 | 44 |
| 44/ 43 | .2 | .5 | .5 | .8 | 1.3 | 1.3 | .8 | .5 | | | | | | | | | | | 341 | 341 | 467 | 45 |
| 2/ 41 | .1 | .5 | .7 | 1.2 | 1.1 | 1.1 | .5 | .1 | | | | | | | | | | | 310 | 310 | 471 | 102 |
| 40/ 39 | .1 | .6 | .6 | 1.2 | 1.6 | 1.0 | .4 | .0 | | | | | | | | | | | 328 | 328 | 537 | 135 |
| 3 / 37 | .1 | .4 | 1.3 | 1.2 | 1.4 | .7 | .1 | | | | | | | | | | | | 306 | 306 | 586 | 186 |
| 3 / 35 | .1 | .9 | 1.4 | .7 | 1.2 | .6 | .1 | | | | | | | | | | | | 298 | 298 | 510 | 160 |
| 34/ 33 | .1 | 1.5 | 1.0 | 1.1 | .8 | .5 | | | | | | | | | | | | | 289 | 289 | 546 | 175 |
| 32/ 31 | .3 | 1.7 | 1.0 | 1.3 | .7 | .3 | | | | | | | | | | | | | 321 | 321 | 486 | 310 |
| 30/ 2- | .6 | 1.0 | 1.2 | 1.1 | .4 | .0 | | | | | | | | | | | | | 259 | 259 | 439 | 435 |
| 2 / 27 | .5 | 1.2 | .8 | .5 | .2 | | | | | | | | | | | | | | 180 | 180 | 353 | 495 |
| / 25 | .2 | .6 | .5 | .4 | .1 | | | | | | | | | | | | | | 107 | 107 | 293 | 513 |
| 24/ 23 | .2 | .3 | .2 | .2 | | | | | | | | | | | | | | | 53 | 53 | 212 | 356 |
| 22/ 21 | .2 | .3 | .2 | .2 | .0 | | | | | | | | | | | | | | 57 | 57 | 109 | 464 |
| 20/ 19 | .1 | .3 | .1 | .2 | | | | | | | | | | | | | | | 43 | 43 | 75 | 569 |
| 18/ 17 | .0 | .1 | .1 | .1 | | | | | | | | | | | | | | | 21 | 21 | 34 | 426 |
| 16/ 15 | .0 | .0 | .1 | .1 | | | | | | | | | | | | | | | 8 | 8 | 28 | 346 |
| 14/ 13 | | | .1 | .0 | | | | | | | | | | | | | | | 5 | 5 | 21 | 323 |
| 12/ 11 | | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 203 |

| Element (X) | $\Sigma X^1$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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 AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2 ..44 (STATION) DIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (YEARS) DEC (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 | | | | | |
| 1 / 9 | | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 194 |
| / 7 | | | | | | | | | | | | | | | | | | | | | | 121 |
| / 5 | | | | | | | | | | | | | | | | | | | | | 1 | 7 |
| / 3 | | | | | | | | | | | | | | | | | | | | | | 75 |
| / 1 | | | | | | | | | | | | | | | | | | | | | | 60 |
| / -1 | | | | | | | | | | | | | | | | | | | | | | 31 |
| - / -3 | | | | | | | | | | | | | | | | | | | | | | 22 |
| -3/ -5 | | | | | | | | | | | | | | | | | | | | | | 20 |
| -5/ -7 | | | | | | | | | | | | | | | | | | | | | | 7 |
| -7/ -9 | | | | | | | | | | | | | | | | | | | | | | 5 |
| -9/-11 | | | | | | | | | | | | | | | | | | | | | | 5 |
| -11/-13 | | | | | | | | | | | | | | | | | | | | | | 2 |
| -13/-15 | | | | | | | | | | | | | | | | | | | | | | 4 |
| -15/-17 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TAL | 2.7 | 10.8 | 11.6 | 13.0 | 13.1 | 11.5 | 9.8 | 8.9 | 6.7 | 5.0 | 3.0 | 1.9 | .9 | .2 | .0 | | | | 5951 | 5951 | 5951 | 5951 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 57 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1648134 | 282704 | 47.5 | 22.671 | 5951 | | | | | | | |
| Dry Bulb | 1261921.6 | 265064 | 44.5 | 11.689 | 5951 | | 172.0 | 19.3 | 2.3 | | | 744 |
| Wet Bulb | 787489? | 211515 | 35.5 | 7.746 | 5951 | | 258.3 | | | | | 744 |
| Dew Point | 367141 | 135369 | 22.7 | 9.978 | 5951 | 12.1 | 633.1 | | | | | 744 |

5036 USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | 23GS AAF TX (EL PASO) STATION NAME | 72-80 YEARS | ALL MONTH



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 112/111 | | | | | | | | | | | | | | | | | .0 | | 1 | 1 | | |
| 110/109 | | | | | | | | | | | | | | | | | .0 | | 14 | 14 | | |
| 108/107 | | | | | | | | | | | | | | | | | .1 | | 53 | 53 | | |
| 106/105 | | | | | | | | | | | | | | | | | .1 | | 98 | 98 | | |
| 104/103 | | | | | | | | | | | | | | | | | .2 | | 151 | 151 | | |
| 102/101 | | | | | | | | | | | | | | | | .0 | .4 | | 265 | 269 | | |
| 100/ 99 | | | | | | | | | | | | | | | .0 | .0 | .8 | | 440 | 440 | | |
| 98/ 97 | | | | | | | | | | | | | | .0 | .5 | .1 | .8 | | 636 | 636 | | |
| 96/ 95 | | | | | | | | | | | | | .0 | .0 | .2 | .3 | .8 | | 977 | 977 | | |
| 94/ 93 | | | | | | | | | | | | .0 | .1 | .2 | .3 | .3 | .7 | | 1109 | 1109 | | |
| 92/ 91 | | | | | | | | | | .0 | .0 | .1 | .2 | .3 | .3 | .2 | .6 | | 1182 | 1182 | | |
| 90/ 89 | | | | | | | | | | .0 | .1 | .2 | .3 | .3 | .4 | .4 | 1.4 | | 1440 | 1440 | | |
| 88/ 87 | | | | | | | | | .0 | .1 | .3 | .3 | .3 | .2 | .2 | .3 | .3 | | 1471 | 1471 | | |
| 86/ 85 | | | | | | | .1 | .0 | .1 | .2 | .2 | .4 | .2 | .2 | .3 | .3 | .2 | | 1619 | 1619 | | |
| 84/ 83 | | | | | | | .0 | .1 | .2 | .3 | .4 | .3 | .2 | .3 | .4 | .2 | .2 | | 1795 | 1796 | | |
| 82/ 81 | | | .0 | | | .0 | .1 | .2 | .3 | .4 | .4 | .3 | .3 | .3 | .4 | .2 | .1 | | 2109 | 2109 | | |
| 80/ 79 | | | | | .0 | .0 | .2 | .4 | .4 | .4 | .3 | .3 | .3 | .5 | .3 | .2 | .2 | | 2301 | 2301 | 1 | |
| 78/ 77 | | | | .0 | .0 | .1 | .3 | .4 | .5 | .4 | .2 | .3 | .3 | .4 | .2 | .1 | .0 | | 2270 | 2270 | | 1 |
| 76/ 75 | | | .0 | .0 | .1 | .4 | .4 | .5 | .4 | .2 | .3 | .4 | .4 | .4 | .2 | .0 | | | 2583 | 2583 | 1 | |
| 74/ 73 | | .0 | .0 | .1 | .3 | .4 | .5 | .3 | .2 | .2 | .3 | .4 | .5 | .3 | .1 | .0 | | | 2637 | 2637 | 7 | |
| 72/ 71 | | .0 | .1 | .2 | .6 | .4 | .3 | .3 | .2 | .3 | .3 | .4 | .5 | .2 | .0 | | | | 2783 | 2784 | 128 | 4 |
| 70/ 69 | .0 | .1 | .3 | .5 | .4 | .4 | .3 | .2 | .3 | .4 | .4 | .5 | .5 | .1 | .0 | | | | 3049 | 3049 | 837 | 33 |
| 68/ 67 | .0 | .2 | .4 | .4 | .3 | .3 | .2 | .2 | .3 | .3 | .5 | .6 | .2 | .0 | | | | | 2708 | 2708 | 2356 | 157 |
| 66/ 65 | .0 | .2 | .3 | .2 | .3 | .2 | .2 | .3 | .3 | .4 | .6 | .5 | .1 | .0 | | | | | 2593 | 2595 | 4059 | 408 |
| 64/ 63 | .0 | .2 | .3 | .2 | .2 | .2 | .3 | .3 | .4 | .5 | .6 | .2 | .0 | | | | | | 2421 | 2421 | 4634 | 922 |
| 62/ 61 | .1 | .2 | .2 | .2 | .2 | .2 | .3 | .4 | .6 | .6 | .5 | .1 | .0 | | | | | | 2376 | 2376 | 4254 | 1406 |
| 60/ 59 | .0 | .2 | .2 | .2 | .2 | .3 | .4 | .5 | .7 | .6 | .3 | .0 | | | | | | | 2533 | 2533 | 3419 | 1974 |
| 58/ 57 | .0 | .3 | .2 | .2 | .3 | .4 | .4 | .7 | .6 | .5 | .1 | .0 | | | | | | | 2462 | 2462 | 3094 | 2215 |
| 56/ 55 | .0 | .3 | .2 | .2 | .2 | .4 | .5 | .7 | .6 | .3 | .0 | | | | | | | | 2547 | 2548 | 3133 | 2446 |
| 54/ 53 | .0 | .2 | .2 | .2 | .3 | .5 | .6 | .7 | .5 | .2 | .0 | | | | | | | | 2444 | 2444 | 3181 | 2520 |
| 52/ 51 | .0 | .2 | .2 | .2 | .4 | .6 | .7 | .6 | .3 | .1 | | | | | | | | | 2440 | 2440 | 3300 | 2467 |
| 50/ 49 | .0 | .2 | .2 | .4 | .5 | .6 | .6 | .5 | .2 | .0 | | | | | | | | | 2332 | 2332 | 3392 | 2400 |
| 48/ 47 | .1 | .2 | .3 | .3 | .5 | .6 | .6 | .3 | .1 | | | | | | | | | | 2180 | 2186 | 3562 | 2147 |
| 46/ 45 | .1 | .2 | .3 | .4 | .6 | .7 | .5 | .2 | .0 | | | | | | | | | | 2122 | 2122 | 3855 | 2307 |

| 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23044 STATION | BIGGS AAF TX (EL PASO) STATION NAME | 72-80 YEARS | ALL MONTH

 ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| ≥ 47 | .0 | .3 | .3 | .5 | .6 | .5 | .3 | .1 | | | | | | | | | | 1811 | 1811 | 3909 | 1996 |
| 42 / 43 | .0 | .3 | .4 | .5 | .5 | .4 | .2 | .0 | | | | | | | | | | 1643 | 1643 | 3714 | 2140 |
| 40 / 41 | .0 | .3 | .4 | .5 | .5 | .3 | .1 | .0 | | | | | | | | | | 1599 | 1599 | 3543 | 2392 |
| 36 / 37 | .1 | .3 | .5 | .4 | .4 | .3 | .1 | | | | | | | | | | | 1403 | 1403 | 3230 | 2752 |
| 34 / 35 | .1 | .4 | .5 | .4 | .4 | .2 | .0 | | | | | | | | | | | 1279 | 1279 | 2703 | 2924 |
| 32 / 33 | .0 | .4 | .3 | .4 | .2 | .1 | .0 | | | | | | | | | | | 1065 | 1065 | 2464 | 2925 |
| 30 / 31 | .1 | .5 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | | | 1039 | 1039 | 1954 | 3940 |
| 28 / 29 | .1 | .3 | .3 | .3 | .1 | .0 | | | | | | | | | | | | 725 | 725 | 1564 | 3631 |
| 26 / 27 | .1 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | | | | 490 | 490 | 1245 | 3744 |
| 24 / 25 | .1 | .2 | .2 | .1 | .0 | | | | | | | | | | | | | 337 | 337 | 904 | 3568 |
| 22 / 23 | .1 | .1 | .1 | .0 | .0 | | | | | | | | | | | | | 192 | 192 | 619 | 2700 |
| 20 / 21 | .0 | .1 | .0 | .0 | .0 | | | | | | | | | | | | | 145 | 145 | 332 | 3117 |
| 18 / 19 | .0 | .1 | .0 | .0 | | | | | | | | | | | | | | 110 | 110 | 219 | 3345 |
| 16 / 17 | .0 | .0 | .0 | .0 | | | | | | | | | | | | | | 36 | 36 | 96 | 2397 |
| 14 / 15 | .0 | .0 | .0 | .0 | | | | | | | | | | | | | | 23 | 23 | 51 | 1899 |
| 12 / 13 | | .0 | .0 | .0 | | | | | | | | | | | | | | 12 | 12 | 37 | 1547 |
| 10 / 11 | | .0 | .0 | | | | | | | | | | | | | | | 4 | 4 | 15 | 1109 |
| 8 / 9 | | .0 | .0 | | | | | | | | | | | | | | | 3 | 3 | 11 | 886 |
| 6 / 7 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | 9 | 548 |
| 4 / 5 | | .0 | | | | | | | | | | | | | | | | 5 | 5 | 2 | 341 |
| 2 / 3 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | 7 | 263 |
| 0 / 1 | | | | | | | | | | | | | | | | | | | | | 211 |
| -2 / -1 | | | | | | | | | | | | | | | | | | | | | 123 |
| -4 / -3 | | | | | | | | | | | | | | | | | | | | | 71 |
| -6 / -5 | | | | | | | | | | | | | | | | | | | | | 59 |
| -8 / -7 | | | | | | | | | | | | | | | | | | | | | 18 |
| -10 / -9 | | | | | | | | | | | | | | | | | | | | | 10 |
| -12 / -11 | | | | | | | | | | | | | | | | | | | | | 0 |
| -14 / -13 | | | | | | | | | | | | | | | | | | | | | 2 |
| -16 / -15 | | | | | | | | | | | | | | | | | | | | | 0 |
| -18 / -17 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.0 | 6.1 | 7.2 | 7.9 | 8.4 | 9.6 | 8.1 | 8.2 | 7.3 | 6.4 | 5.0 | 5.2 | 4.4 | 3.9 | 3.4 | 2.7 | 5.6 | | 70083 | | 70078 |
| | | | | | | | | | | | | | | | | | | 70078 | | 70078 | |

| 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. | 158481252 | 2916252 | 41.6 | 23.016 | 70078 | | | | | | | |
| Dry Bulb | 304182324 | 4437894 | 63.3 | 18.179 | 70083 | | 390.4 | 3964.8 | 2896.9 | 1830.0 | 469.0 | 8760 |
| Wet Bulb | 178166252 | 3428468 | 48.9 | 12.202 | 70079 | | 887.4 | 416.0 | 1.2 | | | 8760 |
| Dew Point | 102985312 | 2462004 | 35.2 | 15.109 | 70078 | 36.9 | 4190.2 | 24.4 | .1 | | | 8760 |

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5037

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-80 (YEARS)

| HRS (L S T) | | JAN | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 38.4 | 42.1 | 49.1 | 56.0 | 64.6 | 74.6 | 74.8 | 72.9 | 66.5 | 55.7 | 44.3 | 38.7 | 56.5 |
| | S D | 8.145 | 9.033 | 8.929 | 9.690 | 8.348 | 7.907 | 5.754 | 5.503 | 7.067 | 7.590 | 9.619 | 9.694 | 15.718 |
| | TOTAL OBS | 743 | 678 | 744 | 719 | 744 | 720 | 744 | 743 | 720 | 742 | 720 | 744 | 8761 |
| 03-05 | MEAN | 36.3 | 39.1 | 45.3 | 51.3 | 60.0 | 68.7 | 71.3 | 69.5 | 63.4 | 52.5 | 41.2 | 36.0 | 52.9 |
| | S. D | 8.633 | 9.357 | 9.031 | 9.551 | 8.195 | 7.094 | 4.997 | 4.893 | 6.722 | 7.524 | 9.543 | 9.540 | 15.150 |
| | TOTAL OBS | 744 | 677 | 744 | 720 | 744 | 718 | 744 | 744 | 719 | 743 | 720 | 744 | 8761 |
| 06-08 | MEAN | 35.3 | 38.3 | 45.2 | 53.2 | 63.8 | 73.4 | 74.2 | 71.6 | 64.8 | 53.9 | 41.7 | 35.4 | 54.3 |
| | S. D. | 8.286 | 9.060 | 8.615 | 9.490 | 8.006 | 7.229 | 5.752 | 5.273 | 7.083 | 7.954 | 9.432 | 9.197 | 16.468 |
| | TOTAL OBS | 744 | 678 | 744 | 720 | 744 | 719 | 744 | 744 | 719 | 742 | 720 | 744 | 8762 |
| 09-11 | MEAN | 44.1 | 49.1 | 57.0 | 66.0 | 75.0 | 86.0 | 84.5 | 82.3 | 75.8 | 67.1 | 53.6 | 46.1 | 65.6 |
| | S D | 7.922 | 8.229 | 8.344 | 9.189 | 7.851 | 7.296 | 6.597 | 5.863 | 8.129 | 8.636 | 9.397 | 8.526 | 16.736 |
| | TOTAL OBS | 744 | 678 | 743 | 719 | 744 | 720 | 744 | 744 | 720 | 741 | 719 | 744 | 8760 |
| 12-14 | MEAN | 52.0 | 57.8 | 65.3 | 73.9 | 82.5 | 93.8 | 91.3 | 89.5 | 82.9 | 75.1 | 61.7 | 54.7 | 73.4 |
| | S D | 8.344 | 9.199 | 8.695 | 9.294 | 7.867 | 6.951 | 7.015 | 6.582 | 9.296 | 9.470 | 10.000 | 8.696 | 16.572 |
| | TOTAL OBS | 743 | 677 | 744 | 720 | 743 | 717 | 744 | 744 | 720 | 741 | 720 | 744 | 8757 |
| 15-17 | MEAN | 54.2 | 60.4 | 67.5 | 76.1 | 84.2 | 95.8 | 92.5 | 90.6 | 84.0 | 76.0 | 62.6 | 55.8 | 75.0 |
| | S D. | 8.489 | 9.598 | 8.746 | 9.311 | 8.018 | 7.059 | 8.171 | 7.091 | 9.336 | 9.627 | 9.950 | 8.577 | 16.552 |
| | TOTAL OBS | 743 | 678 | 744 | 720 | 744 | 719 | 744 | 743 | 720 | 744 | 720 | 744 | 8763 |
| 18-20 | MEAN | 46.7 | 53.0 | 60.8 | 69.4 | 78.0 | 89.9 | 87.0 | 84.1 | 76.7 | 66.2 | 53.0 | 47.1 | 67.7 |
| | S D | 7.946 | 9.063 | 9.020 | 9.739 | 8.764 | 8.202 | 8.632 | 7.215 | 8.651 | 8.539 | 9.480 | 8.789 | 17.276 |
| | TOTAL OBS | 744 | 677 | 744 | 719 | 744 | 720 | 744 | 741 | 719 | 743 | 720 | 743 | 8758 |
| 21-23 | MEAN | 41.8 | 46.6 | 53.8 | 61.3 | 70.0 | 80.8 | 79.7 | 77.5 | 70.3 | 59.6 | 47.4 | 42.5 | 61.0 |
| | S D | 8.163 | 9.039 | 8.794 | 9.594 | 8.157 | 8.014 | 6.789 | 5.739 | 7.458 | 7.849 | 9.590 | 9.539 | 16.263 |
| | TOTAL OBS | 744 | 678 | 744 | 720 | 743 | 719 | 744 | 741 | 720 | 744 | 720 | 744 | 8761 |
| ALL HOURS | MEAN | 43.6 | 48.3 | 55.5 | 63.4 | 72.3 | 82.9 | 81.9 | 79.7 | 73.1 | 63.3 | 50.7 | 44.5 | 63.3 |
| | S D | 10.538 | 11.966 | 11.927 | 12.954 | 11.743 | 12.038 | 10.203 | 9.730 | 10.987 | 12.082 | 12.448 | 11.689 | 18.179 |
| | TOTAL OBS | 5949 | 5421 | 5951 | 5757 | 5950 | 5752 | 5952 | 5944 | 5757 | 5940 | 5759 | 5951 | 70083 |

USAFETAC FORM JUL 64 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-80 (YEARS)

| HRS (L S T) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 33.4 | 35.0 | 37.8 | 42.1 | 49.0 | 55.7 | 62.7 | 61.4 | 57.9 | 47.9 | 37.6 | 32.2 | 46.1 |
| | S D | 6.659 | 7.193 | 6.122 | 6.556 | 5.468 | 5.039 | 3.014 | 3.428 | 5.596 | 6.722 | 7.955 | 7.327 | 12.371 |
| | TOTAL OBS | 743 | 678 | 744 | 719 | 744 | 720 | 744 | 743 | 720 | 742 | 720 | 744 | 8761 |
| 03-05 | MEAN | 32.1 | 33.1 | 35.9 | 40.0 | 47.3 | 53.8 | 61.8 | 60.5 | 56.6 | 46.3 | 35.7 | 30.6 | 44.5 |
| | S D | 7.053 | 7.584 | 6.445 | 6.994 | 5.699 | 5.405 | 3.271 | 3.621 | 5.943 | 7.164 | 8.136 | 7.660 | 12.730 |
| | TOTAL OBS | 744 | 677 | 744 | 720 | 744 | 718 | 743 | 744 | 719 | 743 | 720 | 744 | 8760 |
| 06-08 | MEAN | 31.4 | 32.8 | 36.1 | 41.3 | 49.8 | 56.6 | 63.1 | 61.9 | 57.7 | 47.2 | 36.0 | 30.3 | 45.4 |
| | S D | 6.884 | 7.556 | 6.216 | 6.957 | 5.537 | 4.963 | 3.092 | 3.321 | 5.852 | 7.351 | 8.138 | 7.499 | 13.344 |
| | TOTAL OBS | 744 | 678 | 744 | 720 | 744 | 719 | 744 | 744 | 719 | 742 | 720 | 744 | 8762 |
| 09-11 | MEAN | 36.7 | 39.0 | 42.5 | 47.5 | 54.3 | 61.2 | 66.0 | 65.1 | 61.6 | 53.4 | 42.7 | 36.9 | 50.6 |
| | S D | 5.919 | 5.846 | 5.042 | 5.881 | 4.577 | 4.054 | 2.339 | 2.333 | 4.864 | 6.049 | 7.104 | 5.871 | 11.846 |
| | TOTAL OBS | 744 | 677 | 743 | 719 | 744 | 720 | 744 | 744 | 720 | 741 | 719 | 744 | 8759 |
| 12-14 | MEAN | 40.7 | 43.0 | 45.3 | 50.3 | 56.2 | 62.5 | 66.9 | 65.9 | 62.9 | 55.9 | 46.2 | 41.2 | 53.2 |
| | S D | 5.642 | 5.502 | 4.686 | 5.284 | 4.043 | 3.451 | 2.084 | 2.171 | 4.346 | 5.511 | 6.586 | 5.305 | 10.542 |
| | TOTAL OBS | 743 | 677 | 743 | 720 | 743 | 717 | 744 | 743 | 720 | 741 | 720 | 744 | 8755 |
| 15-17 | MEAN | 41.5 | 43.8 | 46.4 | 50.6 | 56.2 | 62.4 | 66.4 | 65.4 | 62.4 | 55.6 | 46.3 | 41.6 | 53.3 |
| | S D | 5.426 | 5.430 | 4.488 | 4.887 | 3.636 | 3.082 | 2.123 | 2.153 | 4.123 | 5.314 | 6.422 | 5.246 | 10.067 |
| | TOTAL OBS | 743 | 678 | 744 | 720 | 744 | 719 | 744 | 743 | 720 | 744 | 720 | 744 | 8763 |
| 18-20 | MEAN | 37.9 | 40.3 | 43.2 | 47.7 | 54.0 | 60.3 | 64.9 | 63.8 | 60.5 | 52.1 | 42.0 | 37.1 | 50.4 |
| | S D | 5.824 | 5.806 | 4.894 | 5.296 | 4.075 | 3.624 | 2.381 | 2.652 | 4.692 | 5.916 | 7.150 | 6.022 | 11.093 |
| | TOTAL OBS | 744 | 677 | 744 | 719 | 744 | 720 | 743 | 741 | 719 | 743 | 720 | 743 | 8757 |
| 21-23 | MEAN | 35.3 | 37.3 | 40.1 | 44.4 | 51.2 | 57.8 | 63.5 | 62.5 | 58.8 | 49.5 | 39.2 | 34.5 | 47.9 |
| | S D | 6.444 | 6.694 | 5.483 | 5.818 | 4.855 | 4.491 | 2.791 | 2.964 | 5.324 | 6.471 | 7.735 | 6.879 | 11.816 |
| | TOTAL OBS | 744 | 678 | 744 | 720 | 743 | 719 | 744 | 741 | 720 | 744 | 720 | 744 | 8761 |
| ALL HOURS | MEAN | 36.1 | 38.0 | 41.0 | 45.5 | 52.3 | 58.8 | 64.4 | 63.3 | 59.8 | 51.0 | 40.7 | 35.5 | 48.9 |
| | S D | 7.178 | 7.616 | 6.707 | 7.134 | 5.751 | 5.312 | 3.207 | 3.452 | 5.584 | 7.273 | 8.420 | 7.746 | 12.202 |
| | TOTAL OBS | 5949 | 5420 | 5950 | 5757 | 5950 | 5752 | 5950 | 5943 | 5757 | 5940 | 5759 | 5951 | 70078 |

USAFETAC FORM JUL 64 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
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# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23044 — STATION
BIGGS AAF TX (EL PASO) — STATION NAME
72-80 — YEARS

| HRS (L S T) | | JAN. | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 26.2 | 24.3 | 22.2 | 24.8 | 33.0 | 39.8 | 55.0 | 54.1 | 51.7 | 40.3 | 28.7 | 21.8 | 35.2 |
| | S D | 8.283 | 11.117 | 9.782 | 10.099 | 11.641 | 11.601 | 7.631 | 6.751 | 8.684 | 10.156 | 10.966 | 10.257 | 15.666 |
| | TOTAL OBS | 743 | 678 | 744 | 719 | 744 | 720 | 744 | 743 | 720 | 742 | 720 | 744 | 8761 |
| 03-05 | MEAN | 25.7 | 23.6 | 22.[illegible] | 25.5 | 33.7 | 40.7 | 55.7 | 54.7 | 51.7 | 39.9 | 27.9 | 21.5 | 35.3 |
| | S D | 8.161 | 11.137 | 9.555 | 10.289 | 11.095 | 11.118 | 7.172 | 6.326 | 8.562 | 10.193 | 10.990 | 10.324 | 15.770 |
| | TOTAL OBS | 744 | 677 | 744 | 720 | 744 | 718 | 743 | 744 | 719 | 743 | 720 | 744 | 8760 |
| 06-08 | MEAN | 25.4 | 23.8 | 23.1 | 26.7 | 36.1 | 43.2 | 56.4 | 55.9 | 52.6 | 40.6 | 28.1 | 21.6 | 36.2 |
| | S D | 8.109 | 11.215 | 9.466 | 10.240 | 10.510 | 10.651 | 6.901 | 5.479 | 8.312 | 10.312 | 10.961 | 10.219 | 15.899 |
| | TOTAL OBS | 744 | 678 | 744 | 720 | 744 | 719 | 744 | 744 | 719 | 742 | 720 | 744 | 8762 |
| 09-11 | MEAN | 26.9 | 25.5 | 24.5 | 27.5 | 36.1 | 43.5 | 55.7 | 55.4 | 52.5 | 41.8 | 29.8 | 23.9 | 37.0 |
| | S D | 8.043 | 10.605 | 8.821 | 9.477 | 9.805 | 10.398 | 6.419 | 5.251 | 8.255 | 9.766 | 10.445 | 9.415 | 14.936 |
| | TOTAL OBS | 744 | 677 | 743 | 719 | 744 | 720 | 744 | 744 | 720 | 741 | 719 | 744 | 8759 |
| 12-14 | MEAN | 26.6 | 24.7 | 23.2 | 25.8 | 33.7 | 40.4 | 53.3 | 52.6 | 50.2 | 40.5 | 29.5 | 24.1 | 35.4 |
| | S D | 8.531 | 10.174 | 8.264 | 8.963 | 9.411 | 9.230 | 6.493 | 5.825 | 8.527 | 9.534 | 10.074 | 9.601 | 14.197 |
| | TOTAL OBS | 743 | 677 | 743 | 720 | 743 | 717 | 744 | 743 | 720 | 741 | 720 | 744 | 8755 |
| 15-17 | MEAN | 26.0 | 23.3 | 21.7 | 23.9 | 31.7 | 38.0 | 51.3 | 50.5 | 48.3 | 38.9 | 28.4 | 23.4 | 33.8 |
| | S D | 8.744 | 10.218 | 8.581 | 8.809 | 9.587 | 8.975 | 7.205 | 6.567 | 9.114 | 9.852 | 10.225 | 9.802 | 14.076 |
| | TOTAL OBS | 743 | 678 | 744 | 720 | 744 | 719 | 744 | 743 | 720 | 744 | 720 | 744 | 8763 |
| 18-20 | MEAN | 26.4 | 23.2 | 21.2 | 23.2 | 31.5 | 37.8 | 51.5 | 51.4 | 49.3 | 39.4 | 28.7 | 23.1 | 34.[illegible] |
| | S D | 8.618 | 10.861 | 8.887 | 8.981 | 10.970 | 10.082 | 8.188 | 7.454 | 9.237 | 10.374 | 11.056 | 9.866 | 14.71[illegible] |
| | TOTAL OBS | 744 | 677 | 744 | 719 | 744 | 720 | 743 | 741 | 719 | 743 | 720 | 743 | 8757 |
| 21-23 | MEAN | 26.7 | 24.2 | 21.8 | 24.5 | 32.7 | 39.1 | 53.5 | 53.1 | 50.6 | 40.0 | 28.7 | 22.6 | 34.8 |
| | S D | 8.452 | 11.200 | 9.282 | 9.430 | 11.657 | 11.452 | 8.166 | 7.027 | 9.130 | 10.394 | 10.959 | 9.963 | 15.244 |
| | TOTAL OBS | 744 | 678 | 744 | 720 | 743 | 719 | 744 | 741 | 720 | 744 | 720 | 744 | 8761 |
| ALL HOURS | MEAN | 26.2 | 24.1 | 22.5 | 25.2 | 33.6 | 40.3 | 54.0 | 53.5 | 50.9 | 40.2 | 28.7 | 22.7 | 35.2 |
| | S D | 8.381 | 10.840 | 9.141 | 9.639 | 10.739 | 10.661 | 7.524 | 6.615 | 8.849 | 10.106 | 10.727 | 9.978 | 15.109 |
| | TOTAL OBS | [illegible]049 | 5820 | 5950 | 5757 | 5950 | 5752 | 5950 | 5943 | 5757 | 5940 | 5759 | 5951 | 70078 |

USAFETAC FORM JUL 64 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (PERIOD) JAN (MONTH)

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-02 | 100.0 | 99.5 | 96.8 | 90.4 | 76.0 | 58.1 | 36.9 | 20.5 | 5.7 | 64.0 | 743 |
| | 03-05 | 100.0 | 99.7 | 99.1 | 93.7 | 79.8 | 66.4 | 46.9 | 28.0 | 8.6 | 67.7 | 744 |
| | 06-08 | 100.0 | 99.7 | 98.8 | 94.9 | 84.5 | 69.4 | 48.7 | 31.6 | 10.9 | 69.1 | 744 |
| | 09-11 | 100.0 | 99.3 | 93.1 | 73.7 | 51.6 | 31.6 | 17.5 | 10.8 | 3.6 | 53.9 | 744 |
| | 12-14 | 100.0 | 93.4 | 68.2 | 38.8 | 22.6 | 12.8 | 7.1 | 3.6 | 1.6 | 40.4 | 743 |
| | 15-17 | 100.0 | 83.7 | 56.7 | 31.1 | 18.0 | 9.6 | 6.6 | 3.1 | 1.5 | 36.8 | 743 |
| | 18-20 | 100.0 | 97.2 | 84.5 | 60.9 | 39.0 | 24.1 | 12.4 | 6.3 | 2.3 | 48.2 | 744 |
| | 21-23 | 100.0 | 99.3 | 93.4 | 83.3 | 64.0 | 41.8 | 26.2 | 12.1 | 3.6 | 58.1 | 744 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 96.5 | 86.3 | 70.9 | 54.4 | 39.2 | 25.3 | 14.5 | 4.7 | 54.8 | 5949 |

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USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (PERIOD) FEB (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 | 96.1 | 83.9 | 67.1 | 51.3 | 38.3 | 23.9 | 15.6 | 4.3 | 53.6 | 678 |
| | 03-05 | 99.7 | 96.9 | 88.8 | 75.8 | 60.6 | 45.6 | 30.9 | 20.2 | 7.4 | 58.0 | 677 |
| | 06-08 | 99.9 | 97.3 | 89.4 | 78.5 | 63.1 | 46.5 | 35.0 | 23.9 | 9.3 | 60.2 | 678 |
| | 09-11 | 99.4 | 88.8 | 68.7 | 51.8 | 33.1 | 20.5 | 13.4 | 8.4 | 3.4 | 44.4 | 677 |
| | 12-14 | 96.2 | 68.4 | 43.4 | 23.5 | 14.5 | 9.3 | 5.3 | 2.1 | 1.3 | 32.1 | 677 |
| | 15-17 | 94.2 | 55.6 | 32.2 | 18.6 | 10.2 | 7.2 | 4.7 | 2.1 | .7 | 28.1 | 678 |
| | 18-20 | 97.8 | 74.4 | 51.6 | 32.1 | 19.5 | 13.0 | 9.6 | 5.0 | 1.5 | 36.0 | 677 |
| | 21-23 | 99.9 | 89.4 | 72.1 | 54.6 | 38.8 | 23.0 | 15.2 | 8.1 | 3.1 | 46.0 | 678 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 98.4 | 83.2 | 66.3 | 50.3 | 36.4 | 25.7 | 17.3 | 10.7 | 3.9 | 44.8 | 5420 |

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (PERIOD) MAR (MONTH)

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00-02 | 99.6 | 84.3 | 60.1 | 39.0 | 21.0 | 10.3 | 5.2 | 2.3 | .1 | 38.0 | 744 |
| | 03-05 | 99.9 | 92.6 | 73.8 | 51.1 | 32.8 | 17.2 | 9.5 | 3.4 | .7 | 43.7 | 744 |
| | 06-08 | 99.7 | 93.8 | 75.8 | 53.1 | 35.9 | 20.2 | 10.5 | 5.1 | 1.1 | 45.1 | 744 |
| | 09-11 | 98.9 | 74.3 | 43.2 | 23.0 | 10.9 | 4.6 | 2.7 | 1.5 | .3 | 31.5 | 743 |
| | 12-14 | 91.7 | 45.6 | 15.9 | 6.1 | 3.0 | 1.9 | .5 | .1 | | 22.2 | 743 |
| | 15-17 | 86.6 | 32.0 | 11.6 | 5.8 | 3.0 | .9 | .1 | | | 19.6 | 744 |
| | 18-20 | 94.5 | 49.1 | 22.8 | 12.0 | 6.5 | 2.8 | 1.1 | .1 | | 24.5 | 744 |
| | 21-23 | 98.0 | 72.3 | 43.3 | 22.6 | 13.2 | 5.5 | 2.4 | .7 | | 31.6 | 744 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 96.2 | 68.0 | 43.3 | 26.6 | 15.8 | 7.9 | 4.0 | 1.7 | .3 | 32.0 | 5950 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23044 (STATION) 'FIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (PERIOD) APR (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 | 99.9 | 77.2 | 46.2 | 25.5 | 13.8 | 7.5 | 3.8 | 1.1 | .1 | 33.1 | 719 |
| | 03-05 | 100.0 | 89.3 | 65.3 | 38.2 | 23.2 | 14.3 | 7.9 | 2.9 | .8 | 39.8 | 720 |
| | 06-08 | 100.0 | 88.6 | 62.6 | 36.5 | 21.5 | 12.5 | 6.9 | 2.6 | 1.1 | 39.0 | 720 |
| | 09-11 | 98.6 | 56.5 | 23.9 | 11.8 | 5.6 | 2.5 | 1.4 | .8 | .8 | 25.8 | 719 |
| | 12-14 | 87.5 | 26.5 | 7.4 | 2.4 | 1.7 | 1.4 | .7 | .6 | .1 | 18.3 | 720 |
| | 15-17 | 75.7 | 17.9 | 5.0 | 2.5 | 1.3 | .8 | .6 | .1 | .1 | 15.8 | 720 |
| | 18-20 | 85.5 | 31.7 | 11.8 | 4.9 | 3.1 | 1.1 | .6 | | | 19.6 | 719 |
| | 21-23 | 97.2 | 62.8 | 30.0 | 14.2 | 7.8 | 3.9 | 1.7 | .8 | .3 | 27.3 | 720 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 93.1 | 56.3 | 31.5 | 17.0 | 9.8 | 5.5 | 3.0 | 1.1 | .4 | 27.3 | 5757 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (PERIOD) MAY (MONTH)

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 97.2 | 72.2 | 47.6 | 30.4 | 19.1 | 14.9 | 11.3 | 6.0 | 2.4 | 35.9 | 744 |
| | 03-05 | 99.9 | 84.8 | 62.1 | 44.0 | 28.9 | 20.6 | 14.5 | 9.8 | 3.8 | 42.3 | 744 |
| | 06-08 | 100.0 | 85.3 | 59.3 | 37.6 | 25.5 | 18.4 | 11.4 | 4.7 | 1.6 | 40.1 | 744 |
| | 09-11 | 97.6 | 56.6 | 28.4 | 17.9 | 9.5 | 5.5 | 2.4 | .3 | .1 | 27.5 | 744 |
| | 12-14 | 86.1 | 26.5 | 14.1 | 6.2 | 2.8 | 1.5 | .4 | | | 19.4 | 743 |
| | 15-17 | 75.4 | 19.5 | 10.5 | 5.4 | 3.2 | 1.2 | .8 | .4 | .3 | 17.3 | 744 |
| | 18-20 | 83.2 | 32.5 | 19.4 | 12.6 | 7.7 | 5.8 | 3.6 | 1.7 | .7 | 22.3 | 744 |
| | 21-23 | 93.3 | 59.2 | 32.7 | 20.6 | 14.3 | 10.4 | 7.4 | 3.2 | .8 | 29.9 | 743 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 91.6 | 54.6 | 34.3 | 21.8 | 13.9 | 9.8 | 6.5 | 3.5 | 1.2 | 29.3 | 5950 |

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GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (PERIOD) JUN (MONTH)

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 95.1 | 69.7 | 44.0 | 27.5 | 15.4 | 10.6 | 5.3 | 3.5 | 1.5 | 33.0 | 720 |
| | 03-05 | 99.2 | 85.5 | 60.0 | 42.8 | 28.7 | 15.3 | 9.1 | 3.9 | 2.2 | 40.5 | 718 |
| | 06-08 | 98.9 | 81.4 | 57.7 | 37.3 | 22.5 | 12.2 | 6.5 | 2.8 | .8 | 37.8 | 719 |
| | 09-11 | 93.1 | 54.9 | 28.9 | 13.3 | 5.6 | 2.9 | 1.4 | .8 | .1 | 25.6 | 720 |
| | 12-14 | 78.9 | 24.6 | 8.6 | 3.8 | 1.5 | .8 | .3 | | | 17.4 | 717 |
| | 15-17 | 65.5 | 15.2 | 5.8 | 2.9 | 1.9 | 1.4 | .7 | | | 15.0 | 719 |
| | 18-20 | 76.3 | 26.3 | 12.1 | 6.8 | 4.3 | 2.8 | 1.5 | 1.0 | .4 | 18.8 | 720 |
| | 21-23 | 91.0 | 51.7 | 28.5 | 16.3 | 9.7 | 5.4 | 3.8 | 2.2 | 1.1 | 26.6 | 719 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 87.3 | 51.2 | 30.7 | 18.8 | 11.2 | 6.4 | 3.6 | 1.8 | .8 | 26.8 | 5752 |

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GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (PERIOD) JUL (MONTH)

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | 100.0 | 97.0 | 85.2 | 68.5 | 54.0 | 39.8 | 24.1 | 15.6 | 2.7 | 54.3 | 744 |
| | 03-05 | 100.0 | 99.2 | 92.7 | 81.6 | 67.0 | 53.4 | 36.1 | 21.7 | 6.5 | 61.5 | 743 |
| | 06-08 | 100.0 | 97.8 | 91.8 | 78.2 | 60.1 | 43.8 | 25.7 | 14.7 | 4.3 | 57.3 | 744 |
| | 09-11 | 99.7 | 91.9 | 69.8 | 45.2 | 23.1 | 10.8 | 5.4 | 2.3 | .1 | 40.3 | 744 |
| | 12-14 | 99.1 | 72.6 | 39.2 | 17.1 | 8.2 | 3.5 | 1.7 | .7 | | 30.0 | 744 |
| | 15-17 | 97.0 | 59.1 | 32.5 | 17.7 | 8.6 | 4.2 | 2.0 | .7 | | 27.7 | 744 |
| | 18-20 | 97.8 | 68.4 | 46.6 | 31.4 | 18.6 | 11.0 | 5.7 | 2.8 | .7 | 34.0 | 743 |
| | 21-23 | 99.6 | 89.8 | 69.4 | 51.6 | 36.6 | 23.3 | 11.4 | 6.9 | 1.5 | 44.7 | 744 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.2 | 84.5 | 65.9 | 48.9 | 34.5 | 23.7 | 14.0 | 8.2 | 2.0 | 43.7 | 5950 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 73-80 (PERIOD) AUG (MONTH)

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 98.9 | 93.0 | 75.4 | 54.4 | 35.5 | 17.6 | 10.4 | 2.7 | 54.4 | 743 |
| | 03-05 | 100.0 | 100.0 | 98.1 | 87.5 | 71.6 | 50.9 | 29.4 | 16.8 | 5.1 | 61.6 | 744 |
| | 06-08 | 100.0 | 99.7 | 97.7 | 87.8 | 70.7 | 46.6 | 23.3 | 12.0 | 2.8 | 59.7 | 744 |
| | 09-11 | 100.0 | 96.8 | 79.0 | 47.8 | 22.0 | 8.9 | 4.4 | 1.9 | .1 | 41.8 | 744 |
| | 12-14 | 100.0 | 79.4 | 40.2 | 15.7 | 8.2 | 4.2 | 1.6 | .7 | .1 | 30.6 | 743 |
| | 15-17 | 99.6 | 62.9 | 29.3 | 15.1 | 7.1 | 4.2 | 2.6 | .7 | | 27.9 | 743 |
| | 18-20 | 99.7 | 79.8 | 52.6 | 30.6 | 18.4 | 11.6 | 5.8 | 2.0 | | 35.8 | 741 |
| | 21-23 | 100.0 | 96.5 | 78.3 | 56.7 | 33.7 | 20.6 | 10.3 | 5.1 | .4 | 45.8 | 741 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.9 | 89.2 | 71.0 | 52.1 | 35.8 | 22.8 | 11.9 | 6.2 | 1.4 | 44.7 | 5943 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (PERIOD) SEP (MONTH)

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 98.6 | 94.3 | 83.2 | 66.9 | 52.5 | 35.3 | 23.6 | 10.0 | 62.5 | 720 |
| | 03-05 | 100.0 | 99.2 | 98.3 | 91.8 | 79.8 | 62.0 | 47.7 | 33.1 | 12.9 | 68.4 | 719 |
| | 06-08 | 100.0 | 99.4 | 97.4 | 91.4 | 78.7 | 60.8 | 45.8 | 30.2 | 12.0 | 67.4 | 719 |
| | 09-11 | 100.0 | 95.8 | 79.6 | 58.1 | 39.2 | 25.8 | 15.3 | 7.1 | 2.9 | 48.1 | 720 |
| | 12-14 | 99.7 | 79.7 | 49.7 | 31.3 | 19.9 | 12.8 | 7.5 | 3.6 | 1.5 | 36.3 | 720 |
| | 15-17 | 99.3 | 67.1 | 43.8 | 27.4 | 16.8 | 10.8 | 6.5 | 3.3 | 1.7 | 33.2 | 720 |
| | 18-20 | 100.0 | 87.3 | 63.7 | 46.7 | 30.9 | 20.0 | 14.5 | 7.6 | 2.2 | 42.9 | 719 |
| | 21-23 | 100.0 | 96.9 | 86.5 | 66.3 | 51.0 | 38.3 | 24.2 | 14.6 | 4.7 | 53.9 | 720 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.9 | 90.5 | 76.7 | 62.0 | 48.2 | 35.4 | 24.6 | 15.4 | 6.0 | 51.6 | 5757 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (PERIOD) OCT (MONTH)

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 98.9 | 92.9 | 79.0 | 65.5 | 45.0 | 31.5 | 19.5 | 7.8 | 59.7 | 742 |
| | 03-05 | 100.0 | 99.3 | 96.8 | 88.4 | 74.8 | 58.7 | 39.8 | 23.4 | 10.5 | 65.0 | 743 |
| | 06-08 | 100.0 | 99.7 | 96.8 | 86.8 | 70.4 | 55.0 | 39.8 | 24.1 | 9.7 | 63.9 | 742 |
| | 09-11 | 100.0 | 92.3 | 71.4 | 48.6 | 30.4 | 17.7 | 10.4 | 5.7 | 2.0 | 43.5 | 741 |
| | 12-14 | 99.9 | 71.7 | 46.2 | 22.7 | 13.1 | 7.2 | 3.6 | 2.3 | .9 | 32.2 | 741 |
| | 15-17 | 99.5 | 63.3 | 37.4 | 19.0 | 11.2 | 6.7 | 5.1 | 3.2 | .8 | 30.0 | 744 |
| | 18-20 | 100.0 | 86.9 | 65.7 | 41.9 | 27.6 | 17.0 | 10.0 | 6.3 | 1.7 | 41.5 | 743 |
| | 21-23 | 100.0 | 96.5 | 86.0 | 66.8 | 46.5 | 30.6 | 19.4 | 11.2 | 3.9 | 51.9 | 744 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.9 | 88.6 | 74.2 | 56.7 | 42.4 | 29.7 | 20.0 | 12.0 | 4.7 | 48.5 | 5940 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (PERIOD) NOV (MONTH)

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00-02 | 100.0 | 98.2 | 89.7 | 76.4 | 58.1 | 45.7 | 32.9 | 18.9 | 5.8 | 58.2 | 720 |
| | 03-05 | 100.0 | 99.0 | 93.1 | 83.3 | 68.8 | 54.2 | 40.1 | 24.2 | 9.6 | 62.7 | 720 |
| | 06-08 | 100.0 | 99.2 | 92.8 | 82.2 | 68.5 | 51.5 | 36.1 | 21.4 | 8.3 | 61.7 | 720 |
| | 09-11 | 100.0 | 91.9 | 72.7 | 49.8 | 31.0 | 18.5 | 10.0 | 3.5 | .4 | 43.6 | 719 |
| | 12-14 | 99.4 | 76.0 | 46.8 | 24.2 | 13.8 | 7.5 | 3.3 | 1.4 | .4 | 32.8 | 720 |
| | 15-17 | 99.2 | 67.5 | 38.6 | 20.6 | 13.2 | 7.6 | 3.3 | 1.3 | .4 | 30.6 | 720 |
| | 18-20 | 99.9 | 90.0 | 68.2 | 45.8 | 32.8 | 22.8 | 12.5 | 4.3 | 1.1 | 43.5 | 720 |
| | 21-23 | 100.0 | 96.7 | 83.9 | 66.1 | 46.8 | 33.6 | 24.3 | 11.3 | 2.4 | 52.1 | 720 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.8 | 89.6 | 73.2 | 56.1 | 41.6 | 30.2 | 20.3 | 10.8 | 3.6 | 48.2 | 5759 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-79 (PERIOD) DEC (MONTH)

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 96.2 | 85.6 | 68.4 | 51.5 | 39.4 | 26.5 | 16.1 | 6.6 | 54.8 | 744 |
| | 03-05 | 100.0 | 98.8 | 90.7 | 78.6 | 60.8 | 46.0 | 32.5 | 20.8 | 9.3 | 59.3 | 744 |
| | 06-08 | 100.0 | 99.2 | 92.2 | 81.6 | 63.8 | 49.1 | 34.9 | 20.7 | 9.3 | 60.7 | 744 |
| | 09-11 | 100.0 | 93.4 | 73.5 | 51.2 | 34.7 | 23.1 | 14.1 | 7.4 | 4.0 | 45.8 | 744 |
| | 12-14 | 99.7 | 74.9 | 45.0 | 28.2 | 17.1 | 11.2 | 8.1 | 4.8 | 1.9 | 34.5 | 744 |
| | 15-17 | 98.9 | 70.6 | 40.9 | 23.5 | 13.6 | 8.7 | 7.1 | 3.6 | 1.9 | 32.5 | 744 |
| | 18-20 | 100.0 | 89.8 | 68.0 | 48.3 | 31.8 | 17.8 | 10.1 | 6.2 | 3.1 | 43.0 | 743 |
| | 21-23 | 100.0 | 94.5 | 78.9 | 61.3 | 44.1 | 31.3 | 17.7 | 9.4 | 3.6 | 49.6 | 744 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.8 | 89.7 | 71.9 | 55.1 | 39.7 | 28.3 | 18.9 | 11.1 | 5.0 | 47.5 | 5951 |

USAFETAC FORM JUL 64 0-87-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-80 (PERIOD) ALL (MONTH)

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 96.5 | 86.3 | 70.9 | 54.4 | 39.2 | 25.3 | 14.5 | 4.7 | 54.8 | 5949 |
| FEB | | 98.4 | 83.2 | 66.3 | 50.3 | 36.4 | 25.7 | 17.3 | 10.7 | 3.9 | 44.8 | 5420 |
| MAR | | 96.2 | 68.0 | 43.3 | 26.6 | 15.8 | 7.9 | 4.0 | 1.7 | .3 | 32.0 | 5950 |
| APR | | 93.1 | 56.3 | 31.5 | 17.0 | 9.8 | 5.5 | 3.0 | 1.1 | .4 | 27.3 | 5757 |
| MAY | | 91.6 | 54.6 | 34.3 | 21.8 | 13.9 | 9.8 | 6.5 | 3.3 | 1.2 | 29.3 | 5950 |
| JUN | | 87.3 | 51.2 | 30.7 | 18.8 | 11.2 | 6.4 | 3.6 | 1.8 | .8 | 26.8 | 5752 |
| JUL | | 99.2 | 84.5 | 65.9 | 48.9 | 34.5 | 23.7 | 14.0 | 8.2 | 2.0 | 43.7 | 5950 |
| AUG | | 99.9 | 89.2 | 71.0 | 52.1 | 35.[illegible] | 22.8 | 11.9 | 6.2 | 1.4 | 44.7 | 5943 |
| SEP | | 99.9 | 90.5 | 76.7 | 62.0 | 48.2 | 35.4 | 24.6 | 15.4 | 6.0 | 51.6 | 5757 |
| OCT | | 99.9 | 88.6 | 74.2 | 56.7 | 42.4 | 29.7 | 20.0 | 12.0 | 4.7 | 48.5 | 5940 |
| NOV | | 99.8 | 89.8 | 73.2 | 56.1 | 41.6 | 30.2 | 20.3 | 10.8 | 3.6 | 48.2 | 5759 |
| DEC | | 99.8 | 89.7 | 71.9 | 55.1 | 39.7 | 28.3 | 16.9 | 11.1 | 5.0 | 47.5 | 5951 |
| TOTALS | | 97.1 | 78.5 | 60.4 | 44.7 | 32.0 | 22.1 | 14.1 | 8.1 | 2.8 | 41.6 | 70078 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART F PRESSURE SUMMARY

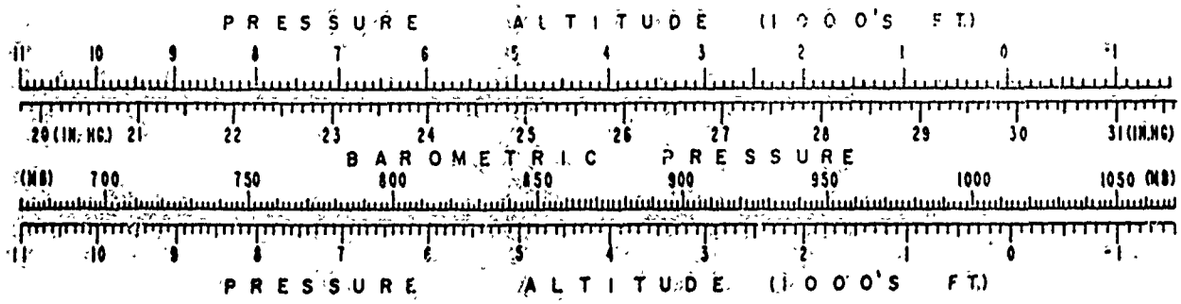
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.






74-29567

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-80 (YEARS)

| HRS (L S T.) | | JAN | FEB | MAR. | APR. | MAY | JUN. | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 02 | MEAN | 26.022 | 26.022 | 25.926 | 25.929 | 25.912 | 25.952 | 26.005 | 26.013 | 26.021 | 26.035 | 26.031 | 26.047 | 25.993 |
| | S D | .142 | .136 | .122 | .110 | .099 | .088 | .063 | .067 | .086 | .113 | .131 | .150 | .121 |
| | TOTAL OBS | 240 | 226 | 248 | 240 | 248 | 238 | 248 | 244 | 240 | 248 | 239 | 248 | 2913 |
| 05 | MEAN | 26.067 | 26.072 | 25.976 | 25.968 | 25.979 | 26.024 | 26.069 | 26.073 | 26.077 | 26.095 | 26.088 | 26.070 | 26.050 |
| | S D | .148 | .142 | .127 | .114 | .100 | .099 | .063 | .067 | .086 | .116 | .142 | .156 | .125 |
| | TOTAL OBS | 248 | 226 | 247 | 240 | 247 | 240 | 248 | 248 | 240 | 247 | 240 | 248 | 2919 |
| 08 | MEAN | 26.053 | 26.059 | 25.967 | 25.977 | 25.969 | 26.010 | 26.052 | 26.056 | 26.064 | 26.079 | 26.071 | 26.075 | 26.036 |
| | S D | .145 | .142 | .129 | .115 | .098 | .088 | .062 | .065 | .083 | .116 | .136 | .152 | .122 |
| | TOTAL OBS | 248 | 226 | 248 | 239 | 248 | 239 | 248 | 248 | 240 | 247 | 240 | 248 | 2919 |
| 11 | MEAN | 26.127 | 26.126 | 26.015 | 26.016 | 26.005 | 26.052 | 26.090 | 26.102 | 26.109 | 26.126 | 26.122 | 26.135 | 26.085 |
| | S. D | .146 | .146 | .131 | .122 | .102 | .096 | .063 | .064 | .086 | .118 | .142 | .165 | .128 |
| | TOTAL OBS | 248 | 226 | 248 | 239 | 248 | 240 | 248 | 248 | 240 | 248 | 240 | 248 | 2921 |
| 14 | MEAN | 25.994 | 25.993 | 25.895 | 25.905 | 25.896 | 25.936 | 25.984 | 25.990 | 26.000 | 26.008 | 26.001 | 26.007 | 25.967 |
| | S D | .142 | .137 | .129 | .118 | .099 | .085 | .061 | .064 | .084 | .115 | .134 | .153 | .122 |
| | TOTAL OBS | 247 | 224 | 248 | 240 | 247 | 239 | 248 | 247 | 240 | 248 | 240 | 247 | 2915 |
| 17 | MEAN | 26.040 | 26.026 | 25.916 | 25.912 | 25.902 | 25.940 | 25.992 | 26.005 | 26.019 | 26.039 | 26.039 | 26.049 | 25.990 |
| | S D | .143 | .136 | .130 | .119 | .103 | .100 | .066 | .070 | .090 | .116 | .134 | .153 | .128 |
| | TOTAL OBS | 248 | 226 | 247 | 240 | 248 | 240 | 248 | 247 | 240 | 248 | 240 | 248 | 2920 |
| 20 | MEAN | 26.014 | 26.005 | 25.901 | 25.897 | 25.881 | 25.914 | 25.968 | 25.982 | 26.002 | 26.020 | 26.020 | 26.033 | 25.970 |
| | S D | .136 | .131 | .119 | .109 | .097 | .087 | .064 | .062 | .090 | .112 | .128 | .147 | .122 |
| | TOTAL OBS | 248 | 224 | 248 | 239 | 248 | 240 | 248 | 247 | 238 | 248 | 240 | 247 | 2915 |
| 23 | MEAN | 26.083 | 26.075 | 25.973 | 25.977 | 25.964 | 26.003 | 26.061 | 26.064 | 26.074 | 26.084 | 26.090 | 26.095 | 26.045 |
| | S. D | .143 | .136 | .124 | .111 | .101 | .092 | .064 | .070 | .093 | .118 | .132 | .153 | .124 |
| | TOTAL OBS | 248 | 225 | 248 | 239 | 247 | 240 | 248 | 247 | 240 | 248 | 240 | 248 | 2918 |
| ALL HOURS | MEAN | 26.050 | 26.047 | 25.946 | 25.950 | 25.939 | 25.979 | 26.028 | 26.036 | 26.046 | 26.061 | 26.058 | 26.067 | 26.017 |
| | S D | .148 | .144 | .132 | .122 | .109 | .103 | .076 | .078 | .095 | .122 | .140 | .158 | .130 |
| | TOTAL OBS | 1981 | 1803 | 1982 | 1916 | 1981 | 1916 | 1984 | 1976 | 1918 | 1982 | 1919 | 1982 | 23340 |

USAFETAC FORM JUL 64 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
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# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

23044 (STATION) BIGGS AAF TX (EL PASO) (STATION NAME) 72-80 (YEARS)

| HRS (L S T) | | JAN | FEB | MAR | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 02 | MEAN | 1016.8 | 1016.1 | 1011.1 | 1010.1 | 1008.2 | 1008.5 | 1010.6 | 1011.2 | 1012.3 | 1014.2 | 1016.0 | 1017.6 | 1012.7 |
| | S D | 6.204 | 6.077 | 5.307 | 4.876 | 4.492 | 3.818 | 2.808 | 2.969 | 4.145 | 4.836 | 5.960 | 6.779 | 5.907 |
| | TOTAL OBS | 248 | 226 | 247 | 240 | 248 | 240 | 248 | 247 | 240 | 248 | 240 | 248 | 2920 |
| 05 | MEAN | 1016.9 | 1016.3 | 1011.5 | 1010.9 | 1009.3 | 1009.6 | 1011.4 | 1011.7 | 1012.8 | 1014.9 | 1016.5 | 1017.8 | 1013.3 |
| | S D | 6.341 | 6.197 | 5.442 | 4.899 | 4.424 | 3.808 | 2.755 | 2.917 | 4.001 | 4.821 | 6.058 | 6.821 | 5.798 |
| | TOTAL OBS | 248 | 226 | 248 | 240 | 248 | 240 | 248 | 248 | 240 | 248 | 240 | 248 | 2922 |
| 08 | MEAN | 1018.9 | 1018.4 | 1013.5 | 1012.6 | 1010.8 | 1010.9 | 1012.7 | 1013.2 | 1014.4 | 1016.8 | 1018.4 | 1019.7 | 1015.0 |
| | S. D. | 6.436 | 6.323 | 5.494 | 5.028 | 4.433 | 3.752 | 2.778 | 2.862 | 3.954 | 4.826 | 6.120 | 6.952 | 5.947 |
| | TOTAL OBS | 248 | 226 | 248 | 240 | 248 | 239 | 248 | 248 | 240 | 247 | 240 | 248 | 2920 |
| 11 | MEAN | 1019.2 | 1018.3 | 1012.9 | 1011.8 | 1010.0 | 1010.1 | 1012.0 | 1012.6 | 1013.9 | 1016.1 | 1017.9 | 1019.4 | 1014.5 |
| | S. D | 6.329 | 6.199 | 5.501 | 5.154 | 4.438 | 3.687 | 2.759 | 2.779 | 3.986 | 4.904 | 6.066 | 6.938 | 6.057 |
| | TOTAL OBS | 248 | 226 | 248 | 239 | 248 | 240 | 248 | 248 | 240 | 248 | 240 | 248 | 2921 |
| 14 | MEAN | 1015.7 | 1015.0 | 1009.9 | 1009.1 | 1007.5 | 1007.8 | 1009.8 | 1010.3 | 1011.4 | 1013.2 | 1014.7 | 1016.1 | 1011.7 |
| | S D | .17 | 5.982 | 5.453 | 5.053 | 4.513 | 3.604 | 2.752 | 2.835 | 4.079 | 4.843 | 5.912 | 6.862 | 5.789 |
| | TOTAL OBS | .8 | 225 | 248 | 240 | 247 | 239 | 248 | 248 | 240 | 248 | 240 | 248 | 2919 |
| 17 | MEAN | 1015.6 | 1014.4 | 1009.1 | 1007.9 | 1006.3 | 1006.3 | 1008.3 | 1009.0 | 1010.5 | 1012.8 | 1014.8 | 1016.2 | 1010.9 |
| | S D | 5.954 | 5.838 | 5.311 | 4.926 | 4.488 | 3.669 | 2.920 | 2.887 | 4.175 | 4.739 | 5.793 | 6.632 | 6.012 |
| | TOTAL OBS | 248 | 226 | 248 | 240 | 248 | 240 | 248 | 247 | 240 | 248 | 240 | 248 | 2921 |
| 20 | MEAN | 1017.3 | 1016.1 | 1010.8 | 1009.3 | 1007.3 | 1007.2 | 1009.4 | 1010.2 | 1012.1 | 1014.3 | 1016.4 | 1018.0 | 1012.4 |
| | S D | 5.984 | 5.900 | 5.189 | 4.853 | 4.484 | 3.787 | 3.005 | 2.861 | 4.230 | 4.756 | 5.823 | 6.637 | 6.180 |
| | TOTAL OBS | 248 | 225 | 248 | 240 | 248 | 240 | 248 | 247 | 239 | 248 | 240 | 248 | 2919 |
| 23 | MEAN | 1017.5 | 1016.4 | 1011.3 | 1010.2 | 1008.4 | 1008.5 | 1010.8 | 1011.2 | 1012.6 | 1014.4 | 1016.6 | 1017.9 | 1013.0 |
| | S D | 6.073 | 5.949 | 5.239 | 4.929 | 4.469 | 3.959 | 2.858 | 2.925 | 4.214 | 4.945 | 5.940 | 6.717 | 5.976 |
| | TOTAL OBS | 248 | 226 | 248 | 240 | 248 | 240 | 248 | 247 | 240 | 248 | 240 | 248 | 2921 |
| ALL HOURS | MEAN | 1017.2 | 1016.4 | 1011.3 | 1010.2 | 1008.5 | 1008.6 | 1010.6 | 1011.2 | 1012.5 | 1014.6 | 1016.4 | 1017.8 | 1012.9 |
| | S D | 6.279 | 6.187 | 5.520 | 5.151 | 4.671 | 4.021 | 3.130 | 3.142 | 4.261 | 4.986 | 6.076 | 6.888 | 6.092 |
| | TOTAL OBS | 1984 | 1806 | 1983 | 1919 | 1983 | 1918 | 1984 | 1980 | 1919 | 1983 | 1920 | 1984 | 23363 |

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