AD-A137 575 DYESS AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 21 SEP 83 1/6

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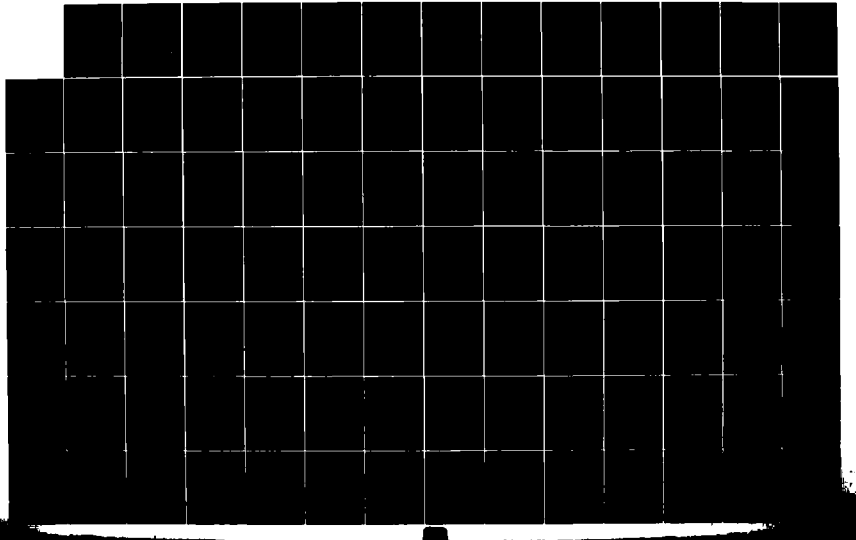

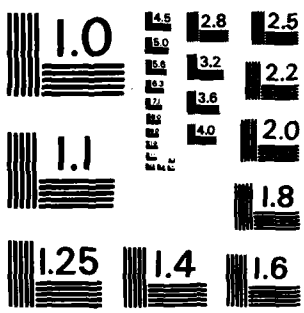


MICROCOPY RESOLUTION TEST CHART
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# DATA PROCESSING DIVISION
# USAFETAC
## Air Weather Service ( MAC )

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**REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS**

DYESS AFB TX
N 32 26 W 99 51 1789 FT

MSC #722665
DYS

PARTS A-F HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JUN 73 - MAY 83
SUMMARY OF DAY DATA: DEC 43 - DEC 45, MAY 56 - MAY 83

TIME CONVERSION GMT TO LST: -6

SEP 21 1983

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

FEDERAL BUILDING
ASHEVILLE, N. C.

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ELECTE
JAN 31 1984
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84 01 31 083

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

| REPORT DOCUMENTATION PAGE | | READ INSTRUCTIONS BEFORE COMPLETING FORM |
|---|---|---|
| 1 REPORT NUMBER<br>USAFETAC/DS-83/045 | 2. GOVT ACCESSION NO.<br>AD-A137 575 | 3. RECIPIENT'S CATALOG NUMBER |
| 4. TITLE (and Subtitle)<br>Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Dyess AFB, Texas | | 5 TYPE OF REPORT & PERIOD COVERED<br>Final rept.<br>6 PERFORMING ORG. REPORT NUMBER |
| 7 AUTHOR(s) | | 8 CONTRACT OR GRANT NUMBER(s) |
| 9 PERFORMING ORGANIZATION NAME AND ADDRESS<br>USAFETAC/OL-A<br>Air Force Environmental Technical Appl. Center<br>Scott AFB IL 62225 | | 10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS |
| 11. CONTROLLING OFFICE NAME AND ADDRESS<br>USAFETAC/CBD<br>Air Weather Service (MAC)<br>Scott AFB IL 62225 | | 12 REPORT DATE<br>21 SEP 83<br>13 NUMBER OF PAGES<br>p. 320 |
| 14 MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office) | | 15. SECURITY CLASS. (of this report)<br>UNCLASSIFIED<br>15a. DECLASSIFICATION/DOWNGRADING SCHEDULE |

16 DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18 SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statistical summary of surface weather observations for Dyess AFB, Texas.
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) 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. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*
Texas
* Dyess

*
Dyess AFB
USTX722665

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 occurrence or cumulative percentage frequency of occurrence tables.

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

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| Unannounced | ☐ |
| Justification | |
| By | |
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| Dist | Avail and/or Special |
| A-1 | |

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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 |

| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | FIELD ELEV (FT.) | CALL SIGN | WMO NUMBER |
|---|---|---|---|---|---|---|
| 722665 | Dyess AFB TX/Abilene | N 32 26 | W 099 51 | 1789 ft | DYS | |

# 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 | Army Airfield/Abilene Texas | AAF | Dec 43 | Dec 45 | N 32 24 | W 099 51 | 1780ft | 1792 ft | 24 |
| 2 | Abilene AFB Texas | AFB | Apr 56 | Mar 57 | N 32 26 | W 099 51 | 1789 ft | 1777 ft | 24 |
| 3 | Dyess AFB Texas/Abilene | AFB | Apr 57 | Apr 59 | Same | Same | Same | Same | 24 |
| 4 | Same | AFB | May 59 | Nov 67 | Same | Same | Same | Same | 24 |
| 5 | Same | AFB | Dec 67 | Dec 70 | Same | Same | Same | Same | 24 |
| 6 | Same | AFB | Jan 71 | Nov 77 | Same | Same | Same | 1797 ft | 24 |
| 7 | Same | AFB | Dec 77 | Jun 82 | Same | Same | Same | Same | 24 |
| 8 | Same | AFB | Jul 82 | Aug 83 | 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 | Dec 43 | N/A | N/A | N/A | N/A | |
| 2 | Apr 56 | Located 100 yds North of operating | AN-GMQ 1 | None | 25 ft | M-17 Rain Gauge |
| 3 | Apr 58 | Located 1107 yds West of operations Bldg. | GMQ 11 | RO-2A/GMQ 11 | 15 ft | M-17 Rain Gauge |
| 4 | Dec 67 | Located North End of runway 750 ft West of centerline & 400 ft South of runway 16<br>Located South end of runway, 750 ft West of centerline & 5 ft North of runway 34 | GMQ-11 | RO-2 | 13 ft | 8 inch Rain Gauge Temperature Humidity set (AN/TMQ-11), Rotating Beam Ceilometer (AN/GMQ-13), Transmission meter (AN/GMQ-10) |
| 5 | May 69 | 1. Same<br>2. Same | Same<br>Same | RO-362 | Same<br>Same | 8 inch Rain Gauge |

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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 | Nov 77 | 1. Same | Same | RO-362 | Same | |
| | | 2. Same | Same | | Same | |
| 7 | Jun 82 | 1. Same | GMQ-11 | RO-362 | 13 ft | |
| | | 2. Same | Same | | Same | |
| 8 | Unknown | 1. Same | GMQ-20 | RO-362 | 13 ft | |
| | | 2. Same | | | Same | |

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A

# PART A WEATHER CONDITIONS

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

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

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

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

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

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

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

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

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

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

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

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

Continued on Reverse

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

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

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USAFETAC
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# WEATHER CONDITIONS

7226 65 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | 00-02 | .4 | 4.9 | 1.8 | 3.3 | | 9.8 | 9.7 | .1 | | | 9.7 | 930 |
| | 03-05 | .3 | 5.4 | 1.7 | 3.1 | | 9.7 | 9.8 | | | .1 | 9.9 | 930 |
| | 06-08 | | 5.5 | 2.0 | 3.7 | | 10.9 | 10.1 | | .1 | .3 | 10.5 | 930 |
| | 09-11 | .2 | 5.8 | 2.2 | 2.7 | | 10.2 | 12.3 | | .2 | | 12.5 | 930 |
| | 12-14 | .1 | 4.8 | 1.2 | 3.4 | | 8.8 | 8.9 | | .1 | .4 | 9.5 | 930 |
| | 15-17 | | 5.3 | 1.0 | 3.0 | | 8.7 | 8.0 | .4 | | .9 | 9.0 | 930 |
| | 18-20 | | 4.2 | 1.2 | 1.7 | | 6.6 | 8.8 | .2 | | 1.3 | 10.2 | 930 |
| | 21-23 | | 5.4 | 1.2 | 3.3 | | 9.2 | 8.2 | .3 | | .2 | 8.4 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 5.2 | 1.5 | 3.0 | | 9.2 | 9.5 | .1 | .1 | .4 | 10.0 | 7440 |

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# WEATHER CONDITIONS

722665 (STATION) GYESS AFB TX (STATION NAME) 74-83 (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 | | 3.9 | 2.7 | 2.5 | | 8.5 | 10.4 | .2 | .1 | .7 | 11.5 | 846 |
| | 03-05 | .8 | 4.0 | 1.8 | 3.1 | | 7.4 | 10.6 | .1 | .5 | .7 | 11.7 | 846 |
| | 06-08 | .5 | 5.8 | .5 | 3.0 | | 8.6 | 13.5 | .2 | | .4 | 14.1 | 846 |
| | 09-11 | .1 | 6.0 | .2 | 3.3 | | 9.2 | 11.8 | | | .6 | 12.4 | 846 |
| | 12-14 | .1 | 5.2 | .2 | 2.2 | | 7.4 | 6.5 | | | 1.7 | 8.2 | 846 |
| | 15-17 | .1 | 4.3 | .6 | 2.0 | | 6.3 | 5.3 | .2 | | 3.3 | 8.9 | 847 |
| | 18-20 | .5 | 4.7 | .5 | 3.2 | | 7.9 | 5.8 | .4 | .2 | 3.1 | 9.5 | 846 |
| | 21-23 | .2 | 5.2 | 1.4 | 2.6 | | 8.7 | 8.0 | .8 | .2 | .9 | 10.0 | 846 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 4.9 | 1.0 | 2.7 | | 8.0 | 9.0 | .2 | .1 | 1.4 | 10.8 | 6769 |

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# WEATHER CONDITIONS

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L S T) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAR | 00-02 | 1.4 | 4.9 | .1 | .3 | | 5.3 | 3.7 | .1 | | 1.4 | 5.2 | 930 |
| | 03-05 | .5 | 5.4 | .2 | .4 | | 5.9 | 5.4 | | | .5 | 5.9 | 930 |
| | 06-08 | .2 | 6.5 | .3 | .3 | | 7.6 | 7.2 | .2 | | .1 | 7.5 | 930 |
| | 09-11 | .4 | 5.4 | .2 | .5 | | 5.9 | 4.3 | .1 | | .2 | 4.6 | 930 |
| | 12-14 | .6 | 5.4 | | .1 | | 5.5 | 2.9 | .4 | | 2.4 | 5.7 | 930 |
| | 15-17 | .6 | 4.0 | | | .1 | 4.6 | 2.0 | | | 4.4 | 6.5 | 930 |
| | 18-20 | .6 | 2.9 | | .1 | .1 | 3.4 | 2.2 | .1 | | 5.1 | 7.3 | 930 |
| | 21-23 | .9 | 3.4 | | .1 | | 3.5 | 2.9 | .1 | | 3.4 | 6.5 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 4.7 | .1 | .2 | .0 | 5.0 | 3.8 | .1 | | 2.2 | 6.2 | 7440 |

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# WEATHER CONDITIONS

7226 6F — STATION
CYESS AFB TX — STATION NAME
74-83 — 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 | 1.4 | 5.4 | | | | 5.4 | 2.8 | .1 | | 1.7 | 4.6 | 900 |
| | 03-05 | .9 | 4.4 | | | .2 | 4.4 | 4.2 | .2 | | 1.2 | 5.7 | 900 |
| | 06-08 | .4 | 4.1 | | | .1 | 4.1 | 6.8 | .8 | | 1.2 | 8.8 | 900 |
| | 09-11 | .2 | 4.2 | | | .1 | 4.2 | 4.1 | 1.0 | | .7 | 5.8 | 900 |
| | 12-14 | .6 | 3.3 | | | | 3.3 | 1.6 | .4 | | 2.0 | 3.9 | 900 |
| | 15-17 | 1.6 | 4.0 | | | | 4.0 | .9 | .3 | | 3.2 | 4.4 | 900 |
| | 18-20 | 2.6 | 4.8 | | | | 4.8 | 1.8 | | | 4.0 | 5.8 | 900 |
| | 21-23 | 1.4 | 5.7 | | | | 5.7 | 2.1 | | | 2.9 | 5.0 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.1 | 4.5 | | | .1 | 4.5 | 3.0 | .4 | | 2.1 | 5.5 | 7200 |

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# WEATHER CONDITIONS

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY | 00-02 | 2.5 | 5.2 | | | .1 | 5.2 | 1.5 | .1 | | | 1.6 | 930 |
| | 03-05 | 2.2 | 4.6 | | | | 4.6 | 4.4 | | | | 4.4 | 930 |
| | 06-08 | 1.8 | 5.3 | | | | 5.3 | 5.1 | .4 | | | 5.4 | 930 |
| | 09-11 | 1.2 | 4.3 | | | | 4.3 | 2.5 | .3 | | | 2.6 | 930 |
| | 12-14 | 1.3 | 4.5 | | | .1 | 4.5 | 1.5 | .2 | | | 1.7 | 930 |
| | 15-17 | 3.2 | 4.0 | | | | 4.0 | .9 | | | .5 | 1.4 | 930 |
| | 18-20 | 4.1 | 4.6 | | | .1 | 4.6 | .3 | | | .3 | .6 | 927 |
| | 21-23 | 4.5 | 4.7 | | | | 4.7 | 1.0 | .1 | | | 1.1 | 927 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.6 | 4.7 | | | .0 | 4.7 | 2.2 | .1 | | .1 | 2.4 | 7439 |

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# WEATHER CONDITIONS

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN | 00-02 | 3.2 | 4.0 | | | | 4.0 | 1.3 | .2 | | .3 | 1.9 | 900 |
| | 03-05 | 3.0 | 4.8 | | | | 4.8 | 1.6 | .3 | | .2 | 2.3 | 900 |
| | 06-08 | 1.* | 2.2 | | | | 2.2 | 2.7 | .3 | | | 2.8 | 900 |
| | 09-11 | .7 | 1.4 | | | | 1.4 | .7 | | | | .7 | 900 |
| | 12-14 | .7 | 1.9 | | | | 1.9 | .4 | .1 | | | .6 | 900 |
| | 15-17 | 2.9 | 3.1 | | | | 3.1 | | | | | | 900 |
| | 18-20 | 3.9 | 3.7 | | | .1 | 3.7 | | | | | | 900 |
| | 21-23 | 3.7 | 4.3 | | | | 4.3 | .4 | | | .3 | .8 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.4 | 3.2 | | | .0 | 3.2 | .9 | .1 | | .1 | 1.1 | 7200 |

GLOBAL CLIMATOLOGY BRANCH
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# WEATHER CONDITIONS

722665 (STATION) GYESS AFB TX (STATION NAME) 73-82 (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 | 1.5 | 2.2 | | | | 2.2 | .2 | .8 | | | 1.0 | 930 |
| | 03-05 | 1.0 | 3.1 | | | | 3.1 | .5 | .8 | | | 1.3 | 930 |
| | 06-08 | .8 | 3.3 | | | | 3.3 | 1.8 | 1.8 | | | 3.4 | 930 |
| | 09-11 | .3 | 2.7 | | | | 2.7 | .6 | .9 | | | 1.6 | 930 |
| | 12-14 | 1.7 | 4.0 | | | | 4.0 | .4 | .1 | | | .5 | 930 |
| | 15-17 | 4.2 | 4.8 | | | | 4.8 | | | | | | 930 |
| | 18-20 | 2.5 | 4.9 | | | | 4.9 | | .2 | | | .2 | 930 |
| | 21-23 | 1.7 | 2.3 | | | | 2.3 | | | | | | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.7 | 3.4 | | | | 3.4 | .5 | .6 | | | 1.0 | 7440 |

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

72266 DYESS AFB TX 73-82 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG | 00-02 | 1.3 | 2.6 | | | | 2.6 | .8 | | | | .8 | 930 |
| | 03-05 | 1.5 | 3.1 | | | | 3.1 | 1.4 | | | | 1.4 | 930 |
| | 06-08 | 1.2 | 3.0 | | | | 3.0 | 2.6 | .1 | | | 2.9 | 930 |
| | 09-11 | .5 | 3.1 | | | | 3.1 | 1.2 | .1 | | | 1.3 | 930 |
| | 12-14 | 1.4 | 2.3 | | | | 2.3 | .5 | .1 | | | .6 | 930 |
| | 15-17 | 2.9 | 4.2 | | | | 4.2 | .1 | | | | .1 | 930 |
| | 18-20 | 2.5 | 3.1 | | | | 3.1 | | | | .1 | .1 | 930 |
| | 21-23 | 1.5 | 2.5 | | | | 2.5 | .2 | | | | .2 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.6 | 3.0 | | | | 3.0 | .9 | .0 | | .0 | .9 | 7440 |

GLOBAL CLIMATOLOGY BRANCH
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# WEATHER CONDITIONS

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP | 00-02 | .2 | 8.0 | | | | 8.4 | 4.7 | .3 | | | 5.0 | 900 |
| | 03-05 | .1 | 7.7 | | | | 7.7 | 7.9 | .2 | | | 8.4 | 900 |
| | 06-08 | .6 | 9.8 | | | | 9.8 | 10.6 | .4 | | | 11.0 | 900 |
| | 09-11 | .1 | 7.8 | | | | 7.8 | 5.6 | .8 | | | 6.4 | 900 |
| | 12-14 | .7 | 7.7 | | | | 7.7 | 2.6 | | | | 2.6 | 900 |
| | 15-17 | 1.7 | 7.8 | | | | 7.8 | 2.0 | .6 | | | 2.6 | 900 |
| | 18-20 | 1.8 | 8.0 | | | | 8.0 | 2.6 | .7 | | | 3.2 | 900 |
| | 21-23 | 1.2 | 6.9 | | | | 6.9 | 1.8 | .3 | | | 2.1 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .8 | 8.0 | | | | 8.0 | 4.8 | .4 | | | 5.1 | 7200 |

GLOBAL CLIMATOLOGY BRANCH
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# WEATHER CONDITIONS

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT | 00-02 | 1.8 | 4.9 | | | | 4.9 | 2.8 | | | | 2.8 | 930 |
| | 03-05 | 1.4 | 7.0 | | | | 7.0 | 3.9 | | | .1 | 4.0 | 930 |
| | 06-08 | .5 | 6.5 | | | | 6.5 | 6.3 | .4 | | .3 | 6.9 | 930 |
| | 09-11 | .8 | 5.3 | | | | 5.3 | 3.3 | .3 | | .5 | 4.0 | 930 |
| | 12-14 | .6 | 5.6 | | | .1 | 5.6 | 1.5 | .2 | | .3 | 2.0 | 930 |
| | 15-17 | .6 | 5.6 | | | | 5.6 | 1.9 | | | .2 | 2.2 | 930 |
| | 18-20 | .5 | 4.7 | | | | 4.7 | 2.5 | .3 | | | 2.6 | 930 |
| | 21-23 | 1.2 | 5.3 | | | | 5.3 | 2.3 | .1 | | | 2.3 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .9 | 5.6 | | | .0 | 5.6 | 3.1 | .2 | | .2 | 3.4 | 7440 |

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# WEATHER CONDITIONS

722565 (STATION) GYESS AFB TX (STATION NAME) 73-82 (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 | .7 | 5.6 | .4 | 1.1 | | 6.6 | 5.4 | | | .1 | 5.6 | 900 |
| | 03-05 | .2 | 6.3 | | .9 | | 6.9 | 7.6 | | | .1 | 7.7 | 900 |
| | 06-08 | .1 | 6.0 | | 1.1 | | 6.6 | 9.3 | .2 | | | 9.4 | 900 |
| | 09-11 | | 5.2 | | 1.4 | | 6.2 | 8.0 | .4 | | | 8.4 | 900 |
| | 12-14 | .1 | 4.1 | | 1.2 | | 5.0 | 4.3 | .4 | | .3 | 5.1 | 900 |
| | 15-17 | .2 | 3.7 | .1 | .6 | | 4.4 | 4.1 | | | .4 | 4.6 | 900 |
| | 18-20 | .3 | 3.4 | .4 | .7 | | 4.6 | 4.4 | | | .3 | 4.8 | 900 |
| | 21-23 | .3 | 4.2 | .3 | 1.2 | | 5.8 | 4.7 | | | .3 | 5.0 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .2 | 4.8 | .2 | 1.1 | | 5.6 | 6.0 | .1 | | .2 | 6.3 | 7200 |

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

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# WEATHER CONDITIONS

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L S T) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEC | 00-02 | .2 | 3.8 | 1.0 | .8 | | 5.5 | 4.1 | | | .4 | 4.5 | 930 |
| | 03-05 | | 4.1 | 1.2 | .6 | | 5.8 | 4.9 | | | .3 | 5.3 | 930 |
| | 06-08 | | 4.3 | .9 | .9 | | 5.6 | 6.6 | | | .2 | 6.8 | 930 |
| | 09-11 | | 3.0 | .6 | 1.1 | | 4.5 | 5.9 | | | .1 | 6.0 | 930 |
| | 12-14 | | 2.7 | .5 | 1.0 | | 4.0 | 3.5 | .2 | | .9 | 4.5 | 930 |
| | 15-17 | | 3.8 | 1.0 | .2 | | 4.8 | 2.4 | .1 | | 1.8 | 4.3 | 930 |
| | 18-20 | | 2.0 | 1.0 | .6 | | 3.7 | 4.2 | | | 1.0 | 5.2 | 930 |
| | 21-23 | | 2.6 | .5 | .9 | | 4.0 | 4.1 | | | .5 | 4.6 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 3.3 | .8 | .8 | | 4.7 | 4.5 | .0 | | .7 | 5.2 | 7440 |

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# WEATHER CONDITIONS

722665 (STATION) DYESS AFB TX (STATION NAME) 73-83 (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 | .1 | 5.2 | 1.5 | 3.0 | | 9.2 | 9.5 | .1 | .1 | .4 | 10.0 | 7440 |
| FEB | | .3 | 4.9 | 1.0 | 2.7 | | 8.0 | 9.0 | .2 | .1 | 1.4 | 10.9 | 6769 |
| MAR | | .7 | 4.7 | .1 | .2 | .0 | 5.0 | 3.8 | .1 | | 2.2 | 6.2 | 7440 |
| APR | | 1.1 | 4.5 | | | .1 | 4.5 | 3.0 | .4 | | 2.1 | 5.5 | 7200 |
| MAY | | 2.6 | 4.7 | | | .0 | 4.7 | 2.2 | .1 | | .1 | 2.4 | 7439 |
| JUN | | 2.4 | 3.2 | | | .0 | 3.2 | .9 | .1 | | .1 | 1.1 | 7200 |
| JUL | | 1.7 | 3.4 | | | | 3.4 | .5 | .6 | | | 1.0 | 7440 |
| AUG | | 1.6 | 3.0 | | | | 3.0 | .9 | .0 | | .0 | .9 | 7440 |
| SEP | | .8 | 6.0 | | | | 8.0 | 4.8 | .4 | | | 5.1 | 7200 |
| OCT | | .9 | 5.6 | | | .0 | 5.6 | 3.1 | .2 | | .2 | 3.4 | 7440 |
| NOV | | .2 | 4.6 | .2 | 1.1 | | 5.8 | 6.0 | .1 | | .2 | 6.3 | 7200 |
| DEC | | .0 | 3.3 | .8 | .8 | | 4.7 | 4.5 | .0 | | .7 | 5.2 | 7440 |
| TOTALS | | 1.0 | 4.6 | .3 | .7 | .0 | 5.4 | 4.0 | .2 | .0 | .6 | 4.8 | 87643 |

# 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

722665 | LYONS AFB TX | 56-87 | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY 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 | DAILY | 3.0 | 23.5 | 7.2 | 12.2 | | 28.1 | 22.0 | 1.6 | 1.1 | .4 | 22.9 | 837 |
| FEB | | 4.5 | 26.1 | 6.2 | 9.8 | .7 | 31.1 | 22.6 | 3.0 | .9 | .8 | 24.7 | 762 |
| MAR | | 8.5 | 26.0 | 1.3 | 4.3 | 1.7 | 27.8 | 14.8 | 1.8 | .4 | .4 | 16.4 | 837 |
| APR | | 17.0 | 30.2 | .2 | .1 | 3.6 | 30.2 | 14.4 | 2.1 | | .4 | 15.6 | 810 |
| MAY | | 24.7 | 36.3 | | | 3.7 | 36.3 | 12.6 | 1.4 | | | 13.5 | 868 |
| JUN | | 19.0 | 27.0 | | | 1.4 | 27.0 | 5.9 | .7 | | .1 | 6.5 | 810 |
| JUL | | 15.3 | 21.9 | | | .2 | 21.9 | 3.2 | 1.7 | | .1 | 4.4 | 836 |
| AUG | | 17.9 | 26.5 | | | .4 | 26.5 | 4.9 | 1.2 | | .1 | 5.5 | 837 |
| SEP | | 12.1 | 30.9 | | | .4 | 30.9 | 15.1 | 2.5 | | | 16.2 | 810 |
| OCT | | 9.1 | 24.7 | | .2 | .6 | 24.7 | 14.7 | 1.6 | | | 15.1 | 837 |
| NOV | | 3.7 | 24.1 | .7 | 2.7 | .6 | 25.0 | 16.8 | 1.0 | | .1 | 17.1 | 809 |
| DEC | | 1.9 | 22.1 | 4.7 | 6.2 | .6 | 23.8 | 18.0 | 1.9 | .1 | .4 | 18.6 | 837 |
| TOTALS | | 11.3 | 26.4 | 1.7 | 3.0 | 1.2 | 27.8 | 13.8 | 1.7 | .2 | .2 | 14.7 | 9890 |

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# PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
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# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

72565 DYE'S AFB TX 43-45, 56-83
STATION STATION NAME YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO OF OBS | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PREC P | NONE | TRACE | 01 | 02 05 | 06 10 | 11 25 | 26 50 | 51 1 00 | 1 01 2 50 | 2 51 5 00 | 5 01 10 00 | 10 01 20 00 | OVER 20 00 | | | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0 1 0 4 | 0 5 1 4 | 1 5 2 4 | 2 5 3 4 | 3 5 4 4 | 4 5 6 4 | 6 5 10 4 | 10 5 15 4 | 15 5 25 4 | 25 5 50 4 | OVER 50 4 | | | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4 6 | 7 12 | 13 24 | 25 36 | 37 48 | 49 60 | 61 120 | OVER 120 | | | | | | | |
| JAN | 72.0 | 12.0 | 2.4 | 3.8 | 2.7 | 3.0 | 1.9 | 1.1 | 1.1 | | | | | | | | 16.0 | 899 | 1.15 | 5.70 | .01 |
| FEB | 69.1 | 14.4 | 2.4 | 4.5 | 2.3 | 2.9 | 2.2 | 2.1 | .2 | | | | | | | | 17.5 | 819 | 1.07 | 3.49 | TRACE |
| MAR | 71.2 | 13.2 | 1.9 | 3.7 | 1.8 | 3.4 | 1.9 | 2.3 | .7 | | | | | | | | 15.6 | 899 | 1.24 | 3.98 | .06 |
| APR | 69.2 | 10.6 | 1.6 | 3.7 | 2.8 | 3.4 | 3.1 | 3.7 | 1.5 | .1 | .1 | | | | | | 20.0 | 870 | 2.37 | 10.19 | TRACE |
| MAY | 62.6 | 13. | 2.2 | 4.0 | 2.7 | 5.1 | 3.1 | 4.1 | 2.9 | .2 | | | | | | | 24.2 | 930 | 3.25 | 14.70 | .21 |
| JUN | 72.4 | 16.0 | 1.4 | 1.8 | 1.4 | 3.2 | 3.7 | 4.1 | 1.6 | .3 | | | | | | | 17.6 | 870 | 2.56 | 7.38 | TRACE |
| JUL | 76.3 | 8.8 | .9 | 2.0 | 1.6 | 2.8 | 2.7 | 2.7 | 2.1 | .1 | .1 | | | | | | 14.9 | 899 | 2.37 | 8.57 | TRACE |
| AUG | 73.2 | 9.6 | 1.1 | 3.2 | 2.2 | 3.1 | 2.7 | 2.3 | 2.8 | | .1 | | | | | | 17.2 | 899 | 2.58 | 8.92 | TRACE |
| SEP | 69.7 | 9.8 | 2.2 | 2.6 | 2.1 | 4.1 | 3.1 | 2.9 | 2.8 | .8 | | | | | | | 20.6 | 870 | 3.23 | 10.92 | TRACE |
| OCT | 75.1 | 7.2 | 1.7 | 2.3 | 1.3 | 4.7 | 2.6 | 2.6 | 2.3 | .2 | | | | | | | 17.7 | 899 | 2.54 | 9.73 | .22 |
| NOV | 75.2 | 9.8 | 1.5 | 2.4 | 3.1 | 3.1 | 3.1 | 1.0 | .9 | .1 | | | | | | | 15.1 | 870 | 1.24 | 4.44 | .01 |
| DEC | 74.9 | 10.4 | 1.8 | 3.2 | 2.6 | 2.8 | 2.2 | 1.5 | .5 | | | | | | | | 14.6 | 930 | .97 | 3.25 | .01 |
| ANNUAL | 71.7 | 10.7 | 1.8 | 3.1 | 2.2 | 3.5 | 2.7 | 2.5 | 1.6 | .1 | .0 | | | | | | 17.6 | 10654 | 24.57 | | |

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

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# EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

7226b5 (STATION) DYESS AFB TX (STATION NAME) 43-45, 56-83 (YEARS)

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | | | | | | | | | | | | .4 | |
| 44 | .36 | 1.55 | .66 | .40 | 1.70 | .71 | 1.61 | 1.10 | .83 | 2.05 | .54 | .74 | 2.05 |
| 45 | .17 | .40 | 1.12 | .39 | 1.16 | 2.67 | 1.48 | 2.13 | .97 | 1.39 | .55 | .64 | 2.67 |
| 56 | | | | | .11 | TRACE | .34 | .05 | .04 | 1.10 | .34 | .70 | |
| 57 | .34 | .86 | .47 | 5.90 | 2.02 | .71 | .53 | .17 | 2.34 | 2.07 | .56 | .24 | 5.90 |
| 58 | .35 | .98 | .41 | 1.68 | 1.48 | 1.55 | .74 | 1.21 | 2.46 | .37 | .20 | .12 | 2.46 |
| 59 | .12 | .18 | .13 | .28 | 1.00 | .91 | 2.74 | .51 | .73 | 4.83 | .42 | .54 | 4.83 |
| 60 | 1.12 | .37 | .22 | .20 | 1.10 | .60 | 2.08 | 1.55 | 1.04 | 1.31 | .01 | 1.06 | 2.08 |
| 61 | 1.95 | .72 | .22 | TRACE | .92 | 1.71 | .74 | .37 | 3.35 | .61 | 1.21 | .12 | 3.35 |
| 62 | .11 | .02 | .74 | .91 | .46 | 1.50 | 2.43 | 1.29 | 1.70 | .95 | .28 | .56 | 2.43 |
| 63 | .03 | .37 | .07 | .95 | 4.59 | .53 | .23 | 1.19 | .45 | .36 | 1.19 | .11 | 4.59 |
| 64 | 1.03 | 1.48 | .93 | 1.31 | .45 | .56 | .50 | 2.11 | .88 | .61 | 1.19 | .18 | 2.11 |
| 65 | .66 | .51 | .17 | 1.91 | 2.11 | .64 | .52 | .72 | 2.51 | 2.07 | 1.58 | .31 | 2.51 |
| 66 | .23 | .39 | .23 | 2.81 | .21 | 1.06 | .11 | 1.07 | 1.26 | 1.95 | .24 | .06 | 2.81 |
| 67 | .03 | .14 | .91 | .39 | 1.87 | 2.16 | .95 | TRACE | 2.57 | 1.72 | 1.43 | .9 | 2.57 |
| 68 | 1.71 | .70 | 1.19 | .33 | .40 | .72 | 1.43 | 1.10 | .47 | .13 | 1.94 | .12 | 1.94 |
| 69 | .63 | 1.10 | .83 | .87 | 2.94 | 2.06 | TRACE | .71 | 2.54 | .33 | .44 | .98 | 2.94 |
| 70 | .06 | .63 | .70 | .30 | 1.32 | 2.87 | .17 | .25 | 2.00 | .23 | .07 | .16 | 2.87 |
| 71 | .1 | .18 | .06 | 1.93 | 1.35 | .51 | 2.11 | 2.42 | 2.38 | .67 | .34 | .55 | 2.42 |
| 72 | .11 | .2 | .34 | 1.12 | 1.51 | 1.14 | .28 | 2.05 | .56 | 1.53 | .10 | .03 | 2.05 |
| 73 | 1.35 | .81 | .72 | .54 | .27 | 1.06 | 1.16 | .35 | 2.46 | .64 | .06 | .01 | 2.46 |
| 74 | .18 | .68 | 1.05 | 1.07 | .34 | .46 | .13 | 2.46 | 3.43 | 1.69 | .30 | .47 | 3.43 |
| 75 | .18 | .78 | 1.02 | .28 | 1.39 | .62 | 5.54 | 1.04 | 1.10 | .77 | 2.72 | .72 | 5.54 |
| 76 | .01 | TRACE | .11 | 1.13 | .59 | .47 | 1.44 | .90 | 3.03 | 1.37 | .46 | .27 | 3.03 |
| 77 | .61 | .13 | 2.31 | 1.92 | .20 | .79 | 1.69 | 1.12 | TRACE | .75 | .14 | .15 | 2.31 |
| 78 | .22 | .61 | .09 | .92 | .68 | .76 | .95 | 6.78 | 1.05 | 1.06 | .33 | .19 | 6.78 |
| 79 | .44 | .47 | .78 | .61 | 1.26 | 4.33 | .89 | .72 | .14 | .54 | .26 | 1.26 | 4.33 |
| 80 | .49 | .27 | .53 | .05 | 1.86 | .71 | .37 | .94 | 1.56 | .77 | .89 | 1.13 | 1.86 |
| 81 | 1.13 | .92 | 1.58 | .97 | .49 | 2.36 | 2.09 | .82 | .99 | 2.72 | .24 | .15 | 2.72 |
| 82 | .41 | .58 | .37 | .27 | 1.77 | .98 | .84 | 1.32 | .94 | .50 | .90 | .39 | 1.77 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

~~722665~~ STATION ~~YESS AFB TX~~ STATION NAME ~~43-45, 56-83~~ YEARS

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 83 | 1.11 | .12 | .78 | .17 | .82 | | | | | | | | |
| MEAN | .522 | .547 | .646 | 1.091 | 1.212 | 1.212 | 1.174 | 1.258 | 1.509 | 1.217 | .654 | .433 | 3.100 |
| S.D. | .533 | .403 | .510 | 1.129 | .941 | .937 | 1.133 | 1.259 | 1.010 | .962 | .641 | .351 | 1.316 |
| TOTAL OBS. | 899 | 819 | 899 | 870 | 930 | 870 | 899 | 899 | 870 | 899 | 870 | 930 | 10655 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 64 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

722665 CYE S AF, TX 43-45, 56-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | | | | | | | | | | | | 1.75 | |
| 44 | 1.38 | 2.06 | 1.04 | .71 | 5.57 | 1.02 | 3.64 | 2.55 | 1.16 | 2.07 | 1.47 | 2.09 | 24.52 |
| 45 | .34 | 1.72 | 2.97 | 1.39 | 2.96 | 5.33 | 4.69 | 3.75 | 1.42 | 3.73 | .59 | .69 | 29.58 |
| 56 | | | | | .21 | TRACE | .56 | .26 | .05 | 2.58 | .49 | .88 | |
| 57 | .50 | 1.62 | .70 | 10.19 | 14.70 | 1.93 | 1.25 | .34 | 3.85 | 2.99 | 1.72 | .47 | 40.19 |
| 58 | 1.24 | 1.90 | 1.67 | 3.18 | 3.33 | 2.38 | 1.68 | 2.85 | 4.41 | 1.57 | .42 | .11 | 25.14 |
| 59 | .34 | .35 | .13 | .55 | 2.74 | 3.94 | 7.11 | .54 | 1.37 | 5.20 | .45 | 1.70 | 24.17 |
| 60 | 2.23 | .70 | .24 | 1.95 | 1.71 | 1.80 | 2.97 | 3.91 | 1.42 | 3.43 | .01 | 3.25 | 23.62 |
| 61 | 3.93 | 1.66 | .69 | TRACE | 1.87 | 7.38 | 4.36 | .63 | 6.03 | 1.29 | 3.67 | .31 | 31.84 |
| 62 | .13 | .03 | 1.47 | 2.03 | .55 | 5.56 | 4.22 | 1.37 | 3.40 | 1.15 | .56 | 1.01 | 21.38 |
| 63 | .04 | .49 | .07 | 1.76 | 9.07 | 1.23 | .40 | 3.14 | .50 | .44 | 2.17 | .35 | 19.66 |
| 64 | 2.11 | 2.48 | 1.62 | 2.41 | 1.26 | 1.00 | .50 | 4.94 | 1.87 | 1.06 | 2.01 | .19 | 21.65 |
| 65 | 1.17 | 1.36 | .22 | 3.16 | 6.58 | 2.42 | .69 | 1.29 | 7.31 | 3.06 | 1.62 | .95 | 28.83 |
| 66 | .78 | .78 | .51 | 7.39 | .63 | 2.16 | .11 | 4.92 | 3.18 | 2.23 | .25 | .10 | 22.97 |
| 67 | .03 | .15 | 1.04 | .38 | 2.99 | 3.22 | 1.79 | TRACE | 5.07 | 2.63 | 3.09 | 1.49 | 22.48 |
| 68 | 5.31 | 3.49 | 2.69 | 2.51 | 1.80 | 1.04 | 2.77 | 1.44 | .83 | .22 | 4.44 | .21 | 26.78 |
| 69 | .63 | 1.94 | 2.40 | 2.45 | 6.37 | 2.89 | TRACE | 1.49 | 5.56 | 1.61 | 1.30 | 2.04 | 28.73 |
| 70 | .10 | 1.54 | 1.80 | 1.97 | 3.76 | 2.87 | .17 | .46 | 3.43 | .72 | .37 | .26 | 17.07 |
| 71 | .31 | .23 | .06 | 2.54 | 2.85 | 1.50 | 3.67 | 8.92 | 6.58 | 1.93 | .55 | 1.46 | 32.37 |
| 72 | .27 | .03 | .34 | 1.70 | 2.91 | 3.11 | .40 | 4.87 | 1.44 | 5.71 | .48 | .05 | 21.31 |
| 73 | 3.33 | 1.92 | 2.54 | 1.42 | .72 | 1.79 | 2.18 | .68 | 4.01 | 2.81 | .07 | .21 | 21.51 |
| 74 | .13 | .68 | 1.08 | 2.37 | .69 | .92 | .27 | 5.51 | 10.92 | 5.29 | 1.16 | 1.71 | 32.73 |
| 75 | .51 | 1.74 | 1.39 | .56 | 3.80 | 1.08 | 8.57 | 3.36 | 3.04 | .85 | 2.81 | .77 | 28.49 |
| 76 | .01 | TRACE | .20 | 4.03 | .99 | .71 | 5.93 | 1.33 | 5.02 | 5.47 | .73 | .27 | 24.96 |
| 77 | 1.63 | .16 | 2.41 | 5.36 | .21 | 1.28 | 2.32 | 3.25 | TRACE | 1.96 | .25 | .15 | 19.01 |
| 78 | .65 | 1.29 | .17 | .97 | 1.96 | 2.28 | 1.36 | 7.39 | 3.50 | 1.49 | 1.36 | .29 | 22.01 |
| 79 | 1.05 | .94 | 3.98 | 1.92 | 2.67 | 6.07 | 1.61 | 1.52 | .22 | .54 | .52 | 2.74 | 23.78 |
| 80 | .67 | .51 | .59 | .05 | 4.37 | 1.95 | .37 | 1.52 | 6.54 | .83 | 1.63 | 2.05 | 21.05 |
| 81 | 1.24 | 1.27 | 2.04 | 3.47 | 1.70 | 4.20 | 4.05 | .83 | 1.38 | 9.73 | .41 | .26 | 30.60 |
| 82 | .64 | .71 | .44 | .53 | 6.87 | 3.10 | .86 | 1.97 | 1.22 | 1.13 | 1.68 | 1.72 | 24.87 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**
MONTHLY PRECIPITATION
FROM DAILY OBSERVATIONS

722665 STATION — YEES AFB TX STATION NAME — 43-45, 56-83 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 83 | 3.33 | .19 | 1.61 | .42 | 2.01 | | | | | | | | |
| MEAN | 1.152 | 1.070 | 1.245 | 2.368 | 3.245 | 2.551 | 2.368 | 2.582 | 3.231 | 2.541 | 1.239 | .971 | 25.090 |
| S D | 1.341 | .857 | 1.033 | 2.204 | 3.081 | 1.761 | 2.243 | 2.232 | 2.556 | 2.389 | 1.130 | .896 | 9.959 |
| TOTAL OBS | 899 | 819 | 899 | 870 | 930 | 870 | 899 | 899 | 870 | 899 | 870 | 930 | 10654 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

72265 — STATION
DYESS AFB TX — STATION NAME
56-63 — YEARS

| | AMOUNTS (INCHES) | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

722565 (CYS) CHEYENNE AFB WY (56-83)
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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| 57 | TRACE | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | .0 | 1.4 |
| 58 | 2.3 | 1.0 | 3.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 1. | 3.3 |
| 59 | TRACE | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 |
| 60 | TRACE | .4 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .4 |
| 61 | 1.0 | 3.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | 3.5 |
| 62 | TRACE | TRACE | 5.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 5.0 |
| 63 | .2 | 3.7 | TRACE | .0 | .0 | .1 | .4 | .0 | .0 | .0 | .0 | 1.1 | 3.7 |
| 64 | 2.2 | 1.5 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.2 |
| 65 | .1 | TRACE | TRACE | .0 | .0 | .1 | .2 | .1 | .2 | .2 | .0 | .0 | TRACE |
| 66 | 4.0 | 3.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .2 | .0 | .0 | 4.2 |
| 67 | .1 | TRACE | .1 | .0 | .0 | .0 | .0 | .0 | TRACE | .0* | 1.4 | * | 1.4 |
| 68 | TRACE | 1.5 | 2.2 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | 4.2 | .0 | 4.2 |
| 69 | TRACE | TRACE | TRACE | .0 | .1 | .1 | .0 | .0 | .0 | .0 | TRACE | 2.4 | 2.4 |
| 70 | TRACE | TRACE | 5.8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 |
| 71 | .1 | 1.1 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 1.1 |
| 72 | 1.0 | TRACE | 1.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | TRACE | 1.5 |
| 73 | 7.1 | 2.8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.0 |
| 74 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | TRACE |
| 75 | 2.4 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.5 |
| 76 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.0 | .0 | 5.1 |
| 77 | 2.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | 2.1 |
| 78 | 1.3 | 1.3 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 1.4 |
| 79 | TRACE | 3.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 3.5 |
| 80 | TRACE | 2.1 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 5.7 | .0 | 5.7 |
| 81 | 2.0 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 |
| 82 | 3.4 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 1.0 | 3.4 |
| 83 | 7.8 | TRACE | .0 | .0 | .0 | | | | | | | | |
| MEAN | 1.4 | .95 | .65 | TRACE | .00 | .00 | .00 | .00 | .00 | TRACE | .69 | .27 | 2.79 |
| SD | 2.11 | 1.295 | 1.569 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.605 | .603 | 1.953 |
| TOTAL OBS | 837 | 762 | 835 | 810 | 868 | 810 | 837 | 837 | 810 | 937 | 810 | 81 | 9863 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 80 0-85-6 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

## MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

722665 (STATION) DYESS AFB TX (STATION NAME) 56-83 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| 57 | TRACE | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | .0 | 1.4 |
| 58 | 6.5 | 1.0 | 5.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 1.0 | 13.6 |
| 59 | TRACE | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 |
| 60 | TRACE | .4 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .4 |
| 61 | 1.9 | 6.7 | .1 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | TRACE | .0 | 8.6 |
| 62 | TRACE | TRACE | 5.0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 5.1 |
| 63 | .3 | 4.1 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 5.6 |
| 64 | 2.2 | 1.6 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 3.8 |
| 65 | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 66 | 10.3 | 3.8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.1 |
| 67 | .0 | TRACE | .1 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0* | 1.4 | * 1.5 |
| 68 | TRACE | 3.5* | 2.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.1 | .0 | * 13.8 |
| 69 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 4.1 | 4.1 |
| 70 | TRACE | TRACE | 6.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 |
| 71 | .1 | 1.1 | .6 | .0 | .1 | .0 | .1 | .1 | .0 | .0 | TRACE | TRACE | 1.7 |
| 72 | 1.1 | TRACE | 1.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | TRACE | 4.0 |
| 73 | 18.1 | 2.8 | .1 | .0 | .1 | .1 | .1 | .0 | .0 | .1 | .0 | .0 | 22.9 |
| 74 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | TRACE |
| 75 | 2.1 | TRACE | TRACE | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | TRACE | 2.5 |
| 76 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.0 | .0 | 7.1 |
| 77 | 3.1 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | TRACE | .0 | 3.2 |
| 78 | 1.1 | 1.3 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.6 | 5.1 |
| 79 | TRACE | 3.6 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | TRACE | TRACE | 3.6 |
| 80 | TRACE | 2.4 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 6.5 | .0 | 8.9 |
| 81 | 2.1 | .2 | .0 | .0 | .0 | .1 | .1 | .0 | .1 | .0 | .0 | .0 | 2.2 |
| 82 | 3.4 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 1.0 | 4.4 |
| 83 | 12.2 | TRACE | .0 | .0 | .0 | | | | | | | | |
| MEAN | 2.41 | 1.21 | .75 | TRACE | .00 | .00 | .00 | .00 | .00 | TRACE | .89 | .35 | 5.27 |
| S D | 4.433 | 1.779 | 1.808 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 2.308 | .893 | 5.245 |
| TOTAL OBS | 837 | 762 | 835 | 810 | 868 | 810 | 837 | 837 | 810 | 837 | 810 | 810 | 9863 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 60 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

72265 — STATION
EYESS AFB TX — STATION NAME
43-45, 56-83 — 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 | 01-04 | 05-14 | 15-24 | 25-34 | 35-44 | 45-64 | 65-104 | 105-154 | 155-254 | 255-504 | OVER 504 | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 91.6 | 4.4 | 1.7 | .8 | 1.0 | .1 | .4 | | | | | | | 3.9 | 838 | | | |
| FEB | 93.6 | 3.9 | 1.4 | .5 | .4 | .1 | | | | | | | | 2.5 | 762 | | | |
| MAR | 98.9 | .4 | .4 | .1 | | .2 | | | | | | | | .7 | 837 | | | |
| APR | 100.0 | | | | | | | | | | | | | | 810 | | | |
| MAY | 100.0 | | | | | | | | | | | | | | 868 | | | |
| JUN | 100.0 | | | | | | | | | | | | | | 810 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 837 | | | |
| AUG | 100.0 | | | | | | | | | | | | | | 837 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 810 | | | |
| OCT | 100.0 | | | | | | | | | | | | | | 837 | | | |
| NOV | 97.9 | .9 | .5 | .2 | .2 | .2 | | | | | | | | 1.2 | 810 | | | |
| DEC | 96.9 | 2.2 | .6 | .4 | | | | | | | | | | 1.0 | 837 | | | |
| ANNUAL | 98.2 | 1.0 | .4 | .2 | .1 | .0 | .0 | | | | | | | .8 | 9893 | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

72265 — DYESS AFB TX — 43-45, 56-87
STATION — STATION NAME — YEARS

DAILY SNOW DEPTH IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | | | | | | | | | | | | | |
| 44 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 45 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | | 2 |
| 56 | . | . | . | . | 0 | 0 | 0 | 0 | 0 | 0 | 0 | . | |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 58 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 1 |
| 59 | TRACE | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 60 | 1 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | TRACE |
| 61 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 62 | TRACE | TRACE | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | TRACE | 5 |
| 63 | TRACE | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 1 |
| 64 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 65 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 66 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| 68 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| 69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 70 | 1 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 71 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 72 | TRACE | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 1 |
| 73 | 8 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 74 | TRACE | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | TRACE |
| 75 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 2 |
| 76 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 77 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 78 | 1 | 1 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 79 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 3 |
| 80 | TRACE | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| 81 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 82 | 1 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

72265 — STATION
LUKE AFB AZ — STATION NAME
43-85, 56-83 — YEARS

DAILY SNOW DEPTH IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 93 | 7 | 0 | 0 | 0 | 0 | | | | | | | | |
| MEAN | 1.2 | .8 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .4 | .2 | 2.3 |
| S D | 2.097 | *.227 | 1.455 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.268 | .861 | 3.129 |
| TOTAL OBS | 898 | 819 | 899 | 870 | 930 | 870 | 899 | 899 | 870 | 899 | 870 | 930 | 10653 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 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.

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

C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

72665 — CYS CYS AFB TX — 57-83

STATION — STATION NAME — YEARS

DAILY PEAK GUSTS IN KNOTS

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 57 | | | | | | | | | NNE 43 | 34N | 33 NW | 4 | |
| 58 | NE | 31 NW | 40 NW | 32 NW | 40 NE | 43 NNE | 64 SW | 32 NE | 27 SW | 27 W | 24 NW | 42 W | 22 NNE 64 |
| 59 | SW | 36 NW | 35 NW | 41 NE | 37 WSW | 43 NW | 27 | 41 NE | 33 SW | 25 SW | 31 SW | 40 S | 23 W 43 |
| 60 | | 40 W | 50 WNW | 41 S | 34 S | 38 W | 54 N | 33 S | 30 N | 32 NW | 34 SSW | 36 N | 23 W 52 |
| 61 | N | 36 W | 33 NW | 38 WSW | 48 NW | 36 WNW | 54 N | 32 SE | 28 SSE | *42 N | *42 W | *34 W | *33 W 54 |
| 62 | SSW | 41 S | 37 W | 49 S | 38 S | 38 WNW | *51 SSW | *56 S | *26 NNE | *34 S | *37 SSW | *37 N | *27 SSW *55 |
| 63 | | 37 W | 34 S | 37 NW | 47 SSE | 49 N | 50 N | 33 WSW | *39 ESE | *25 W | *28 NE | 41 SSW | *23 N 50 |
| 64 | W | 42 SSW | 40 W | 42 S | 40 SSE | 39 WNW | 54 E | 32 NNW | 56 N | 33 S | 38 SE | 36 S | 42 SW 58 |
| 65 | SW | 48 S | 38 S | 40 W | 51 SSE | 45 S | 44 E | 30 SE | 36 W | 38 SE | 39 WSW | 35 W | 4 51 |
| 66 | SW | 53 S | 38 NW | 49 NNE | 35 SSE | 40 S | 36 SE | 30 N | 29 N | 32 NNE | 38 SSE | 31 N | 33 SW 53 |
| 67 | | 44 N | 41 N | 43 W | 54 NNE | 50 E | 44 NE | 33 S | 38 E | 43 N | 41 W | 37 S | 4 54 |
| 68 | | 39 N | 38 S | 39 N | 35 SE | 45 S | 3416/ | 37 9/ | 3620/ | 2718/ | 3718/ | 3727/ | 48 27/ 48 |
| 69 | 2 / | 3326/ | 3726/ | 3718/ | 4233/ | 4235/ | 5413/ | 2616/ | 2832/ | 3416/ | 3520/ | 3620/ | 40 35/ 54 |
| 70 | 21/ | 4121/ | 3918/ | 3920/ | 4031/ | 3827/ | 4718/ | 2826* | 3418/ | 3230/ | 3020/ | 4124/ | 46 24/ 48 |
| 71 | 19/ | 4219/ | 3828/ | 4030/ | 3929/ | 4219/ | 4628/ | 3436/ | 3034/ | 3535/ | 4220/ | 3525/ | 47 25/ 47 |
| 72 | 18/ | 4121/ | 3625/ | 3823/ | 4216/ | 3635/ | 5314/ | 3116/ | 29 2/ | 30 2/ | 2829/ | 4429/ | 42 35/ 53 |
| 73 | 24/ | 4017/ | 3327/ | 43 1/ | 3326/ | 4215/ | 3719/ | 33 4/ | 39 1/ | 4418/ | 3517/ | 3918/ | 45 1/ 44 |
| 74 | 27/ | 3727/ | 4732/ | 3429/ | 6020/ | 3831/ | 44 7/ | 4428/ | 3834/ | 2819/ | 3114/ | 4021/ | 27 14/ 82 |
| 75 | 35/ | 4129/ | 4628/ | 4816/ | 4018/ | 4016/ | 4415/ | 31 5/ | 3336/ | 3218/ | 4021/ | 4016/ | 36 25/ 49 |
| 76 | 19/ | 3928/ | 4630/ | 4716/ | 5627/ | 4721/ | 3716/ | 4721/ | 2919/ | 2818/ | 30 3/ | 3018/ | 33 16/ 56 |
| 77 | 3/ | 3728/ | 4425/ | 4415/ | 3225/ | 5017/ | 3421/ | 30 3/ | 3716/ | 36 2/ | 3030/ | 3427/ | 44 25/ 50 |
| 78 | 19/ | 3636/ | 3435/ | 3418/ | 3522/ | 3830/ | 39 5/ | 3311/ | 3218/ | 3136/ | 3720/ | 3029/ | 33 31/ 39 |
| 79 | 21/ | 3629/ | 3818/ | 3825/ | 3828/ | 4235/ | 3836/ | 4236/ | 2929/ | 3224/ | 4329/ | 32 2/ | 35 24/ 43 |
| 80 | 18/ | 3236/ | 3726/ | 41 1/ | 4014/ | 4029/ | 51 3/ | 2516/ | 2619/ | 3218/ | 3223/ | 3217/ | 36 29/ 51 |
| 81 | 29/ | 3836/ | 3329/ | 4519/ | 3831/ | 3918/ | 32 5/ | 4415/ | 22 3/ | 3033/ | 2927/ | 3432/ | 39 29/ 49 |
| 82 | 26/ | 3717/ | 3631/ | 3624/ | 4134/ | 4234/ | 3635/ | 3027/ | 25 4/ | 3836/ | 3717/ | 3636/ | 29 34/ 42 |
| 83 | 17/ | 3929/ | 3234/ | 4433/ | 5034/ | 39 | | | | | | | |
| MEAN | 36.7 | 36.5 | 40.7 | 41.8 | 41.8 | 44.2 | 33.4 | 32.5 | 32.9 | 34.1 | 36.3 | 37.6 | 51.1 |
| S D | 9.243 | 4.752 | 4.557 | 7.321 | 4.401 | 3.365 | 5.601 | 7.353 | 5.026 | 4.838 | 9.747 | 6.381 | 5.9 1 |
| TOTAL OBS | 803 | 733 | 802 | 779 | 802 | 729 | 760 | 747 | 764 | 793 | 768 | 793 | 9272 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 04 0-88-5 (OLA)

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

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

# SURFACE WINDS

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

...5 — STATION — ...YESS AFB, IA — STATION NAME — 74-5... — YEARS — 1 — MONTH

ALL — CLASS — ...AT... — HOURS (L S T)

CONDITION

| SPEED (KNTS) DIR | 1 - 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 | 3.3 | 3.5 | 3.7 | | | | | | | | 11.... | ...5 |
| NNE | .5 | 1.3 | 1.2 | .2 | | | | | | | | .4 | 7.. |
| NE | .2 | .2 | .3 | .4 | | | | | | | | .... | 6.. |
| ENE | .5 | .2 | | | | | | | | | | 1.2 | ... |
| E | 1.1 | .1 | .1 | .2 | | | | | | | | .3 | 5.4 |
| ESE | .4 | 1.1 | .1 | | | | | | | | | 1.. | 5.4 |
| SE | .2 | .. | 1.1 | .2 | | | | | | | | .3 | 4.1 |
| SSE | 1.2 | 1.7 | 1.3 | 1.1 | .1 | | | | | | | 2.. | 5.7 |
| S | 2.. | 3.. | 4.1 | 4.1 | 1.2 | .1 | | | | | | 1.1 | 5.1 |
| SSW | 1.2 | 2.2 | 2.2 | 3.7 | .4 | | | | | | | 1.1 | 5.. |
| SW | 1.. | 1.4 | 1.2 | 1.4 | .2 | | | | | | | .3 | 7.. |
| WSW | 1.1 | 1.1 | 1.1 | .7 | | | | | | | | .3 | ... |
| W | .. | 1.2 | 1.2 | .5 | .2 | | | | | | | .3 | 7.7 |
| WNW | .. | 2.3 | .4 | | | | | | | | | .4 | 5.. |
| NW | 1.2 | 2.2 | .2 | .1 | | | | | | | | .1 | 5.2 |
| NNW | 1.2 | .7 | .5 | .2 | | | | | | | | .1 | ... |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.7 | |
| | 1.0 | 26.. | 1.3 | 1.4 | 2.2 | .1 | | | | | | ... | ... |

TOTAL NUMBER OF OBSERVATIONS ...7

USAFETAC FORM 0-64 1 OCT 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 79-83 MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

| SPEED (KNOTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 4.6 | 4.5 | 2.6 | .5 | | .1 | | | | | 14.3 | 6.5 |
| NNE | .9 | 1.7 | 1.1 | 1.1 | .3 | | | | | | | 4.2 | 6.8 |
| NE | .3 | .4 | .2 | | | | | | | | | .9 | 5.0 |
| ENE | 1.0 | 1.1 | .2 | | | | | | | | | .7 | 3.9 |
| E | .3 | .2 | .1 | | | | | | | | | .6 | 4.6 |
| ESE | .2 | .2 | .2 | | | | | | | | | .5 | 4.0 |
| SE | .4 | 1.1 | 1.0 | .2 | .1 | | | | | | | 2.8 | 5.6 |
| SSE | .4 | 1.4 | 1.5 | 1.2 | | | | | | | | 4.5 | 6.1 |
| S | 1.4 | 4.3 | 2.8 | 1.4 | .2 | | | | | | | 10.2 | 5.9 |
| SSW | 1.3 | 2.3 | 2.3 | 1.3 | .4 | | | | | | | 7.6 | 6.1 |
| SW | 1.4 | 1.7 | 1.4 | .5 | .2 | | | | | | | 5.2 | 5.8 |
| WSW | 1.1 | 1.0 | 1.8 | .6 | | | | | | | | 4.1 | 6.1 |
| W | 2.0 | 2.4 | 2.4 | 1.6 | .1 | | | | | | | 8.7 | 6.2 |
| WNW | 1.0 | 2.2 | .6 | .4 | | | | | | | | 4.2 | 5.5 |
| NW | 1.7 | 1.7 | .5 | .3 | | | | | | | | 4.2 | 5.7 |
| NNW | 1.2 | 1.3 | 1.1 | .7 | .2 | | | | | | | 4.6 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13. | |
| | 1.8 | 4.7 | 22.2 | 13.5 | 2.7 | .1 | | | | | | 100. | 5.6 |

TOTAL NUMBER OF OBSERVATIONS _____

...L CLIMATOLOGY BRANCH
...AC
...ATHER SERVICE/MAC

# SURFACE WINDS

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

...ELS AFB TX — STATION NAME — ...-64 — YEARS — ... — MONTH

... — 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 | 1.3 | 3.1 | 6.7 | 3.3 | .4 | | .2 | | | | | 1.1 | ... |
| NNE | .4 | .5 | 1.4 | 1.2 | .4 | .2 | | | | | | .4 | 1.1 |
| NE | .3 | .. | .3 | | | | | | | | | .3 | ... |
| ENE | .4 | .7 | .2 | | | | | | | | | .7 | 4.2 |
| E | .6 | 1.2 | .5 | | | | | | | | | 2.4 | 4.7 |
| ESE | .5 | 1.4 | .4 | | | | | | | | | 2.4 | 4.. |
| SE | .6 | .6 | .5 | .1 | .1 | | | | | | | .. | .. |
| SSE | 1.4 | 1.. | .4 | .2 | .2 | | | | | | | 2.. | 6.2 |
| S | 1.8 | 3.7 | 3.2 | 2.4 | .5 | | | | | | | 1..3 | .. |
| SSW | 2.3 | 1.3 | 1.4 | 2.2 | .2 | | | | | | | 7.3 | 7.7 |
| SW | 1.4 | .6 | 1.7 | 1.2 | | | | | | | | 4.. | 7.. |
| WSW | 1.3 | .. | 1.2 | .2 | | | | | | | | 2.9 | .. |
| W | 2.3 | 3.2 | 1.3 | 1.1 | | | | | | | | 7.. | 6.1 |
| WNW | 1.2 | 2.. | 1.2 | .3 | | | | | | | | 4.. | .. |
| NW | .4 | 1.3 | .2 | .6 | .1 | | | | | | | .2 | 7.3 |
| NNW | 1.2 | 1.. | .5 | .2 | | | | | | | | 4.2 | .. |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.. | |
| | 1..3 | 24.3 | 32.7 | 14.1 | 2.. | .2 | .2 | | | | | 1..0 | ... |

TOTAL NUMBER OF OBSERVATIONS ...

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] STATION  KYES AFB, TX STATION NAME  74-83 YEARS  JA MONTH

ALL WEATHER CLASS  00-11 HOURS (L.S.T.)

CONDITION

| SPEED KNTS DIR | 1 - 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 | 4.1 | 6.2 | 5.2 | 1.2 | .1 | | | | | | 1[illegible] | [illegible] |
| NNE | .6 | 1.2 | 2.5 | 1.4 | .6 | | | | | | | 5.9 | [illegible] |
| NE | .4 | 1.5 | 1.0 | | .1 | | | | | | | [illegible] | [illegible] |
| ENE | .4 | .4 | .6 | | | | | | | | | 1.[illegible] | [illegible] |
| E | .5 | .9 | .5 | .2 | | | | | | | | 2.4 | [illegible] |
| ESE | .5 | 1.2 | .9 | | | | | | | | | [illegible] | [illegible] |
| SE | 1.2 | 1.4 | .9 | | | | | | | | | 3.4 | 4.9 |
| SSE | 1.5 | 1.1 | 1.5 | .9 | .2 | | | | | | | [illegible] | 7.4 |
| S | 1.4 | 2.7 | 3.8 | 3.1 | 1.2 | .3 | | | | | | 12.5 | [illegible] |
| SSW | .5 | .9 | 1.8 | 2.3 | .8 | .1 | | | | | | 7.4 | 11.2 |
| SW | 1.4 | .5 | 1.2 | 1.7 | .1 | | | | | | | 4.9 | [illegible] |
| WSW | .3 | .5 | 1.4 | 1.2 | .2 | .1 | | | | | | 3.5 | 1[illegible] |
| W | 1.2 | 1.1 | 2.0 | 1.6 | .3 | .1 | | | | | | 6.1 | 5.6 |
| WNW | .5 | 1.6 | 1.2 | 1.2 | | | | | | | | 4.6 | 7.6 |
| NW | 1.2 | 1.4 | 2.3 | .5 | .1 | | | | | | | [illegible] | 6.8 |
| NNW | 1.2 | 1.2 | 2.3 | .8 | .2 | .2 | | | | | | 6.3 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.2 | |
| | 14.5 | 21.1 | 30.1 | 21.1 | 5.1 | 1.0 | | | | | | 1[illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] STATION | EYES AFB IX STATION NAME | 74-83 YEARS | JAN MONTH

ALL WEATHER CLASS | [illegible] HOURS (L S T)

CONDITION

| SPEED KNTS. DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 2.6 | 6.9 | 5.8 | 1.4 | | | | | | | [illegible] | [illegible] |
| NNE | 1.0 | 1.6 | 2.3 | 1.6 | .8 | | | | | | | [illegible] | [illegible] |
| NE | .8 | 1.2 | 1.2 | .2 | .2 | | | | | | | [illegible] | [illegible] |
| ENE | .3 | 1.2 | 1.3 | .1 | | | | | | | | [illegible] | [illegible] |
| E | 1.2 | .6 | .8 | | | | | | | | | [illegible] | [illegible] |
| ESE | .4 | .2 | .5 | | | | | | | | | [illegible] | [illegible] |
| SE | .3 | 1.3 | 1.2 | .1 | | | | | | | | [illegible] | [illegible] |
| SSE | .8 | 1.1 | .5 | .8 | .3 | .1 | | | | | | [illegible] | [illegible] |
| S | .3 | 2.5 | 4.6 | 4.0 | .8 | .1 | | | | | | [illegible] | [illegible] |
| SSW | .4 | 1.2 | 3.2 | 3.9 | .8 | .2 | | | | | | [illegible] | [illegible] |
| SW | .3 | .4 | 2.2 | 2.2 | .4 | | | | | | | [illegible] | [illegible] |
| WSW | .3 | 1.2 | 1.6 | 1.6 | .6 | .2 | | | | | | [illegible] | [illegible] |
| W | .5 | 1.6 | 1.8 | 1.7 | .3 | .2 | | | | | | [illegible] | [illegible] |
| WNW | .4 | .3 | .8 | 1.9 | .2 | | | | | | | [illegible] | [illegible] |
| NW | .4 | 1.2 | 1.9 | 1.2 | | | | | | | | [illegible] | [illegible] |
| NNW | .1 | 1.1 | 2.7 | 1.7 | .5 | .1 | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.5 | |
| | 9.7 | 19.1 | 32.9 | 26.5 | 6.3 | 1.0 | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

(12956) (STATION) LYELLS AFB TX (STATION NAME) 74-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1200-1700 (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 | 3.5 | 4.9 | 5.8 | .8 | | | | | | | 15.6 | 9.7 |
| NNE | 1.2 | 1.8 | 2.3 | 3.3 | .1 | | | | | | | 8.7 | 8.5 |
| NE | .9 | 1.7 | 1.3 | .7 | | | | | | | | 4.6 | 6.2 |
| ENE | .6 | .8 | .3 | .1 | .1 | | | | | | | 1.9 | 5.4 |
| E | .5 | 1.2 | 1.2 | | | | | | | | | 2.8 | 5.9 |
| ESE | .5 | .4 | .6 | .1 | | | | | | | | 1.7 | 5.8 |
| SE | .9 | 1.4 | .5 | .1 | | | | | | | | 2.9 | 4.8 |
| SSE | .5 | 1.6 | 1.4 | 1.1 | | | | | | | | 4.8 | 7.7 |
| S | .9 | 3.1 | 6.5 | 3.9 | .6 | | | | | | | 14.9 | 9.2 |
| SSW | .2 | 1.1 | 3.5 | 2.7 | .3 | | | | | | | 7.8 | 10.1 |
| SW | .6 | .5 | 2.2 | 2.3 | .3 | | | | | | | 5.9 | 9.4 |
| WSW | .1 | 1.1 | 2.4 | 1.1 | .2 | | | | | | | 4.8 | 8.6 |
| W | 1.0 | 1.0 | 2.5 | .8 | .4 | .2 | | | | | | 5.8 | 8.1 |
| WNW | .8 | .8 | 1.4 | .6 | | | | | | | | 3.6 | 7.2 |
| NW | .5 | .5 | 1.2 | 1.1 | .1 | | | | | | | 3.7 | 8.1 |
| NNW | 1.1 | 1.9 | 2.0 | 1.3 | .3 | | | | | | | 6.7 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.3 | |
| | 11.1 | 22.4 | 34.2 | 24.5 | 7.3 | .2 | | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS 92...

USAFETAC FORM 0-8-4 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

03966 (STATION) LYESS AFB TX (STATION NAME) 74-83 (YEARS) JA (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

| SPEED KNTS / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.3 | 5.7 | 4.9 | 2.7 | | | | | | | | 15.1 | 7.1 |
| NNE | .6 | 1.4 | 3.2 | 1.2 | .3 | | | | | | | 6.8 | 8.7 |
| NE | .6 | 1.4 | .9 | .4 | | | | | | | | 3.3 | 6.2 |
| ENE | .4 | .5 | .4 | .1 | | | | | | | | 1.5 | 6.3 |
| E | .9 | 1.9 | 1.2 | | | | | | | | | 4. | 5.4 |
| ESE | .6 | 2.3 | .8 | | | | | | | | | 3.7 | 5.3 |
| SE | .5 | 1.7 | 1.5 | .1 | | | | | | | | 3.9 | 6.3 |
| SSE | 1.5 | 2.6 | 1.6 | .8 | | | | | | | | 6.3 | 6.6 |
| S | 3.7 | 7.1 | 3.9 | 2.3 | | | | | | | | 16.9 | 6.2 |
| SSW | 2.7 | 3.5 | 1.0 | .3 | | | | | | | | 7.5 | 4.7 |
| SW | 2.2 | 1.9 | .4 | | | | | | | | | 4.5 | 3.5 |
| WSW | .8 | 1.2 | .4 | .1 | | | | | | | | 2.5 | 4.8 |
| W | 1.1 | 1.3 | .4 | .3 | .1 | | | | | | | 3.2 | 6.1 |
| WNW | 1.3 | .9 | | .3 | .1 | | | | | | | 2.6 | 5.5 |
| NW | 1.1 | .1 | .2 | .3 | | | | | | | | 1.7 | 5.1 |
| NNW | 1.1 | .9 | .9 | .5 | | | | | | | | 3.3 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.2 | |
| | 21.3 | 34.1 | 21.7 | 9.1 | .5 | | | | | | | 100. | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 932

USAFETAC FORM JUL 68 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72265 (STATION) EYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 21-2-23 (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR | 1 - 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 | 3.2 | 4.2 | 2.3 | | | | | | | | 10.7 | 7.8 |
| NNE | .6 | 1.7 | 2.3 | .8 | .1 | | | | | | | 5.6 | 7.6 |
| NE | 1.2 | 1.1 | 1.3 | .1 | | | | | | | | 3.7 | 5.6 |
| ENE | .3 | .4 | .4 | | | | | | | | | 1.2 | 5.6 |
| E | .8 | 1.0 | 1.0 | | | | | | | | | 2.7 | 5.3 |
| ESE | 1.0 | 2.2 | .5 | | | | | | | | | 3.2 | 5.1 |
| SE | .6 | 1.2 | 1.9 | .4 | | | | | | | | 3.7 | 6.2 |
| SSE | 1.6 | 1.9 | 1.7 | 1.5 | | | | | | | | 6.5 | 7.1 |
| S | 4.5 | 4.5 | 4.3 | 3.7 | .3 | .1 | | | | | | 17.4 | 7.3 |
| SSW | 2.5 | 3.2 | 2.4 | 1.2 | .1 | | | | | | | 9.4 | 6.2 |
| SW | 3.2 | 2.4 | .9 | .5 | | | | | | | | 7.0 | 4.3 |
| WSW | 1.0 | .4 | 1.0 | .4 | | | | | | | | 2.8 | 4.2 |
| W | .9 | 1.6 | 1.3 | .8 | .1 | .1 | | | | | | 4.7 | 7.4 |
| WNW | .9 | 1.2 | .6 | .1 | | | | | | | | 2.4 | 5.6 |
| NW | .3 | 1.3 | .2 | .2 | | | | | | | | 1.7 | 5.9 |
| NNW | .6 | .6 | .6 | .2 | .1 | | | | | | | 2.3 | 7.- |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.4 | |
| | 20.9 | 27.5 | 24.1 | 12.2 | .8 | .2 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 577

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72265 (STATION) CYESS AFB IX (STATION NAME) 74-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 01 (HOURS (L S T))

(CONDITION)

| SPEED KNTS DIR | 1 - 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 | 3.7 | 5.1 | 4.0 | .5 | .0 | .0 | | | | | 14.7 | 8.4 |
| NNE | .7 | 1.4 | 2.0 | 1.4 | .3 | .0 | | | | | | 5.9 | 8.7 |
| NE | .8 | .9 | 1.0 | .2 | .0 | | | | | | | 3.0 | 8.1 |
| ENE | .6 | .6 | .4 | .0 | .0 | | | | | | | 1.7 | 8.2 |
| E | .8 | 1.1 | .7 | .1 | | | | | | | | 2.6 | 5.1 |
| ESE | .7 | 1.2 | .5 | .0 | | | | | | | | 2.4 | 4.5 |
| SE | .7 | 1.2 | 1.0 | .2 | .0 | | | | | | | 3.1 | 6.2 |
| SSE | 1.2 | 1.6 | 1.2 | 1.0 | .1 | .0 | | | | | | 5.1 | 7.0 |
| S | 2.1 | 4.3 | 4.2 | 3.3 | .7 | .1 | | | | | | 14.4 | 7.4 |
| SSW | 1.5 | 2.0 | 2.2 | 2.8 | .4 | .0 | | | | | | 8.5 | 8.5 |
| SW | 1.6 | 1.1 | 1.5 | 1.2 | .2 | | | | | | | 5.6 | 7.4 |
| WSW | .7 | .9 | 1.3 | .7 | .1 | .0 | | | | | | 3.8 | 7.9 |
| W | 1.1 | 1.9 | 1.8 | 1.1 | .2 | .1 | | | | | | 6.0 | 7.1 |
| WNW | .8 | 1.5 | .8 | .6 | .0 | | | | | | | 3.7 | 6.3 |
| NW | .8 | 1.1 | 1.0 | .6 | .0 | | | | | | | 3.5 | 6.7 |
| NNW | 1.0 | 1.2 | 1.4 | .8 | .2 | .0 | | | | | | 4.5 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11. | |
| | 16.5 | 25.2 | 26.1 | 17.6 | 2.9 | .3 | .0 | | | | | 100. | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 7940

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

# SURFACE WINDS

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

...AFB (STATION) ...YESS AFL TX (STATION NAME) 74-83 (YEARS) ... (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.7 | 3.7 | 2.3 | .2 | | | | | | | 8.5 | 6.4 |
| NNE | .5 | .9 | 2.0 | .8 | .4 | | | | | | | 4.5 | 5.9 |
| NE | .5 | .5 | .5 | | | | | | | | | 1.4 | 5.2 |
| ENE | .2 | .3 | .4 | | | | | | | | | 1.1 | 4.9 |
| E | .6 | .6 | .4 | | | | | | | | | 1.6 | 4.2 |
| ESE | .5 | .7 | .4 | | | | | | | | | 1.6 | 4.2 |
| SE | .1 | 1.1 | .6 | .1 | | | | | | | | 1.9 | 5.4 |
| SSE | 1.5 | 1.8 | 2.0 | .7 | .1 | | | | | | | 6.1 | 6.7 |
| S | 2.7 | 4.0 | 4.5 | 4.4 | 1.3 | | | | | | | 16.9 | 6.9 |
| SSW | 1.9 | 1.9 | 4.0 | 3.8 | .5 | .1 | | | | | | 12.2 | 9.2 |
| SW | 2.4 | 2.5 | 2.1 | 1.1 | | | | | | | | 8.0 | 6.2 |
| WSW | .7 | .6 | .9 | .5 | | | | | | | | 2.7 | 6.4 |
| W | 1.2 | 2.0 | 1.3 | .5 | .2 | | | | | | | 5.2 | 6.4 |
| WNW | .4 | 1.7 | 1.7 | .2 | | | | | | | | 3.9 | 6.7 |
| NW | .9 | 1.7 | 1.3 | .4 | | | | | | | | 4.3 | 5.9 |
| NNW | .7 | .8 | 1.3 | .5 | | .1 | | | | | | 3.4 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.5 | |
| | 15.4 | 23.0 | 27.0 | 16.2 | 2.7 | .2 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS ...696

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

72266 (STATION) LYESS AFB IX (STATION NAME) 74-63 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS)

[illegible] (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.9 | 4.5 | 3.2 | .5 | .1 | | | | | | 12.4 | 6.6 |
| NNE | .5 | 1.2 | 1.5 | .8 | .1 | | | | | | | 4.1 | 7.3 |
| NE | .4 | .4 | .7 | .4 | | | | | | | | 1.9 | 7.7 |
| ENE | .2 | .5 | | | | | | | | | | .7 | 4.0 |
| E | .5 | .4 | .2 | | | | | | | | | 1.1 | 4.4 |
| ESE | .8 | .1 | .1 | | | | | | | | | 1.1 | 3.6 |
| SE | 1.1 | .8 | | | | | | | | | | 1.7 | 3.6 |
| SSE | .9 | 2.2 | 1.2 | .4 | .2 | | | | | | | 5.0 | 6.5 |
| S | 2.5 | 2.4 | 3.2 | 3.5 | 1.2 | .5 | .1 | | | | | 13.4 | 9.6 |
| SSW | 1.7 | 4.7 | 3.2 | 3.9 | 1.2 | | | | | | | 14.7 | 8.7 |
| SW | 2.0 | 1.7 | 2.2 | 1.8 | | | | | | | | 7.7 | 6.9 |
| WSW | .6 | 1.4 | 1.1 | 1.3 | | | | | | | | 4.4 | 7.9 |
| W | 1.7 | 1.4 | .8 | .6 | .1 | | | | | | | 4.6 | 6.3 |
| WNW | 1.4 | 1.8 | 2.0 | .2 | | | | | | | | 5.4 | 5.7 |
| NW | 1.3 | .7 | 1.7 | .4 | | | | | | | | 4.1 | 6.2 |
| NNW | 1.2 | 1.2 | 1.5 | .1 | | | | | | | | 4.0 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | 18.0 | 23.6 | 28.0 | 16.5 | 3.3 | .6 | .1 | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 946

USAFETAC FORM JUL 68 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

...5625 DYESS AFB TX 74-83 FE
STATION STATION NAME YEARS MONTH

ALL WEATHER 03-09
CLASS HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 3.0 | 4.5 | 3.0 | .7 | | | | | | | 11.3 | 9.0 |
| NNE | .4 | .7 | 1.2 | .6 | | | | | | | | 2.9 | 8.0 |
| NE | .4 | .4 | .4 | .1 | | | | | | | | 1.2 | 5.0 |
| ENE | .6 | .6 | .1 | | | | | | | | | 1.3 | 4.5 |
| E | .2 | .4 | .4 | | | | | | | | | .9 | 6.3 |
| ESE | .6 | .6 | .4 | | | | | | | | | 1.5 | 4.5 |
| SE | .5 | .9 | .7 | .1 | | | | | | | | 2.2 | 5.5 |
| SSE | .6 | 1.4 | .9 | 1.1 | .2 | | | | | | | 4.3 | 8.0 |
| S | 3.4 | 3.2 | 2.6 | 3.1 | 1.1 | .1 | | | | | | 13.5 | 6.3 |
| SSW | 2.2 | 2.0 | 3.1 | 3.2 | .8 | | | | | | | 11.9 | 7.1 |
| SW | 2.1 | .9 | 1.7 | .8 | .1 | | | | | | | 5.7 | 6.3 |
| WSW | 1.1 | 1.2 | 2.0 | .8 | | | | | | | | 5.1 | 7.0 |
| W | 1.7 | 1.4 | 1.3 | 1.5 | .1 | | | | | | | 6.0 | 7.7 |
| WNW | 2.0 | 1.3 | 1.4 | .1 | .1 | | | | | | | 5.0 | 6.5 |
| NW | 1.2 | 1.5 | 2.2 | .5 | .1 | | | | | | | 5.0 | 8.7 |
| NNW | 1.3 | .8 | 1.9 | .7 | | | | | | | | 4.7 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.1 | |
| | 19.0 | 20.3 | 24.7 | 15.4 | 3.3 | .1 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 496

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] LYNN AFB MA — 74-77 — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]
CLASS — HOURS (L S T)

CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 3.2 | 5.9 | 5.9 | .7 | | | | | | | 17.4 | [illegible] |
| NNE | .8 | 1.1 | 1.9 | 1.1 | | | | | | | | 4.7 | 7.8 |
| NE | .6 | 1.3 | .4 | .1 | .2 | | | | | | | [illegible] | [illegible] |
| ENE | .6 | .7 | .5 | | .1 | | | | | | | 1.9 | [illegible] |
| E | .6 | .1 | .5 | .1 | | | | | | | | 1.4 | [illegible] |
| ESE | .4 | .9 | .9 | | | | | | | | | [illegible] | [illegible] |
| SE | .5 | .2 | .6 | | .1 | | | | | | | 1.4 | [illegible] |
| SSE | .4 | 1.2 | 1.5 | .5 | .4 | .1 | | | | | | 4.5 | [illegible] |
| S | 1.8 | 1.8 | 4.1 | 3.3 | 2.4 | .2 | | | | | | 13.6 | [illegible] |
| SSW | .5 | 1.7 | 3.3 | 5.1 | 1.7 | .4 | | | | | | 12.5 | 11.7 |
| SW | .6 | 1.1 | 1.7 | 1.7 | .6 | | | | | | | [illegible] | [illegible] |
| WSW | .5 | 1.2 | .8 | 1.2 | .2 | .1 | | | | | | 4.0 | [illegible] |
| W | .8 | 1.7 | 2.4 | .9 | .3 | .5 | | | | | | 6.6 | [illegible] |
| WNW | .9 | .9 | 1.7 | 1.2 | .2 | .2 | .1 | | | | | [illegible] | [illegible] |
| NW | .5 | .5 | 2.5 | 1.9 | | | | | | | | [illegible] | [illegible] |
| NNW | .7 | .7 | 2.4 | 1.2 | .2 | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.0 | |
| | 11.6 | 15.3 | 31.0 | 24.5 | 7.7 | 1.5 | .1 | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

72266 (STATION) LYESS AFB TX (STATION NAME) 74-83 (YEARS) F... (MONTH)

ALL WEATHER (CLASS) 12-2-14? (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) / DIR | 1 - 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 | 3.3 | 5.4 | 6.6 | 1.2 | .2 | | | | | | 17.8 | 1... |
| NNE | .8 | 1.8 | 1.7 | 1.9 | .4 | .1 | | | | | | 6.5 | 8.9 |
| NE | .5 | .8 | 1.2 | .5 | | | | | | | | 3.0 | 7.. |
| ENE | .5 | .5 | .6 | | | | | | | | | 1.6 | ..6 |
| E | .7 | 1.2 | .9 | | | | | | | | | 2.8 | ..1 |
| ESE | .6 | .8 | .6 | | | | | | | | | 2.0 | 4.5 |
| SE | .4 | .8 | .7 | .2 | .1 | | | | | | | 2.4 | 7.1 |
| SSE | .5 | .8 | 1.7 | .6 | | | | | | | | 3.6 | 7.8 |
| S | .8 | 2.2 | 3.6 | 5.4 | 1.2 | .6 | | | | | | 14.1 | 11.2 |
| SSW | .4 | .7 | 2.9 | 5.0 | 1.4 | | | | | | | 11.. | 11.. |
| SW | .5 | 1.2 | 2.4 | 1.5 | .6 | .4 | | | | | | 6.7 | 1..1 |
| WSW | .2 | .5 | 1.8 | 1.1 | .8 | .2 | | | | | | 4.2 | 11.3 |
| W | 1.1 | 1.8 | 1.2 | 2.0 | .7 | | .1 | .2 | | | | 7.7 | 1..7 |
| WNW | .4 | 1.2 | .6 | 1.1 | .5 | .1 | | | | | | 3.8 | 9.9 |
| NW | .2 | .7 | 1.4 | 1.4 | | .2 | | | | | | 3.. | 1..1 |
| NNW | .6 | 1.2 | 3.0 | 2.1 | .1 | | | | | | | 7.3 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .1 | |
| | 9.1 | 19.3 | 38.7 | 29.3 | 7.2 | 1.9 | .1 | .2 | | | | 1..0 | |

TOTAL NUMBER OF OBSERVATIONS ..4..

...PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH

CLASS _____ HOURS (L.S.T.)

CONDITION

| WIND DIR. | SPEED (KNOTS) 1 - 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 | 3.4 | 5.9 | 5.0 | .2 | .0 | | | | | | 14.6 | 7.1 |
| NNE | .2 | 2.1 | 2.4 | 2.1 | .2 | | | | | | | 6.9 | 6.1 |
| NE | .7 | .5 | 1.4 | .5 | .1 | | | | | | | 3.2 | 5.4 |
| ENE | 1.2 | .5 | .9 | .5 | .1 | | | | | | | 3.2 | 4.5 |
| E | .8 | .9 | .7 | | | | | | | | | 2.4 | 4.8 |
| ESE | .5 | .6 | .8 | | | | | | | | | 1.9 | 5.4 |
| SE | .5 | 1.9 | 1.2 | .5 | .1 | | | | | | | 4.2 | 7.1 |
| SSE | .1 | .5 | 2.2 | 1.5 | .4 | | | | | | | 4.7 | 10.3 |
| S | .4 | 1.9 | 5.0 | 5.1 | .5 | .0 | | | | | | 12.9 | 10.2 |
| SSW | .1 | 1.2 | 4.1 | 2.7 | .5 | .1 | | | | | | 10.7 | 11.2 |
| SW | .5 | .7 | 2.4 | 2.2 | .1 | .1 | | | | | | 6.0 | 10.2 |
| WSW | .1 | .7 | .6 | 1.3 | .5 | .0 | | | | | | 3.2 | 10.2 |
| W | .7 | .3 | 1.5 | 2.6 | .6 | .1 | .0 | | | | | 5.8 | 11.3 |
| WNW | | .5 | .7 | .7 | .1 | .1 | .0 | | | | | 2.2 | 11.2 |
| NW | .4 | .2 | 1.1 | .1 | .1 | .1 | | | | | | 3.0 | 10.2 |
| NNW | .1 | 1.3 | .1 | 1.2 | .1 | | | | | | | 2.9 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 7.7 | 19.1 | 37.1 | 24.2 | 4.4 | 1.0 | .0 | | | | | | 9.1 |

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

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

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS (L S T)

CONDITION

| WIND DIR | 1 - 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 | 3.0 | 5.0 | 1.7 | .4 | | | | | | | 14.4 | 7.7 |
| NNE | .5 | 2.6 | 2.4 | 1.4 | .6 | .1 | | | | | | 7.6 | 8.7 |
| NE | 1.1 | 1.6 | 2.4 | .6 | .1 | | | | | | | 5.4 | 6.2 |
| ENE | .6 | 1.7 | 1.1 | .1 | | | | | | | | 3.4 | 6.4 |
| E | 1.1 | .6 | 1.2 | | | | | | | | | 2.9 | 5.1 |
| ESE | .1 | 1.2 | .6 | .2 | | | | | | | | 2.1 | 6.2 |
| SE | .5 | .4 | 1.5 | .4 | | | | | | | | 2.8 | 7.2 |
| SSE | .7 | 2.2 | 2.1 | 1.5 | | | | | | | | 6.6 | 7.4 |
| S | 2.6 | 6.4 | 4.5 | 2.7 | .5 | .1 | | | | | | 16.8 | 7.1 |
| SSW | 2.0 | 3.2 | 2.2 | 1.1 | .2 | | | | | | | 8.7 | 6.5 |
| SW | 1.3 | 1.0 | .2 | | | | | | | | | 2.7 | 4.1 |
| WSW | .6 | .6 | .2 | .6 | | | | | | | | 1.9 | 6.6 |
| W | .6 | 1.2 | 1.2 | .5 | .1 | .1 | | | | | | 3.8 | 7.6 |
| WNW | .2 | .7 | .6 | .6 | .1 | | | | | | | 2.2 | 6.1 |
| NW | .4 | .6 | 1.1 | 1.1 | .4 | .1 | | | | | | 3.8 | 10.4 |
| NNW | .7 | .7 | .7 | .7 | | | | | | | | 2.8 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.7 | |
| | 17.1 | 28.8 | 7.1 | 14.7 | 2.4 | .5 | | | | | | 10.9 | |

TOTAL NUMBER OF OBSERVATIONS [illegible]

# SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH

CLASS _____ HOURS (L S T)

CONDITION

| SPEED (KNOTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 1.8 | 2.3 | 1.9 | .5 | .1 | | | | | | | |
| NNE | 1.1 | 1.4 | 1.5 | 1.9 | .5 | .2 | | | | | | | |
| NE | .6 | 1.3 | 1.4 | .1 | | | | | | | | | |
| ENE | .2 | 1.1 | .4 | | | | | | | | | | |
| E | .7 | 1.1 | .2 | .1 | | | | | | | | | |
| ESE | .2 | .3 | .6 | .1 | | | | | | | | | |
| SE | .4 | .3 | .7 | .4 | | | | | | | | | |
| SSE | 1.2 | 1.2 | 1.9 | 1.5 | .1 | | | | | | | | |
| S | 3.3 | 4.6 | 4.7 | 3.3 | .6 | .3 | | | | | | | |
| SSW | 2.3 | 4.7 | 2.5 | 1.9 | .4 | | | | | | | | |
| SW | 1.1 | 2.3 | .5 | .2 | | | | | | | | | |
| WSW | .9 | 1.2 | .5 | | | | | | | | | | |
| W | .3 | 1.3 | .6 | | .2 | | | | | | | | |
| WNW | .3 | .5 | .2 | .2 | .4 | .1 | | | | | | | |
| NW | .5 | .4 | 1.4 | 1.2 | .2 | | | | | | | | |
| NNW | 1.2 | .7 | 1.4 | .2 | .1 | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.7 | |
| | 17.4 | 27.4 | 31.6 | 14.6 | 3.0 | .3 | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM _____ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

...YERS AFB TX — 7[illegible]-82 — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL
CLASS — HOURS (LST)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.3 | 4.7 | 4.5 | .6 | .1 | | | | | | 13.6 | 9.2 |
| NNE | .8 | 1.5 | 1.8 | 1.7 | .7 | .1 | | | | | | 6.5 | 8.7 |
| NE | .9 | .9 | 1.0 | .3 | .1 | | | | | | | 3.2 | 5.7 |
| ENE | .5 | .7 | .5 | .1 | .0 | | | | | | | 1.8 | 5.4 |
| E | .7 | .8 | .6 | .5 | | | | | | | | 2.1 | 5.3 |
| ESE | .5 | .7 | .5 | .5 | | | | | | | | 1.5 | 5.7 |
| SE | .5 | .9 | .8 | .2 | .0 | | | | | | | 2.3 | 5.6 |
| SSE | .7 | 1.5 | 1.7 | 1.5 | .2 | .0 | | | | | | 5.6 | 7.6 |
| S | 2.3 | 3.3 | 4.0 | 4.1 | 1.1 | .3 | .0 | | | | | 15.2 | 7.8 |
| SSW | 1.5 | 2.5 | 3.2 | 3.7 | .9 | .1 | | | | | | 11.9 | 7.3 |
| SW | 1.3 | 1.5 | 1.6 | 1.2 | .2 | .1 | | | | | | 5.9 | 7.4 |
| WSW | .6 | .9 | 1.0 | .8 | .2 | .1 | | | | | | 3.7 | 6.5 |
| W | 1.0 | 1.5 | 1.3 | 1.1 | .4 | .1 | .0 | .0 | | | | 5.4 | 6.6 |
| WNW | .7 | 1.2 | 1.1 | .6 | .2 | .1 | .0 | | | | | 3.9 | 7.9 |
| NW | .7 | .9 | 1.6 | 1.1 | .1 | .1 | | | | | | 4.4 | 6.5 |
| NNW | .9 | 1.2 | 1.8 | .9 | .1 | .0 | | | | | | 4.6 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 14.3 | 22.5 | 27.4 | 25.9 | 6.2 | .9 | .1 | .0 | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 6752

...ARCTAE FORM ... 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)

[redacted] DYESS AFB TX 74-83 MAR
STATION STATION NAME YEARS MONTH

ALL WEATHER [redacted]
CLASS HOURS (L S T)

CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 1.2 | 1.5 | 1.6 | .5 | .5 | | | | | | [illegible] | 1[illegible] |
| NNE | .4 | 1.2 | 1.2 | .8 | | | | | | | | 3.6 | 7.8 |
| NE | .6 | .9 | 1.3 | .5 | | | | | | | | 3.3 | [illegible] |
| ENE | .5 | .9 | .3 | | | | | | | | | 1.7 | 4.7 |
| E | .4 | 1.2 | .8 | | .1 | | | | | | | 2.6 | [illegible] |
| ESE | .9 | 1.2 | .3 | | | | | | | | | 2.5 | 5.4 |
| SE | 1.1 | 1.3 | 1.1 | .8 | .1 | | | | | | | 4.3 | [illegible] |
| SSE | 1.1 | 3.2 | 2.6 | 3.4 | 1.6 | .2 | | | | | | 12.2 | 1[illegible] |
| S | 2.9 | 2.7 | 4.5 | 6.7 | 2.7 | .3 | | | | | | 19.4 | 1[illegible] |
| SSW | 1.7 | 1.2 | 1.8 | 3.4 | .9 | .1 | | | | | | 9.1 | 9.7 |
| SW | 1.7 | 1.6 | 1.0 | 2.0 | | | | | | | | [illegible] | 7.5 |
| WSW | .9 | 2.2 | 1.6 | .9 | | | | | | | | [illegible] | [illegible] |
| W | 1.1 | 2.6 | 1.5 | .9 | | | | | | | | [illegible] | [illegible] |
| WNW | .6 | .9 | 1.1 | .2 | | | | | | | | 2.8 | [illegible] |
| NW | .3 | 1.4 | .8 | .6 | | | | | | | | 3.1 | 7.4 |
| NNW | .2 | .5 | .9 | .6 | .3 | .1 | | | | | | 2.6 | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .6 | |
| | 14.7 | 23.5 | 27.9 | 22.7 | 6.2 | 1.3 | | | | | | [illegible] | 7.4 |

TOTAL NUMBER OF OBSERVATIONS [illegible] 930

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

# SURFACE WINDS

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

[illegible] (STATION) DYESS AFB TX (STATION NAME) 74-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 1.3 | 2.6 | 1.2 | .4 | .5 | | | | | | x.1 | 1x.4 |
| NNE | .5 | 1.7 | 1.4 | .5 | | | | | | | | 4.1 | 7.4 |
| NE | .4 | 1.4 | 1.1 | .1 | | | | | | | | 3.x | 8.4 |
| ENE | .2 | .5 | .7 | .1 | | | | | | | | 1.2 | 6.x |
| E | 1.2 | .5 | .8 | .2 | | | | | | | | x.x | x.x |
| ESE | .1 | .0 | .3 | | | | | | | | | 1.1 | 5.1 |
| SE | .5 | 1.0 | 1.4 | .5 | .2 | | | | | | | x.7 | 6.1 |
| SSE | 2.2 | 1.5 | 2.2 | 2.2 | .4 | .5 | | | | | | x.9 | 7.x |
| S | 2.3 | 4.2 | 4.2 | 7.2 | 2.7 | .6 | | | | | | 21.2 | 1x.7 |
| SSW | 1.1 | 2.2 | 2.7 | 2.8 | .5 | | | | | | | x.5 | 9.1 |
| SW | .9 | .9 | 1.2 | 1.4 | .3 | | | | | | | 4.x | 8.1 |
| WSW | .4 | .4 | 1.1 | 1.6 | | | | | | | | 4.3 | x.3 |
| W | .9 | 1.8 | 2.5 | 1.6 | .2 | | | | | | | 7.x | 7.9 |
| WNW | .3 | 1.7 | 1.3 | .7 | .2 | | | | | | | 3.4 | 7.5 |
| NW | .5 | 1.5 | .6 | .1 | | | | | | | | x.x | 5.x |
| NNW | .3 | 1.9 | .8 | .6 | | | | | | | | 4.1 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 12.6 | 23.1 | 35.1 | 22.9 | 5.3 | 1.7 | | | | | | 1x.x | 6.x |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TECHNICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 12265 | LYESS AFB TX | 74-83 | MAR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |
| | ALL WEATHER | | 0600-0900 |
| | 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 | 1.6 | 1.4 | 3.7 | 3.7 | .3 | .0 | | | | | | 11.1 | 5.6 |
| NNE | .4 | .8 | 1.0 | 1.0 | | | | | | | | 3.1 | 7.8 |
| NE | .5 | .4 | 1.2 | | | | | | | | | 2.2 | 6.1 |
| ENE | .2 | .5 | .4 | .1 | | | | | | | | 1.3 | 6.7 |
| E | .2 | 1.0 | .2 | .1 | | | | | | | | 1.6 | 6.0 |
| ESE | .1 | .6 | 1.0 | | .1 | | | | | | | 1.8 | 7.4 |
| SE | .3 | 1.2 | .9 | .9 | | | | | | | | 3.2 | 6.1 |
| SSE | 1.2 | 1.7 | 2.2 | 1.7 | .8 | .2 | | | | | | 7.1 | 6.6 |
| S | 2.6 | 3.0 | 5.2 | 4.9 | 2.8 | 1.0 | | | | | | 19.5 | 10.8 |
| SSW | .6 | 1.6 | 2.2 | 4.1 | .6 | .1 | | | | | | 9.2 | 10.7 |
| SW | 1.1 | .9 | 1.6 | 1.8 | | | | | | | | 5.4 | 8.4 |
| WSW | .6 | .9 | 1.6 | 1.0 | .3 | .1 | .1 | | | | | 4.6 | 9.4 |
| W | 1.3 | 2.5 | 2.4 | 1.6 | .3 | | | | | | | 8.1 | 7.8 |
| WNW | .6 | 1.3 | 1.4 | .6 | | | | | | | | 4.3 | 7.1 |
| NW | 1.0 | 1.3 | .8 | .8 | | | | | | | | 3.4 | 5.7 |
| NNW | 1.1 | 1.6 | 1.9 | 1.4 | | | | | | | | 6.0 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.5 | |
| | 14.2 | 26.6 | 27.8 | 22.9 | 8.9 | 1.8 | .1 | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 930

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

# SURFACE WINDS

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

[illegible] STATION | [illegible]YESS AFB TX STATION NAME | 78-83 YEARS | [illegible] MONTH

ALL WEATHER CLASS | [illegible]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 | .1 | 2.7 | 4.5 | 5.4 | 1.3 | .2 | | | | | | 14.2 | [illegible] |
| NNE | .5 | 1.0 | 1.9 | 1.2 | .1 | | | | | | | 4.7 | [illegible] |
| NE | | 1.2 | 1.4 | .2 | | | | | | | | [illegible] | [illegible] |
| ENE | .2 | .9 | .6 | .2 | | | | | | | | 1.9 | [illegible] |
| E | .3 | .9 | 1.5 | .3 | | | | | | | | [illegible] | [illegible] |
| ESE | .2 | 1.1 | 1.0 | .3 | | | | | | | | [illegible] | [illegible] |
| SE | .4 | 1.1 | 1.5 | .9 | | | | | | | | 3.9 | 7.8 |
| SSE | .2 | .5 | 3.1 | 2.9 | .4 | .3 | | | | | | 7.6 | 11.2 |
| S | .2 | 1.3 | 3.9 | 6.2 | 3.3 | 1.0 | | | | | | 15.9 | 13.4 |
| SSW | .1 | .6 | 3.0 | 5.6 | 2.2 | .2 | | | | | | 11.6 | 13.4 |
| SW | .2 | .5 | .4 | 1.9 | .9 | .1 | | | | | | 4.1 | 10.2 |
| WSW | .5 | 1.0 | 1.0 | 1.4 | .4 | .1 | | | | | | 4.4 | 9.5 |
| W | .2 | .5 | 1.4 | 2.8 | .5 | .9 | .1 | | | | | [illegible] | [illegible] |
| WNW | .1 | .2 | 1.4 | 1.7 | .4 | .4 | | | | | | 4.3 | 10.2 |
| NW | .3 | 1.1 | 1.8 | .9 | .3 | | | | | | | 4.4 | 9.1 |
| NNW | .3 | 1.1 | 1.8 | 2.0 | .3 | | | | | | | 5.6 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .3 | |
| | 4.1 | 15.7 | 30.3 | 34.0 | 10.2 | 3.3 | .1 | | | | | 100.0 | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

72565 (STATION) DYESS AFB, TX (STATION NAME) 78-83 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS)

1200-1800 (HOURS (L.S.T.))

CONDITION

| SPEED (KNTS) / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | .8 | 4.8 | 5.8 | 1.0 | .4 | | | | | | 13.1 | 11.0 |
| NNE | .3 | .9 | 2.0 | 1.5 | | | | | | | | 4.7 | 9.1 |
| NE | .6 | 1.1 | 1.5 | .8 | | | | | | | | 4.1 | 7.2 |
| ENE | .2 | .4 | .3 | .2 | | | | | | | | 1.2 | 8.2 |
| E | .9 | 1.4 | 1.2 | .7 | | | | | | | | 4.2 | 8.5 |
| ESE | | .8 | .5 | .3 | | | | | | | | 1.6 | 7.1 |
| SE | .3 | .9 | 1.5 | .6 | .1 | | | | | | | 3.4 | 8.6 |
| SSE | .2 | 1.1 | 1.6 | 4.7 | .9 | .1 | | | | | | 8.6 | 11.6 |
| S | .3 | 1.1 | 3.5 | 9.1 | 3.0 | .5 | .1 | | | | | 17.7 | 13.2 |
| SSW | | .9 | 2.5 | 4.7 | 1.9 | .2 | | | | | | 10.2 | 13.4 |
| SW | | .4 | 1.2 | 2.4 | .1 | | | | | | | 4.1 | 11.3 |
| WSW | .2 | .2 | 1.6 | 2.0 | .2 | .3 | .1 | | | | | 4.7 | 12.6 |
| W | .5 | .8 | 1.7 | 3.0 | 1.4 | 1.0 | .1 | | | | | 8.5 | 13.7 |
| WNW | .2 | .6 | 1.7 | 1.1 | 1.0 | .3 | | | | | | 4.5 | 12.3 |
| NW | .8 | .3 | 1.2 | .8 | .1 | | | | | | | 3.1 | 6.4 |
| NNW | .3 | 1.3 | 2.7 | 1.6 | .3 | .1 | | | | | | 6.3 | 9.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.2 | |
| | 5.0 | 12.4 | 29.7 | 37.5 | 10.0 | 3.0 | .3 | | | | | 17.3 | 11.2 |

TOTAL NUMBER OF OBSERVATIONS 97

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

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

# SURFACE WINDS

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

... STATION | LYONS AFB TX STATION NAME | 74-82 YEARS | ... MONTH

ALL WEATHER CLASS | 1200-1700 HOURS (LST)

CONDITION

| SPEED KNTS. DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 1.2 | 3.2 | 5.7 | .3 | .2 | | | | | | 10.6 | 11.7 |
| NNE | .8 | 1.3 | 1.9 | 1.6 | .3 | | | | | | | 5.9 | 9.2 |
| NE | .3 | .6 | 1.9 | .8 | | | | | | | | 3.7 | 9.1 |
| ENE | .9 | .8 | 1.2 | .5 | .1 | | | | | | | 3.4 | 7.1 |
| E | .9 | 1.0 | 1.5 | | | | | | | | | 2.3 | 5.2 |
| ESE | .4 | 1.1 | 1.0 | .3 | | | | | | | | 2.5 | 6.3 |
| SE | .3 | .3 | 1.4 | 1.9 | .2 | | | | | | | 4.0 | 10.2 |
| SSE | .3 | .9 | 1.7 | 3.9 | 1.3 | .1 | | | | | | 8.2 | 14.1 |
| S | .5 | 1.4 | 4.3 | 7.1 | 2.5 | 1.2 | | | | | | 17.0 | 12.7 |
| SSW | | 1.7 | 1.9 | 4.5 | 1.1 | .1 | | | | | | 9.3 | 11.6 |
| SW | .3 | .4 | 1.0 | 2.2 | .9 | | | | | | | 4.7 | 10.1 |
| WSW | .3 | .6 | .6 | 2.7 | 1.0 | .2 | .3 | | | | | 5.3 | 15.7 |
| W | .1 | .5 | 2.3 | 3.1 | 1.5 | .4 | .1 | .1 | | | | 8.2 | 13.6 |
| WNW | .3 | .1 | .6 | 1.6 | .5 | .1 | | | | | | 3.3 | 12.7 |
| NW | .1 | .1 | 1.3 | 1.0 | .2 | .2 | | | | | | 2.9 | 11.2 |
| NNW | .1 | .8 | 2.0 | 2.0 | .2 | .1 | | | | | | 5.2 | 10.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.7 | |
| | 5.9 | 12.7 | 28.0 | 36.9 | 10.1 | 2.7 | .8 | .1 | | | | 100.0 | 11.1 |

TOTAL NUMBER OF OBSERVATIONS ... 59...

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS (L S T)

CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 2.0 | 2.5 | 1.5 | .3 | .1 | | | | | | [illegible] | [illegible] |
| NNE | .5 | 1.4 | 1.3 | 2.4 | | | | | | | | .6 | [illegible] |
| NE | .5 | 1.5 | 1.9 | .7 | | | | | | | | 4.1 | [illegible] |
| ENE | .8 | 1.3 | 1.7 | .1 | | | | | | | | 4.[illegible] | [illegible] |
| E | 1.2 | 2.3 | 1.8 | .1 | .2 | | | | | | | 6.1 | [illegible] |
| ESE | .6 | 1.7 | .9 | .1 | | | | | | | | [illegible].3 | [illegible] |
| SE | .6 | 1.4 | 2.8 | [illegible].1 | .4 | | | | | | | [illegible].4 | [illegible] |
| SSE | .6 | 1.4 | 2.5 | 2.8 | 1.3 | .1 | | | | | | [illegible].7 | [illegible] |
| S | 1.9 | 3.[illegible] | 4.5 | 5.2 | 1.2 | .4 | .1 | | | | | 17.2 | [illegible] |
| SSW | 1.0 | 3.1 | 1.6 | 1.6 | | | | | | | | 7.3 | [illegible] |
| SW | .9 | 2.3 | 1.2 | .6 | | | | | | | | 5.7 | [illegible] |
| WSW | .4 | 1.3 | 1.4 | 1.1 | .2 | | .1 | | | | | 4.5 | [illegible] |
| W | .3 | .9 | 1.1 | [illegible].7 | .4 | .1 | | | | | | 4.5 | [illegible] |
| WNW | .3 | .6 | .6 | .3 | .1 | .1 | | | | | | [illegible].[illegible] | [illegible] |
| NW | .3 | .6 | .4 | .4 | .2 | | .1 | | | | | [illegible].[illegible] | [illegible] |
| NNW | .2 | .3 | .5 | .5 | .1 | | | | | | | 1.7 | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | • | |
| | 11.2 | 27.4 | 26.2 | [illegible].6 | 4.5 | .6 | .2 | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] STATION | [illegible] AFB, TX STATION NAME | 74-82 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 | 1.1 | 1.9 | 2.5 | .1 | | | | | | | 5.7 | 9.7 |
| NNE | .5 | 1.2 | 1.3 | .8 | .2 | | | | | | | 4.2 | 8.1 |
| NE | .2 | 1.5 | 2.0 | .9 | | | | | | | | 4.9 | 7.5 |
| ENE | .3 | .9 | 1.3 | .1 | | | | | | | | 2.5 | 5.3 |
| E | 1.0 | 1.2 | .2 | .2 | | | | | | | | 2.6 | 4.9 |
| ESE | 1.1 | 1.5 | 1.5 | .1 | | | | | | | | 4.6 | 6.6 |
| SE | .6 | 2.3 | 1.0 | 1.4 | .2 | | | | | | | 5.5 | 8.7 |
| SSE | 1.4 | 1.2 | 2.2 | 3.9 | 1.0 | .5 | | | | | | 10.2 | 12.1 |
| S | 2.4 | 3.7 | 3.3 | 6.2 | 3.2 | .1 | | | | | | 18.7 | 14.6 |
| SSW | 2.7 | 2.9 | 3.0 | 1.6 | .4 | | | | | | | 10.6 | 7.2 |
| SW | 1.7 | 2.0 | 1.1 | .4 | | | | | | | | 5.2 | 6.2 |
| WSW | 1.0 | 1.2 | 1.8 | .6 | .1 | | | | | | | 4.7 | 7.3 |
| W | .3 | 1.1 | .6 | .1 | .1 | | | | | | | 2.3 | 6.6 |
| WNW | .2 | .3 | .2 | .4 | .2 | .1 | | | | | | 1.5 | 10.4 |
| NW | .2 | .6 | .2 | .4 | .1 | | | | | | | 1.7 | 7.8 |
| NNW | .4 | .9 | .5 | 1.3 | .2 | | | | | | | 3.3 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.0 | |
| | 15.2 | 24.6 | 21.8 | 21.0 | 5.7 | .8 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 432

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

# SURFACE WINDS

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

...6C — STATION — AYERS AFS TX — STATION NAME — 74-7... — YEARS — ... — MONTH

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

... — CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.0 | 3.0 | 4.0 | .5 | .1 | | | | | | 9.3 | 10.0 |
| NNE | .5 | 1.1 | 1.6 | 1.2 | .1 | | | | | | | 4.5 | 8.0 |
| NE | .4 | 1.1 | 1.5 | .4 | | | | | | | | 3.4 | 7.0 |
| ENE | .5 | .4 | .7 | .2 | .0 | | | | | | | 1.8 | 6.0 |
| E | .8 | 1.2 | 1.0 | .2 | .0 | | | | | | | 3.4 | 6.2 |
| ESE | .9 | 1.2 | .9 | .1 | .0 | | | | | | | 3.1 | 6.1 |
| SE | .6 | 1.2 | 1.4 | 1.3 | .2 | | | | | | | 4.6 | 8.5 |
| SSE | .9 | 1.6 | 2.2 | 3.1 | .9 | .1 | | | | | | 8.8 | 10.0 |
| S | 1.6 | 3.6 | 4.2 | 6.5 | 2.6 | .6 | .0 | | | | | 18.2 | 11.4 |
| SSW | .9 | 1.7 | 2.3 | 3.5 | 1.2 | .1 | | | | | | 9.8 | 10.1 |
| SW | .3 | 1.1 | 1.1 | 1.6 | .2 | .0 | | | | | | 4.4 | 8.0 |
| WSW | .5 | 1.0 | 1.4 | 1.4 | .3 | .1 | .1 | | | | | 4.8 | 9.3 |
| W | .6 | 1.3 | 1.7 | 1.9 | .6 | .1 | .0 | .0 | | | | 6.3 | 10.0 |
| WNW | .3 | .7 | 1.0 | .6 | .3 | .1 | | | | | | 3.0 | 10.0 |
| NW | .4 | .9 | .9 | .6 | .1 | .0 | .0 | | | | | 2.9 | 8.1 |
| NNW | .5 | 1.1 | 1.4 | 1.3 | .2 | .0 | | | | | | 4.4 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.0 | |
| | 10.4 | 20.2 | 28.5 | 28.0 | 7.1 | 1.0 | .2 | .0 | | | | | |

TOTAL NUMBER OF OBSERVATIONS ...

USAF ETAC ... FORM ... USE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS (LST)

CONDITION

| SPEED (KNOTS) AND DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.2 | 1.3 | .1 | | | | | | | | [illegible] | [illegible] |
| NNE | .1 | .1 | .2 | 1.2 | .2 | .2 | | | | | | [illegible] | [illegible] |
| NE | .7 | .7 | 1.2 | .4 | | | | | | | | [illegible] | [illegible] |
| ENE | .2 | .3 | .6 | .2 | | | | | | | | [illegible] | [illegible] |
| E | .2 | .2 | .2 | .1 | .1 | | | | | | | [illegible] | [illegible] |
| ESE | .7 | .2 | 1.1 | .3 | | | | | | | | [illegible] | [illegible] |
| SE | .7 | .3 | 1.1 | 1.1 | | | | | | | | [illegible] | [illegible] |
| SSE | 1.3 | 1.1 | 2.3 | 2.1 | 1.3 | .1 | .1 | | | | | [illegible] | [illegible] |
| S | 4.2 | 5.4 | 7.2 | 7.2 | 2.2 | 1.2 | | | | | | [illegible] | [illegible] |
| SSW | 2.3 | 2.0 | 2.4 | 2.2 | .2 | | | | | | | 1.4 | [illegible] |
| SW | 1.5 | 1.1 | .6 | .7 | .1 | .1 | | | | | | [illegible] | [illegible] |
| WSW | .3 | .2 | .2 | .2 | | | | | | | | [illegible] | [illegible] |
| W | .2 | 1.7 | .9 | .4 | .1 | | | | | | | [illegible] | [illegible] |
| WNW | .6 | .2 | 1.2 | | | | | | | | | [illegible] | [illegible] |
| NW | .4 | .2 | .4 | .2 | .1 | | | | | | | [illegible] | [illegible] |
| NNW | .1 | .2 | .2 | .7 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11. | |
| | 14.3 | 16.2 | 24.3 | 21.7 | 5.1 | 1.2 | .1 | | | | | 1 | [illegible] |

TOTAL NUMBER OF OBSERVATIONS

[illegible]

# SURFACE WINDS

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

STATION _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

| SPEED (KNOTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.2 | 1.7 | .6 | .2 | | | | | | | | |
| NNE | .2 | .1 | 1.1 | .5 | .2 | | | | | | | | |
| NE | .2 | .1 | .2 | .2 | .1 | | | | | | | | |
| ENE | .0 | .0 | | | | | | | | | | | |
| E | .2 | .2 | .1 | .2 | | | | | | | | | |
| ESE | .2 | .3 | .4 | .1 | | | | | | | | | |
| SE | .2 | .2 | 1.2 | .4 | .1 | | | | | | | | |
| SSE | 1.1 | 2.2 | 2.0 | 2.9 | .4 | | | .1 | | | | | |
| S | .2 | .5 | 1.8 | .6 | 2.0 | 1.2 | | | | | | | |
| SSW | 1.2 | 1.0 | 2.9 | 2.3 | .9 | | | | | | | | |
| SW | 1.3 | 1.2 | 1.2 | .5 | | .2 | | | | | | | |
| WSW | .3 | .2 | .6 | .2 | .1 | | | | | | | | |
| W | 1.1 | .7 | 1.3 | .3 | .2 | | | | | | | | |
| WNW | .4 | 1.2 | 1.4 | .1 | .1 | | | | | | | | |
| NW | .2 | 1.3 | .7 | | | | | | | | | | |
| NNW | .0 | 1.1 | .6 | .4 | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.4 | |
| | 1.6 | 21.3 | 17.0 | 11.6 | 4.4 | 1.2 | | .1 | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

# SURFACE WINDS

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

[illegible] 73-83 YEARS [illegible] MONTH

ALL HOURS CLASS [illegible] HOURS (L.S.T.)

CONDITION

| DIR. | 1 - 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 | 1.9 | 2.7 | 1.2 | | | | | | | | 7.4 | 4.4 |
| NNE | .7 | .9 | 1.1 | 1.1 | .4 | | | | | | | 4.2 | 5.2 |
| NE | .2 | .4 | .7 | .4 | | | | | | | | 1.6 | 7.7 |
| ENE | .1 | .2 | .1 | .2 | | | | | | | | .6 | 7.2 |
| E | .1 | .2 | .3 | | | | | | | | | 1.1 | 4.7 |
| ESE | .2 | .2 | .7 | .2 | | | | | | | | 1.3 | 6.8 |
| SE | 1.2 | 1.1 | 1.1 | .2 | | | | | | | | 3.6 | 7.2 |
| SSE | .9 | 1.2 | 6.2 | 7.4 | .6 | .1 | | | | | | 16.2 | 7.3 |
| S | 3.2 | 6.2 | 7.4 | 5.9 | 1.2 | .4 | | | | | | 24.7 | 7.2 |
| SSW | .1 | 2.2 | 3.4 | 7.2 | .2 | | | | | | | 13.2 | 7.1 |
| SW | 1.2 | .2 | 1.4 | 2.2 | | | | | | | | 4.9 | 6.2 |
| WSW | .6 | .2 | 1.2 | .2 | | | | | | | | 2.2 | 6.2 |
| W | .2 | 2.1 | 1.2 | 1.4 | | .2 | | | | | | 4.1 | 7.4 |
| WNW | .2 | 1.7 | 1.1 | .4 | | | | | | | | 3.3 | 6.2 |
| NW | .4 | 1.2 | .6 | 1.2 | | | | | | | | 3.4 | 6.1 |
| NNW | .2 | 1.2 | 1.6 | 1.2 | .1 | | | | | | | 4.3 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .2 | |
| | 13.3 | 31.4 | 41.4 | 27.7 | 2.1 | .9 | | | | | | 100 | |

TOTAL NUMBER OF OBSERVATIONS

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

# SURFACE WINDS

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

...2008 — USAFS AFB IX — STATION NAME — 74-77 — YEARS — ALL — MONTH

ALL WEATHER — CLASS — 0000-2400 — HOURS (L S T)

CONDITION

| SPEED (KNOTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 1.1 | 3.6 | 3.2 | .7 | .6 | | | | | | .2 | 11.5 |
| NNE | .1 | .1 | 2.1 | 1.6 | .3 | | | | | | | 4.7 | 1... |
| NE | .3 | .2 | .9 | 1.1 | | | | | | | | .2 | 2... |
| ENE | .3 | .1 | .1 | .3 | .1 | | | | | | | 1.7 | 1... |
| E | .6 | .7 | .6 | .2 | | | | | | | | .2 | .. |
| ESE | .3 | .7 | .3 | .6 | .1 | | | | | | | .4 | 2... |
| SE | .2 | .7 | 1.7 | 1.2 | .2 | .1 | | | | | | 4.4 | 7.2 |
| SSE | .4 | .4 | 3.2 | 4.8 | .9 | .1 | | | | | | 2.9 | 11.1 |
| S | .4 | 2.. | 6.3 | 11.3 | 2.4 | .9 | | | | | | .4 | 1...4 |
| SSW | .3 | .7 | 3.2 | 5.1 | 1.7 | | | | | | | 1.. | 1...1 |
| SW | .3 | .3 | 1.7 | 2.2 | .4 | | | | | | | .6 | 1... |
| WSW | .2 | .9 | 1.2 | 1.7 | .1 | .1 | | | | | | .2 | 1...7 |
| W | .2 | 1.2 | 2.2 | 1.4 | .3 | .2 | | | | | | .4 | 1...4 |
| WNW | .2 | .6 | .9 | 1.1 | .2 | .1 | | | | | | .2 | 11.. |
| NW | .3 | .2 | .9 | 1.1 | .1 | | | | | | | .2 | ..9 |
| NNW | .1 | 1.4 | 1.7 | 1.6 | .2 | .2 | .1 | | | | | .. | 1...4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.7 | |
| | .8 | 13.7 | 30.6 | 43.7 | 8.8 | 2.7 | .1 | | | | | | 1... |

TOTAL NUMBER OF OBSERVATIONS ...

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

...YES AFB, TX (STATION / STATION NAME) 70-75 (YEARS) ... (MONTH)

ALL WEATHER (CLASS) 1...-14... (HOURS (L.S.T.))

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 1.6 | 4.3 | 5.6 | .7 | .2 | | | | | | 13.3 | 1... |
| NNE | .2 | .3 | 1.6 | 1.9 | .1 | .2 | | | | | | 4.7 | 11.9 |
| NE | .2 | .2 | 1.1 | 1.2 | .1 | | | | | | | .2 | 9.7 |
| ENE | .1 | .4 | .7 | 1.1 | | | | | | | | 2.3 | 9.6 |
| E | .3 | .7 | .3 | .3 | .1 | | | | | | | 1.5 | 7.9 |
| ESE | .7 | 1... | .7 | .2 | | | | | | | | ...5 | ...7 |
| SE | .8 | .7 | 1.2 | 1.6 | .2 | | | | | | | 5... | 9... |
| SSE | .3 | 1.4 | 2.8 | 4.2 | .7 | .3 | .1 | | | | | 9.7 | 11.7 |
| S | .4 | .3 | 5.9 | 11.4 | 3.9 | .2 | .1 | | | | | 12.5 | 13.2 |
| SSW | .2 | 1.0 | 3.1 | 4.2 | .6 | .1 | | | | | | 9.2 | 11.2 |
| SW | .2 | 1.1 | 2.2 | 1.6 | .6 | .1 | .1 | | | | | 5.6 | 1...4 |
| WSW | .1 | .9 | .8 | 1.7 | | .1 | .2 | | | | | 3.4 | 13.7 |
| W | .2 | 1.0 | 1.9 | 2.7 | 1.1 | .3 | .1 | | | | | 7... | 1...1 |
| WNW | .4 | .9 | 1.3 | 1.4 | .2 | | | | | | | 4.7 | 10.1 |
| NW | | .7 | 1.3 | .9 | .2 | | | | | | | 3.1 | 1...4 |
| NNW | | .7 | 1.1 | 1.4 | .1 | .1 | .1 | | | | | 3.6 | 11.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .7 | |
| | 5.7 | 17.2 | 31.1 | 36.2 | 8.8 | 1.9 | .8 | | | | | 1...0 | 11.2 |

TOTAL NUMBER OF OBSERVATIONS ...

...EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] (STATION) EYES AFB IX (STATION NAME) 74-6[illegible] (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 | .2 | 1.3 | 2.4 | .0 | .6 | | | | | | | 4.6 | 10.8 |
| NNE | .2 | .6 | 2.1 | 1.7 | .3 | | | | | | | 4.9 | 10.3 |
| NE | | .7 | 2.1 | 1.2 | .3 | | | | | | | 4.3 | 10.6 |
| ENE | .6 | .7 | 1.3 | .2 | .1 | .1 | | | | | | 3.0 | 6.7 |
| E | .3 | .6 | 1.7 | 1.1 | | | | | | | | 3.7 | 8.7 |
| [illegible] | .4 | .3 | .4 | .6 | | | | | | | | 1.8 | 7.4 |
| [illegible] | .2 | 1.3 | 2.2 | 1.8 | .3 | | | | | | | 5.9 | 9.2 |
| [illegible] | | .7 | 4.4 | 6.9 | 1.9 | | .3 | | | | | 14.4 | 12.- |
| S | .4 | 1.8 | 6.9 | 13.9 | 2.6 | .1 | | | | | | 25.7 | 12.- |
| SSW | .2 | .2 | 1.3 | 2.1 | .4 | | | | | | | 4.2 | 10.4 |
| SW | .3 | 1.2 | 1.1 | 1.7 | .6 | | | | | | | 4.9 | 10.- |
| WSW | | .4 | 1.2 | 1.4 | .2 | | | | | | | 3.4 | 11.4 |
| W | .1 | .7 | 1.4 | 2.7 | .8 | .4 | | | | | | 6.- | 11.- |
| WNW | .4 | .1 | .4 | 1.4 | .7 | | | | | | | 3.1 | 10.7 |
| NW | .2 | .3 | 1.7 | 1.1 | .1 | | | | | | | 3.4 | 10.1 |
| NNW | .1 | .7 | 2.3 | 1.3 | .1 | .2 | | | | | | 4.7 | 10.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 4.4 | 11.6 | 33.3 | 34.3 | 9.0 | .9 | .3 | | | | | 100.- | 11.- |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] STATION  LUKE AFB, AZ STATION NAME  74-77 YEARS  [illegible] MONTH

ALL WEATHER CLASS  [illegible] HOURS (L.S.T.)

CONDITION

| SPEED KNTS / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.5 | 3.1 | 2.9 | .4 | | | | | | | 9.0 | [illegible] |
| NNE | .2 | .9 | 2.3 | 2.0 | .6 | | | | | | | 6.0 | [illegible] |
| NE | 1.0 | 1.2 | 1.9 | 1.1 | | | | | | | | 5.2 | 7.1 |
| ENE | .9 | 1.6 | 1.3 | .1 | | | | | | | | 3.9 | [illegible] |
| E | .7 | 1.7 | 1.6 | .4 | | | | | | | | 4.3 | [illegible] |
| ESE | .3 | 1.6 | 1.3 | .8 | | | | | | | | 4.1 | 7.6 |
| SE | .3 | 1.9 | 4.1 | 2.9 | .2 | .1 | | | | | | 9.6 | 9.6 |
| SSE | .6 | 1.6 | 5.4 | 8.6 | 1.7 | .2 | | | | | | 18.1 | 11.6 |
| S | 1.4 | 3.1 | 5.9 | 5.3 | 1.3 | .3 | | | | | | 17.4 | 9.9 |
| SSW | 1.6 | .7 | .3 | .8 | .1 | | | | | | | 3.4 | [illegible] |
| SW | .8 | 1.6 | .4 | .2 | .3 | | | | | | | 3.3 | [illegible] |
| WSW | 1.2 | 1.2 | .9 | .1 | | | | | | | | 3.3 | [illegible] |
| W | .3 | .7 | .9 | 1.1 | .1 | .1 | .2 | | | | | 3.4 | 1[illegible] |
| WNW | .1 | .3 | .7 | 1.2 | .1 | | | | | | | 2.4 | 1[illegible] |
| NW | .2 | .1 | .6 | .6 | .1 | | | | | | | 1.6 | 1[illegible] |
| NNW | .2 | .4 | .6 | .8 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | 11.0 | 25.0 | 31.3 | 28.9 | 5.0 | .6 | .2 | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | APR MONTH

ALL WEATHER CLASS | [illegible] HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.2 | .9 | 2.1 | .3 | .1 | | | | | | [illegible] | 10.3 |
| NNE | .7 | .7 | .3 | 1.7 | .2 | .2 | | | | | | [illegible] | 11.4 |
| NE | 1.7 | 1.2 | 1.6 | .8 | .1 | | | | | | | [illegible] | 6.7 |
| ENE | .7 | 1.3 | .8 | .3 | | | | | | | | [illegible] | 5.2 |
| E | 1.4 | 1.1 | .9 | .3 | | | | | | | | [illegible] | 5.5 |
| ESE | .9 | 1.6 | 1.1 | 1.0 | | | | | | | | [illegible] | 7.- |
| SE | 1.0 | 2.7 | 1.7 | 1.1 | .1 | | | | | | | [illegible] | 6.9 |
| SSE | .9 | 2.9 | 4.8 | 8.3 | 1.4 | .4 | | | | | | [illegible] | 11.1 |
| S | 2.9 | 4.0 | 6.4 | 5.9 | 1.8 | .1 | .1 | | | | | [illegible] | 9.3 |
| SSW | 2.9 | 1.8 | .7 | 1.2 | .2 | | | | | | | [illegible] | 5.4 |
| SW | 1.0 | 1.0 | .2 | | | .3 | | | | | | [illegible] | 6.4 |
| WSW | .3 | 1.3 | .3 | .1 | | | | | | | | [illegible] | 5.6 |
| W | .4 | 1.1 | .7 | | | | | | | | | [illegible] | [illegible] |
| WNW | .1 | .3 | 1.3 | .6 | | | | | | | | [illegible] | 6.7 |
| NW | .2 | .3 | | .1 | | | | | | | | [illegible] | [illegible] |
| NNW | .7 | .6 | .8 | .1 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.7 | |
| | 16.3 | 23.1 | 22.7 | 25.7 | 4.2 | 1.2 | .1 | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

# SURFACE WINDS

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

72260 DYESS AFB TX — 74-83 — ANNUAL
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 1.4 | 2.5 | 2.3 | .4 | .1 | | | | | | 7.4 | 5.7 |
| NNE | .3 | .6 | 1.5 | 1.5 | .4 | .1 | | | | | | 4.4 | 10.7 |
| NE | .5 | .7 | 1.3 | .8 | .1 | | | | | | | 3.4 | 6.3 |
| ENE | .4 | .7 | .6 | .4 | .0 | .0 | | | | | | 2.3 | 7.0 |
| E | .7 | .8 | .9 | .4 | .0 | | | | | | | 2.8 | 6.6 |
| ESE | .6 | .9 | .8 | .5 | .0 | | | | | | | 2.7 | 6.4 |
| SE | .6 | 1.2 | 1.9 | 1.4 | .2 | .0 | | | | | | 5.3 | 6.7 |
| SSE | .7 | 1.6 | 4.2 | 5.7 | 1.1 | .2 | .1 | .2 | | | | 13.6 | 11.4 |
| S | 1.5 | 3.4 | 6.9 | 8.4 | 2.3 | .6 | .0 | | | | | 23.1 | 11.2 |
| SSW | 1.3 | 1.4 | 2.2 | 2.7 | .5 | .2 | | | | | | 8.3 | 9.2 |
| SW | .9 | 1.2 | 1.1 | 1.1 | .3 | .1 | .0 | | | | | 4.7 | 8.4 |
| WSW | .4 | .7 | .9 | .7 | .1 | .0 | .0 | | | | | 2.9 | 8.4 |
| W | .5 | 1.1 | 1.3 | 1.1 | .3 | .2 | .0 | | | | | 4.8 | 9.7 |
| WNW | .4 | .7 | 1.1 | .8 | .2 | .2 | | | | | | 3.1 | 9.1 |
| NW | .7 | .6 | .8 | .6 | .1 | | | | | | | 2.8 | 8.7 |
| NNW | .3 | .8 | 1.2 | 1.0 | .1 | .1 | .0 | | | | | 3.4 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.1 | |
| | 10.1 | 17.9 | 29.0 | 29.3 | 6.7 | 1.4 | .2 | .0 | | | | | 8.1 |

TOTAL NUMBER OF OBSERVATIONS ...37...

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FISCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72265 STATION — DYESS AFB TX STATION NAME — 74-83 YEARS — MAY MONTH

ALL WEATHER CLASS — 0300-0900 HOURS (L.S.T.)

CONDITION

| SPEED KNTS / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 1.1 | 1.5 | .8 | .1 | | | | | | | 4.9 | 6.5 |
| NNE | .5 | .6 | 1.0 | .4 | | | | | | | | 2.6 | 7.2 |
| NE | .3 | .5 | 1.4 | .4 | | | | | | | | 2.7 | 7.2 |
| ENE | 1.0 | .6 | | .1 | | | | | | | | 1.7 | 4.2 |
| E | 1.2 | 1.6 | .4 | .1 | | | | | | | | 3.3 | 4.3 |
| ESE | .4 | 1.1 | .2 | .6 | | | | | | | | 2.9 | 7.2 |
| SE | 1.2 | 1.5 | 2.7 | 1.1 | | | | | | | | 6.5 | 7.3 |
| SSE | 2.0 | 3.9 | 5.3 | 5.1 | .9 | .1 | | | | | | 17.4 | 8.6 |
| S | 3.1 | 4.0 | 7.5 | 10.3 | 1.8 | .2 | | | | | | 27.0 | 10.1 |
| SSW | 1.3 | 1.3 | 2.6 | 1.9 | .1 | .1 | | | | | | 7.3 | 7.8 |
| SW | 1.7 | 1.2 | .8 | .3 | | | | | | | | 4.0 | 5.1 |
| WSW | .5 | .3 | .5 | | .1 | | | | | | | 1.5 | 6.3 |
| W | .5 | .9 | .3 | | | | | | | | | 1.7 | 4.3 |
| WNW | .5 | .8 | | .1 | | | | | | | | 1.4 | 4.1 |
| NW | .6 | .6 | .3 | | | | | | | | | 1.6 | 4.5 |
| NNW | .3 | .9 | .3 | | | | | | | | | 1.5 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.9 | |
| | 16.8 | 20.5 | 25.4 | 21.3 | 2.7 | .4 | | | | | | 13.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72265 STATION — DYESS AFB TX STATION NAME — 74-82 YEARS — MAY MONTH

ALL WEATHER CLASS — 00-05 HOURS (L S T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.7 | 1.8 | .3 | .1 | | | | | | | 4.5 | 7.6 |
| NNE | .4 | .8 | .8 | .3 | | | | | | | | 2.3 | 7.3 |
| NE | .6 | .3 | .4 | .3 | | | | | | | | 1.7 | 6.5 |
| ENE | .5 | 1.0 | | .2 | | | | | | | | 1.7 | 5.2 |
| E | .9 | 1.2 | .6 | .2 | | | | | | | | 2.9 | 5.6 |
| ESE | .4 | 1.5 | .8 | .6 | | | | | | | | 3.3 | 7.1 |
| SE | .9 | 1.2 | 2.0 | .9 | | | | | | | | 4.5 | 6.7 |
| SSE | 2.7 | 3.9 | 5.6 | 2.5 | .2 | | | | | | | 14.7 | 7.4 |
| S | 4.4 | 6.1 | 6.6 | 6.3 | 1.2 | .1 | | | | | | 24.7 | 8.2 |
| SSW | 1.9 | 1.9 | 3.0 | 2.4 | .2 | | | | | | | 9.4 | 8.0 |
| SW | 1.5 | .8 | 1.7 | .2 | | | | | | | | 4.2 | 5.7 |
| WSW | .6 | .4 | .2 | | | | | | | | | 1.2 | 4.9 |
| W | .8 | 1.3 | .1 | | | | | | | | | 2.2 | 4.1 |
| WNW | 1.5 | .5 | .2 | .1 | | | | | | | | 2.4 | 3.9 |
| NW | 1.0 | 1.3 | .6 | | | | | | | | | 3.0 | 4.8 |
| NNW | .6 | 1.1 | .6 | .1 | | | | | | | | 2.5 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.5 | |
| | 19.4 | 28.8 | 25.3 | 14.1 | 1.7 | .1 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 513

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

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

# SURFACE WINDS

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

22565 (STATION) LYCES. AFB TX (STATION NAME) 74-63 (YEARS) ... (MONTH)

ALL WEATHER (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 | 1.3 | 2.9 | 3.0 | 1.5 | | | | | | | | | |
| NNE | .2 | .5 | .8 | .3 | | | | | | | | | |
| NE | .3 | .3 | .1 | .1 | | | | | | | | | |
| ENE | .6 | .5 | .6 | .1 | | | | | | | | | |
| E | .5 | .3 | .4 | .3 | .1 | | | | | | | | |
| ESE | 1.1 | 1.5 | .9 | .2 | | | | | | | | | |
| SE | 1.3 | 2.4 | 1.8 | 1.0 | | .2 | | | | | | | |
| SSE | 2.3 | 3.2 | 5.4 | 2.3 | .2 | | | | | | | | |
| S | 2.4 | 4.5 | 6.8 | 6.5 | 1.2 | .1 | | | | | | | |
| SSW | 1.2 | 2.3 | 3.4 | 2.6 | .4 | | | | | | | | |
| SW | .6 | .6 | .9 | 1.1 | | | | | | | | | |
| WSW | .5 | .6 | .6 | .3 | | | | | | | | | |
| W | 1.4 | 1.3 | .3 | | | | | | | | | | |
| WNW | 1.2 | 1.3 | .9 | .1 | | | | | | | | | |
| NW | .9 | 1.6 | 1.2 | .1 | | | | | | | | | |
| NNW | .5 | .5 | 1.3 | .2 | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |
| | 16.2 | 25.4 | 26.7 | 16.6 | 1.9 | .3 | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS ...

USAFETAC FORM 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] WYES AF TX — 74-83 — MAY
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]
CLASS — HOURS (L.S.T.)

CONDITION

| SPEED (KNOTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 1.5 | 4.7 | 3.1 | .1 | | | | | | | 1[illegible] | [illegible] |
| NNE | .5 | .4 | 1.6 | .5 | | | | | | | | [illegible] | [illegible] |
| NE | 1.3 | 1.2 | .9 | .5 | | | | | | | | [illegible] | [illegible] |
| ENE | .4 | .7 | .6 | .1 | | | | | | | | [illegible] | [illegible] |
| E | .2 | .5 | .9 | .2 | | | | | | | | [illegible] | [illegible] |
| ESE | .2 | .7 | 1.4 | .3 | | | | | | | | [illegible] | [illegible] |
| SE | .2 | 1.5 | 2.2 | .9 | .1 | | | | | | | [illegible] | [illegible] |
| SSE | .4 | 1.5 | 5.4 | 4.3 | .4 | | | | | | | 1[illegible] | [illegible] |
| S | .3 | 1.9 | 12.1 | 9.0 | 1.5 | .2 | | | | | | 2[illegible] | [illegible] |
| SSW | .4 | 1.[illegible] | [illegible] | 9.3 | 1.4 | .2 | | | | | | 1[illegible] | [illegible] |
| SW | .5 | 1.1 | 1.3 | 1.4 | .2 | | | | | | | [illegible] | [illegible] |
| WSW | .3 | .9 | 1.0 | .2 | | | | | | | | [illegible] | [illegible] |
| W | .6 | .4 | .6 | .5 | | | | | | | | [illegible] | [illegible] |
| WNW | .2 | .2 | .5 | .4 | | | | | | | | [illegible] | [illegible] |
| NW | .1 | .5 | 1.2 | .2 | | | | | | | | [illegible] | [illegible] |
| NNW | .1 | 1.[illegible] | 1.9 | .8 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | [illegible] | 16.8 | [illegible] | 27.0 | 3.8 | .4 | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

...L CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

# SURFACE WINDS

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

[illegible] DYESS AFB TX — 74-83 — YEARS — [illegible]
STATION — STATION NAME — MONTH

ALL ALTITUDES — [illegible]
CLASS — HOURS (L S T)

CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.7 | 4.1 | 1.6 | .1 | | | | | | | .6 | [illegible] |
| NNE | .5 | 1.3 | 2.5 | .2 | | | | | | | | [illegible] | 7.1 |
| NE | .5 | .6 | 2.6 | .4 | | | | | | | | [illegible] | 7.6 |
| ENE | .5 | 1.3 | .6 | .2 | .2 | | | | | | | 2.7 | 7.6 |
| E | .3 | 1.2 | 1.3 | .1 | | | | | | | | [illegible] | [illegible] |
| ESE | .2 | .2 | .2 | .2 | | | | | | | | 1.4 | 7.1 |
| SE | .6 | 1.6 | 3.3 | 1.9 | .1 | | | | | | | [illegible] | [illegible] |
| SSE | .2 | 1.9 | 5.6 | 5.2 | .5 | .1 | | | | | | [illegible] | [illegible] |
| S | .6 | 2.3 | 13.5 | 9.1 | 1.2 | .1 | | | | | | [illegible] | [illegible] |
| SSW | .3 | .3 | 4.1 | 3.3 | .2 | | | | | | | [illegible] | [illegible] |
| SW | .4 | 1.3 | 1.6 | 1.3 | .3 | | | | | | | [illegible] | [illegible] |
| WSW | .6 | .3 | 1.1 | .6 | | | | | | | | [illegible] | [illegible] |
| W | .1 | .3 | .9 | .4 | | | | | | | | [illegible] | [illegible] |
| WNW | .5 | .9 | 1.- | .2 | | | | | | | | [illegible] | [illegible] |
| NW | .4 | .3 | .6 | | | | | | | | | 1.7 | [illegible] |
| NNW | .3 | .6 | 1.7 | 1.6 | .1 | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | 7.3 | 16.1 | 42.3 | [illegible] | 3.8 | [illegible] | | | | | | 1 | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

AFGWC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME 7[illegible] YEARS [illegible] MONTH

[illegible] ALL WEATHER CLASS [illegible] HOURS [illegible]

[illegible] CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 1.7 | 2.6 | 1.5 | .1 | | | | | | | 1.[illegible] | [illegible] |
| NNE | .3 | 1.1 | 1.[illegible] | .9 | .4 | .1 | | | | | | 3.[illegible] | [illegible] |
| NE | .2 | 1.[illegible] | 2.5 | .5 | .1 | | | | | | | 4.4 | [illegible].1 |
| ENE | .1 | .6 | 1.0 | .2 | .2 | | | | | | | [illegible].[illegible] | 1.[illegible] |
| E | .2 | 1.2 | 1.[illegible] | 1.[illegible] | | | | | | | | .[illegible] | 1.[illegible] |
| ESE | .2 | 1.[illegible] | 1.[illegible] | 1.1 | | | | | | | | .[illegible] | 1.[illegible] |
| SE | .4 | 1.[illegible] | 3.4 | 2.8 | 1.2 | | | | | | | .7 | 1.[illegible] |
| SSE | .3 | 1.[illegible] | 3.2 | 2.8 | .9 | | | | | | | 11.1 | 11.[illegible] |
| S | .2 | 2.3 | 3.9 | 3.8 | 1.3 | .2 | | | | | | [illegible].[illegible] | 11.4 |
| SSW | | 1.9 | 3.4 | 1.5 | .2 | | | | | | | [illegible].[illegible] | 9.3 |
| SW | .2 | .[illegible] | 1.2 | 1.4 | | | | | | | | [illegible].[illegible] | [illegible].[illegible] |
| WSW | .2 | 1.1 | 1.[illegible] | .5 | | | | | | | | [illegible].[illegible] | [illegible].[illegible] |
| W | .4 | .4 | .8 | .2 | | | | | | | | [illegible].[illegible] | [illegible].[illegible] |
| WNW | .1 | .[illegible] | .9 | .2 | | | | | | | | 1.[illegible] | [illegible].[illegible] |
| NW | .2 | .[illegible] | 1.2 | .2 | | | | | | | | [illegible].[illegible] | 7.[illegible] |
| NNW | .4 | 1.1 | 1.3 | .5 | .1 | | | | | | | [illegible].4 | 7.[illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | [illegible].3 | 1.[illegible] | 35.9 | 3.7 | 4.3 | .4 | | | | | 1 | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

# SURFACE WINDS

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

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

[illegible] CLASS HOURS (L.S.T.)

CONDITION

| PERCENTAGE FREQUENCY DIR | 1 | 4 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.6 | 2.6 | .5 | .1 | .1 | | | | | | [illegible] | [illegible] |
| NNE | .5 | 1.5 | 1.4 | 1.2 | | | | | | | | [illegible] | [illegible] |
| NE | .2 | 1.5 | 2.7 | .6 | | | | | | | | [illegible] | [illegible] |
| ENE | 1.2 | [illegible] | 1.2 | .2 | | | | | | | | [illegible] | [illegible] |
| E | 1.3 | 2.2 | 2.1 | .2 | | | | | | | | [illegible] | [illegible] |
| ESE | .6 | 1.7 | 2.2 | .8 | .1 | | | | | | | [illegible] | [illegible] |
| SE | .4 | 1.5 | 5.4 | 4.4 | .5 | .2 | | | | | | [illegible] | [illegible] |
| SSE | .3 | 1.0 | 6.6 | 2.2 | 1.5 | | | | | | | [illegible] | [illegible] |
| S | .3 | 2.4 | 4.9 | 7.9 | 1.2 | .3 | | | | | | [illegible] | [illegible] |
| SSW | .6 | 1.7 | .9 | .6 | .1 | | | | | | | [illegible] | [illegible] |
| SW | .6 | 1.1 | .6 | .1 | .1 | | | | | | | [illegible] | [illegible] |
| WSW | .3 | .4 | .7 | .1 | | | | | | | | [illegible] | [illegible] |
| W | .1 | .3 | .1 | | | | | | | | | [illegible] | [illegible] |
| WNW | .2 | .5 | .1 | | .1 | | | | | | | [illegible] | [illegible] |
| NW | .1 | .2 | .4 | .3 | | | | | | | | [illegible] | [illegible] |
| NNW | .4 | 1.0 | .8 | .2 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | * | |
| | 1.7 | [illegible] | [illegible] | [illegible] | 4.1 | [illegible] | | | | | | [illegible] | |

TOTAL NUMBER OF OBSERVATIONS [illegible]

# SURFACE WINDS

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

| DIRECTION AND SPEED (KNOTS) | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 1.2 | .9 | .5 | .2 | | | | | | | 3.9 | 4.4 |
| NNE | .5 | 1.2 | 1.2 | .8 | | | | | | | | 3.7 | 4.4 |
| NE | .5 | 1.5 | 1.4 | .5 | | | | | | | | 3.9 | 4.3 |
| ENE | 1. | . | .2 | .3 | | | | | | | | .6 | 3.2 |
| E | 1.2 | .2 | 1.1 | .2 | | | | | | | | 2.7 | 3.8 |
| ESE | 1.2 | 1.1 | 1.2 | .5 | | | | | | | | 4.0 | 4.1 |
| SE | 1.7 | 2.2 | 1.1 | .7 | .2 | | | | | | | 5.9 | 4.1 |
| SSE | .3 | 1.1 | .9 | .5 | 1.2 | .1 | | | | | | 4.1 | 5.7 |
| S | .6 | 1. | .7 | .6 | 1.2 | .2 | | | | | | 4.3 | 5.8 |
| SSW | 1.1 | .4 | .2 | .2 | .1 | | | | | | | 2.0 | 3.6 |
| SW | 1. | .5 | .2 | | | | | | | | | 1.7 | 3.3 |
| WSW | .1 | .1 | .1 | | | | | | | | | .3 | 3.7 |
| W | . | . | | .2 | | | | | | | | 1.4 | 4.7 |
| WNW | .4 | | .1 | .2 | | | | | | | | .7 | 3.4 |
| NW | .3 | .1 | | | | | | | | | | .4 | 2.8 |
| NNW | .2 | .3 | | .2 | | | | | | | | .7 | 4.0 |
| VARY | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.7 | |
| | 11.7 | 11.2 | 6.7 | 4.6 | 2.0 | .3 | | | | | 1 | | 4.4 |

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

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

STATION _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

| SPEED (KNOTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

[illegible] CLIMATOLOGY BRANCH
[illegible]

# SURFACE WINDS

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

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

ALL WEATHER CLASS | [illegible] HOURS L S T

CONDITION

| SPEED (KNOTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | .5 | .9 | .1 | | | | | | | | [illegible] | [illegible] |
| NNE | .2 | .7 | .8 | .3 | | | | | | | | [illegible] | [illegible] |
| NE | .3 | .7 | .9 | .4 | | | | | | | | [illegible] | [illegible] |
| ENE | .7 | .5 | | | | | | | | | | .7 | [illegible] |
| E | .6 | .3 | .9 | .2 | | | | | | | | [illegible] | [illegible] |
| ESE | 1.1 | 1.2 | .2 | .1 | | | | | | | | [illegible] | [illegible] |
| SE | .3 | 2.4 | 1.4 | .2 | | | | | | | | [illegible] | [illegible] |
| SSE | 1.2 | 5.1 | 6.2 | 2.7 | .3 | .2 | .2 | | | | | [illegible] | [illegible] |
| S | 3.7 | 9.9 | 12.3 | 12.4 | .2 | | | | | | | [illegible] | [illegible] |
| SSW | 1.3 | 1.3 | 3.5 | 2.7 | | | | | | | | [illegible] | [illegible] |
| SW | 1.4 | .9 | .4 | .4 | | | | | | | | [illegible] | [illegible] |
| WSW | .6 | .1 | .1 | .1 | | | | | | | | [illegible] | [illegible] |
| W | .7 | .3 | .7 | .1 | | | | | | | | [illegible] | [illegible] |
| WNW | .2 | .1 | .3 | | | | | | | | | [illegible] | [illegible] |
| NW | .1 | | .1 | .1 | .1 | | | | | | | [illegible] | [illegible] |
| NNW | .4 | .2 | .1 | .1 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.2 | |
| | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

# SURFACE WINDS

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

[illegible] STATION — [illegible] AFB TX — [illegible] STATION NAME — 73-82 YEARS — [illegible] MONTH

ALL WEATHER CLASS — [illegible] HOURS (L S T)

CONDITION

| WIND DIR | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.1 | 1.2 | .2 | | | | | | | [illegible] | [illegible] |
| NNE | | .2 | .6 | | | | | | | | 1.1 | [illegible] |
| NE | .6 | .7 | .7 | .1 | | | | | | | [illegible] | [illegible] |
| ENE | .4 | | .4 | | | | | | | | .8 | [illegible] |
| E | .8 | .4 | .4 | | | | | | | | 1.7 | [illegible] |
| ESE | .6 | 1.2 | .3 | | | | | | | | 1.1 | [illegible] |
| SE | .3 | 1.1 | .2 | .1 | | | | | | | .3 | [illegible] |
| SSE | 2.4 | 3.2 | 4.3 | 1.2 | .2 | .1 | | | | | 1.3 | [illegible] |
| S | 5.7 | 8.9 | 14.2 | 8.4 | 1.6 | .2 | | | | | [illegible] | [illegible] |
| SSW | 2.1 | 3.7 | 3.3 | 1.6 | | | | | | | 1.7 | [illegible] |
| SW | 1.8 | 1.1 | 1.3 | .6 | | | | | | | .6 | [illegible] |
| WSW | .6 | .1 | .2 | | | | | | | | 1.2 | [illegible] |
| W | .6 | .1 | .1 | | | | | | | | [illegible] | [illegible] |
| WNW | .1 | .3 | .1 | .1 | .1 | | | | | | [illegible] | [illegible] |
| NW | .2 | .2 | .1 | | | | | | | | 1.2 | [illegible] |
| NNW | .4 | .3 | .6 | | | | | | | | 1.3 | [illegible] |
| VARBL | | | | | | | | | | | | |
| CALM | | | | | | | | | | | 1.2 | |
| | 1.3 | 23.- | 49.9 | 12.2 | 2.0 | .3 | | | | | 13.- | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

...STATION ...YEES AF, IY STATION NAME ...75-7... YEARS ...MONTH

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

CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.4 | 1.4 | .3 | | | | | | | | 3.8 | ...5 |
| NNE | .3 | .6 | .7 | .1 | .1 | | | | | | | 1.8 | 7.1 |
| NE | .2 | .7 | .2 | | | | | | | | | 1.1 | 5.2 |
| ENE | .3 | .7 | .3 | | | | | | | | | 1.7 | 4.2 |
| E | .7 | .8 | .2 | .1 | | | | | | | | 1.8 | ...5 |
| ESE | 1.2 | .9 | .2 | | | | | | | | | ...3 | 4.2 |
| SE | 1.3 | 2.2 | .7 | .6 | | | | | | | | 4.4 | 5.6 |
| SSE | 2.6 | 3.3 | 3.4 | 1.9 | .3 | | | | | | | 11.5 | 7.2 |
| S | 3.5 | 6.9 | 12.2 | 10.0 | 1.1 | | | | | | | 23.7 | 9.2 |
| SSW | 2.1 | 2.9 | 6.3 | 2.2 | .4 | | | | | | | 14.... | ...6 |
| SW | .8 | 1.7 | 1.3 | 1.1 | | | | | | | | 5.3 | 7.4 |
| WSW | .6 | .9 | .6 | | | | | | | | | ...1 | 4.6 |
| W | .6 | .6 | .2 | .1 | | | | | | | | 1.7 | 4.5 |
| WNW | .4 | .2 | .4 | | | | | | | | | 1.1 | 5.4 |
| NW | .3 | .2 | .3 | .1 | | | | | | | | 1.4 | 4.7 |
| NNW | .3 | .3 | .3 | | .1 | | | | | | | 1.1 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.4 | |
| | 14.3 | 24.1 | 29.4 | 16.6 | 2.1 | | | | | | | 130.... | ...7 |

TOTAL NUMBER OF OBSERVATIONS ...

...ARE A... FORM ... EDITIONS OF THIS FORM ARE OBSOLETE

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
AIR [illegible]EATHER SERVICE/MAC

# SURFACE WINDS

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

[illegible] 23665 DYESS AFB TX 73-82 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1200
CLASS HOURS (LST)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 1.6 | 1.3 | .4 | | | | | | | | 3.5 | 6.4 |
| NNE | .4 | 1.1 | .3 | .2 | | | | | | | | 2.0 | 5.2 |
| NE | .2 | 1.0 | 1.0 | .1 | | | | | | | | 2.4 | 6.6 |
| ENE | .4 | 1.2 | .8 | .1 | | | | | | | | 2.5 | 5.7 |
| E | .8 | 1.7 | .9 | .1 | | | | | | | | 3.4 | 5.6 |
| ESE | 1.1 | .6 | .8 | .1 | | | | | | | | 2.6 | 5.3 |
| SE | .7 | 1.3 | 1.2 | .2 | | | | | | | | 3.1 | 6.2 |
| SSE | 1.3 | 3.6 | 2.3 | 1.1 | .2 | .1 | | | | | | 8.4 | 7.4 |
| S | .7 | 3.8 | 11.2 | 14.8 | 1.7 | .1 | | | | | | 32.2 | 10.5 |
| SSW | .3 | 1.3 | 7.3 | 9.7 | .7 | | | | | | | 19.4 | 10.6 |
| SW | .3 | 1.3 | 4.1 | 2.8 | .1 | | | | | | | 8.3 | 8.2 |
| WSW | .7 | .9 | 1.5 | | | | | | | | | 3.0 | 5.4 |
| W | .3 | .9 | .4 | | | | | | | | | 1.7 | 5.3 |
| WNW | .2 | .4 | .3 | | | | | | | | | 1.0 | 4.2 |
| NW | .1 | .6 | .4 | | | | | | | | | 1.1 | 6.1 |
| NNW | .3 | .7 | .9 | .1 | | | | | | | | 2.0 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 9.7 | 22.1 | 34.9 | 31.4 | 2.8 | .2 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 630

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

72265 — STATION
LYESS AFB TX — STATION NAME
72-82 — 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 | .9 | 1.3 | 1.3 | .6 | | | | | | | | 4.1 | 6.7 |
| NNE | .3 | 2.0 | .7 | .6 | | | | | | | | 3.6 | 6.6 |
| NE | .4 | 1.5 | 1.2 | .9 | .2 | | | | | | | 4.2 | 7.3 |
| ENE | .8 | 1.4 | 1.4 | .1 | | | | | | | | 3.8 | 6.1 |
| E | 1.2 | 1.8 | .9 | .2 | | | | | | | | 4.1 | 5.6 |
| ESE | .4 | 1.9 | 1.6 | .1 | .1 | | | | | | | 4.1 | 6.7 |
| SE | .8 | 1.8 | 2.7 | .6 | | | | | | | | 5.8 | 7.5 |
| SSE | .7 | 3.0 | 4.1 | 3.3 | .3 | | .2 | | | | | 11.7 | 9.4 |
| S | .9 | 4.3 | 12.9 | 14.6 | .3 | | .1 | | | | | 33.1 | 10.3 |
| SSW | .6 | 1.4 | 5.6 | 5.3 | .1 | | | | | | | 12.2 | 10.2 |
| SW | .6 | .3 | 2.6 | 1.6 | .3 | | | | | | | 5.3 | 9.7 |
| WSW | .1 | .4 | .3 | | .1 | | | | | | | 1.2 | 7.4 |
| W | .2 | .4 | .1 | | | | | | | | | .8 | 4.4 |
| WNW | .2 | .2 | .4 | | | | | | | | | .9 | 5.6 |
| NW | .3 | .1 | .1 | .1 | | | | | | | | .7 | 6.2 |
| NNW | .7 | 1.0 | .1 | | | | | | | | | 1.8 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 8.9 | 23.4 | 36.6 | 27.8 | 1.6 | | .3 | | | | | 100.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC FORM JUL 74 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] DYESS AFB TX — 73-82 — JUL
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0300-1200
CLASS — HOURS (L S T)

CONDITION

| SPEED (KNTS) / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | 1.0 | 1.4 | .7 | | | | | | | | [illegible] | [illegible] |
| NNE | .2 | 1.1 | 2.0 | .7 | | | | | | | | [illegible] | [illegible] |
| NE | .4 | 1.0 | 1.0 | .4 | | | | | | | | [illegible] | [illegible] |
| ENE | .6 | 1.0 | 2.2 | .9 | | | | | | | | [illegible] | [illegible] |
| E | .6 | 1.0 | 1.1 | .7 | | | | | | | | [illegible] | [illegible] |
| ESE | .5 | 1.7 | 1.4 | .4 | | | | | | | | [illegible] | [illegible] |
| SE | .4 | 1.9 | 3.7 | 1.3 | | | | | | | | [illegible] | [illegible] |
| SSE | 1.1 | 2.0 | 6.6 | 6.4 | .6 | .2 | .1 | | | | | [illegible] | [illegible] |
| S | .7 | 4.6 | 12.0 | 10.7 | 1.1 | | | | | | | [illegible] | [illegible] |
| SSW | .6 | .7 | 3.6 | 2.6 | | | | | | | | [illegible] | [illegible] |
| SW | .1 | .9 | .9 | .7 | .4 | | | | | | | [illegible] | [illegible] |
| WSW | | .2 | .3 | .2 | | | | | | | | [illegible] | [illegible] |
| W | .1 | .2 | .1 | .1 | | | | | | | | [illegible] | [illegible] |
| WNW | .3 | .1 | .1 | .1 | | | | | | | | [illegible] | [illegible] |
| NW | .2 | .1 | .1 | | | | | | | | | [illegible] | [illegible] |
| NNW | .6 | .4 | | .1 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 7.6 | 19.4 | 36.8 | 32.0 | 2.1 | .2 | .1 | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] 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)

722665 (STATION) KYESS AFB TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1811-2200 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) / DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | .9 | 1.3 | .2 | | | | | | | | 3.1 | 6.5 |
| NNE | .6 | .8 | 1.1 | .2 | | | | | | | | 2.7 | 7.1 |
| NE | .4 | 1.2 | .8 | .6 | | | | | | | | 3.1 | 7.1 |
| ENE | .2 | 1.4 | 1.2 | .3 | | | | | | | | 3.2 | 6.7 |
| E | 1.1 | 3.3 | 2.1 | .7 | | | | | | | | 7.2 | 6.2 |
| ESE | 1.0 | 2.6 | 2.3 | .6 | .1 | | | | | | | 6.6 | 6.8 |
| SE | .9 | 2.4 | 5.6 | 2.4 | .3 | | | | | | | 11.7 | 8.3 |
| SSE | .7 | 5.0 | 9.7 | 6.6 | .7 | .4 | | | | | | 23.0 | 9.7 |
| S | 1.3 | 5.3 | 13.0 | 10.3 | .4 | | | | | | | 30.9 | 9.4 |
| SSW | .7 | 1.1 | 1.4 | .4 | | | | | | | | 3.7 | 6.9 |
| SW | .1 | .1 | .9 | | | | | | | | | 1.1 | 7.4 |
| WSW | | .2 | | .1 | .1 | | | | | | | .4 | 10.3 |
| W | | .2 | | .1 | | | | | | | | .3 | 7.7 |
| WNW | .2 | .1 | | | | | | | | | | .3 | 2.7 |
| NW | | .2 | | .1 | | | | | | | | .3 | 6.7 |
| NNW | .1 | .1 | .1 | .1 | | | | | | | | .4 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.1 | |
| | 8.4 | 25.0 | 39.6 | 22.6 | 1.7 | .4 | | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72265 / LYNDS AFB TX / 77-82 / JUL

STATION / STATION NAME / YEARS / MONTH

ALL WEATHER / CLASS

1300-2300 / HOURS (L S T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | .6 | .8 | .2 | | | | | | | | 1.9 | 6.6 |
| NNE | .2 | .6 | .4 | .4 | | | | | | | | 1.7 | 7.4 |
| NE | .2 | .2 | .8 | .3 | | | | | | | | 1.4 | 6.8 |
| ENE | .7 | 1.1 | .1 | .6 | | | | | | | | 2.4 | 6.0 |
| E | 2.1 | 1.2 | 1.1 | | | | | | | | | 4.4 | 4.6 |
| ESE | 1.7 | 2.2 | 2.2 | | | | | | | | | 6.1 | 5.5 |
| SE | .7 | 4.0 | 3.6 | .6 | | | | | | | | 8.9 | 6.5 |
| SSE | 2.3 | 5.9 | 9.3 | 4.9 | .6 | .2 | | | | | | 22.9 | 8.4 |
| S | 4.2 | 9.3 | 11.4 | 7.7 | .2 | | | | | | | 32.9 | 8.0 |
| SSW | 1.9 | 1.8 | 1.3 | .4 | | | | | | | | 5.7 | 5.0 |
| SW | .3 | .2 | .3 | .3 | | | | | | | | 1.2 | 7.3 |
| WSW | .4 | .2 | .1 | | | .1 | | | | | | .8 | 6.6 |
| W | .1 | | | .1 | .1 | | .1 | | | | | .4 | 17.0 |
| WNW | | .1 | .1 | | .1 | | | | | | | .3 | 11.7 |
| NW | .2 | .2 | .2 | .1 | | | | | | | | .8 | 6.8 |
| NNW | .2 | .2 | | | | | | | | | | .4 | 3.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .6 | |
| | 19.3 | 37.1 | 41.8 | 15.7 | 1.0 | .3 | .1 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 526

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

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

# SURFACE WINDS

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

13588 — WYE'S AFB TX — 72-82 — JUL
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

| SPEED KNTS. DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.1 | 1.2 | .3 | | | | | | | | .3 | 5.8 |
| NNE | .3 | .7 | .9 | .3 | .0 | | | | | | | .4 | 6.1 |
| NE | .4 | .5 | .9 | .3 | .0 | | | | | | | .3 | 6.1 |
| ENE | .5 | .7 | .6 | .2 | | | | | | | | .2 | 5.2 |
| E | 1.1 | 1.4 | 1.2 | .2 | | | | | | | | .3 | 5.2 |
| ESE | 1.0 | 1.5 | 1.1 | .2 | .1 | | | | | | | .4 | 6.1 |
| SE | .7 | 2.1 | 2.4 | .7 | .1 | | | | | | | 1.2 | 7.1 |
| SSE | 1.6 | 4.1 | 5.7 | 3.5 | .4 | .0 | .1 | | | | | 1.6 | 8.2 |
| S | 2.6 | 6.5 | 12.4 | 11.9 | .9 | .0 | .0 | | | | | 34.3 | 7.4 |
| SSW | 1.2 | 1.9 | 4.1 | 2.9 | .2 | | | | | | | 1.2 | 6.7 |
| SW | .7 | .8 | 1.5 | .9 | .1 | | | | | | | .4 | 6.1 |
| WSW | .4 | .4 | .3 | .1 | .0 | .0 | | | | | | .2 | 5.3 |
| W | .5 | .5 | .2 | .1 | .0 | | .0 | | | | | .2 | 5.0 |
| WNW | .2 | .3 | .2 | .0 | .0 | | | | | | | .1 | 5.4 |
| NW | .3 | .2 | .2 | .1 | .0 | | | | | | | .1 | 5.6 |
| NNW | .4 | .4 | .3 | .1 | .0 | | | | | | | .1 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.9 | |
| | 14.2 | 33.4 | 33.4 | 21.8 | 1.8 | .0 | .1 | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 2272

...AFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
...

# SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH

CLASS _____ HOURS (L S T)

CONDITION

| SPEED (KNOTS) / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .3 | .1 | .1 | | | | | | | | | |
| NNE | .4 | .2 | | | | | | | | | | | |
| NE | .2 | .1 | .1 | | | | | | | | | | |
| ENE | .2 | .3 | .1 | | | | | | | | | | |
| E | 1.1 | .6 | | | | | | | | | | 1.7 | |
| ESE | .4 | .2 | .4 | .1 | | | | | | | | 1.1 | |
| SE | .6 | 1.6 | .9 | .2 | | | | | | | | 3.2 | |
| SSE | 2.9 | 5.2 | 5.3 | .5 | | | | | | | | 13.9 | |
| S | 4.7 | 11.1 | 11.3 | 3.8 | | | | | | | | 30.9 | |
| SSW | 2.6 | 1.9 | 2.0 | .1 | | | | | | | | 6.6 | |
| SW | .3 | .4 | .7 | | | | | | | | | 1.4 | |
| WSW | .3 | .1 | .2 | | | | | | | | | .6 | |
| W | .4 | .4 | .1 | .2 | | | | | | | | 1.1 | |
| WNW | .1 | .3 | | | | | | | | | | .4 | |
| NW | .3 | .1 | | | | | | | | | | .4 | |
| NNW | | .1 | | | | | | | | | | .1 | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.4 | |
| | 14.7 | 30.4 | 31.5 | 7.2 | | | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ EST

CONDITION _____

| WIND DIR. | 1 - 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 | .1 | | | | | | | | | .6 | 4.3 |
| NNE | .3 | .3 | .1 | | | | | | | | | .5 | 4.2 |
| NE | .4 | .4 | | | | | | | | | | .8 | 3.8 |
| ENE | .4 | .1 | | | | | | | | | | .5 | 3.5 |
| E | .2 | .2 | .2 | | | | | | | | | .6 | 4.3 |
| ESE | .2 | .2 | .2 | | | | | | | | | .6 | 4.3 |
| SE | 1.2 | 1.1 | .2 | | | | | | | | | 2.5 | 3.4 |
| SSE | 2.2 | 1.4 | .3 | .2 | | | | | | | | 4.1 | 3.5 |
| S | 7.4 | 10.7 | 11.9 | 4.2 | | | | | | | | 34.2 | 4.8 |
| SSW | 2.7 | 4.8 | 2.6 | .3 | | | | | | | | 10.4 | 4.1 |
| SW | 1.2 | 1.2 | .2 | | | | | | | | | 2.6 | 3.6 |
| WSW | .1 | .2 | | | | | | | | | | .3 | 3.3 |
| W | .2 | .2 | .1 | | | | | | | | | .5 | 3.8 |
| WNW | .2 | .1 | .2 | | | | | | | | | .5 | 3.4 |
| NW | .2 | .2 | .1 | | | | | | | | | .5 | 3.8 |
| NNW | .2 | .5 | | | | | | | | | | .7 | 3.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .1 | |
| | 19.4 | 23.4 | 15.1 | 4.7 | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED FROM HOURLY OBSERVATIONS;

YEARS

MONTH

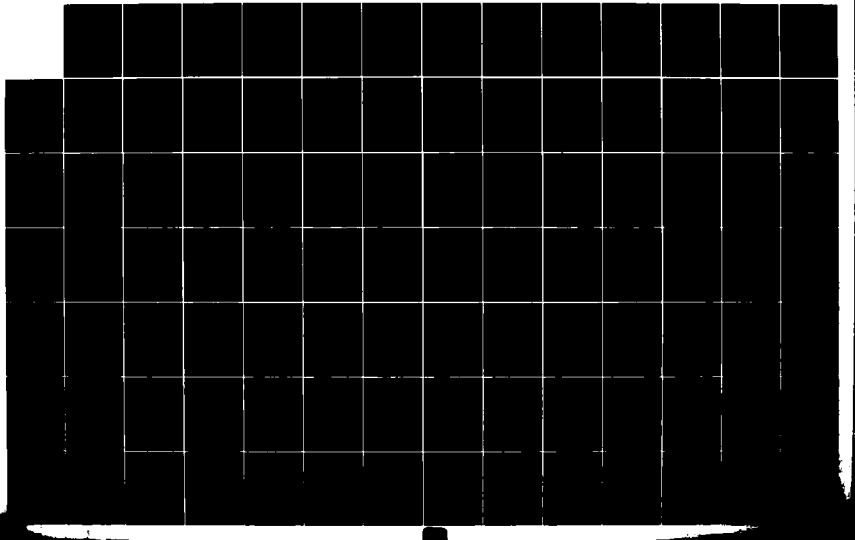
CLASS

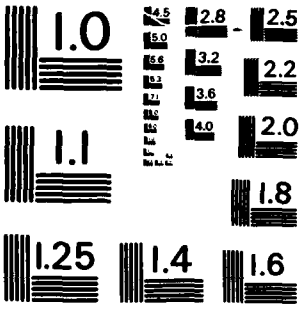
| UPPER END OF WIND SPEED CLASS | 4 | 4-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | |
| NE | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | |
| E | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | |
| SE | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | |
| S | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | |
| SW | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | |
| NW | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

AD-A137 575 DYESS AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 21 SEP 83

UNCLASSIFIED USAFETAC/DS-83/045 SBI-AD-E850 488 F/G 4/2 NL






MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72266 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0900-1200 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | .9 | .9 | .1 | | | | | | | | 2.8 | 5.3 |
| NNE | .2 | .8 | .3 | | | | | | | | | 1.3 | 5.6 |
| NE | .8 | 1.5 | .6 | | | | | | | | | 2.9 | 4.8 |
| ENE | .6 | 1.0 | | | | | | | | | | 1.6 | 3.8 |
| E | .3 | .6 | .2 | | | | | | | | | 1.2 | 4.6 |
| ESE | .2 | .6 | .1 | | | | | | | | | 1.0 | 4.8 |
| SE | .6 | .4 | .0 | | | | | | | | | 1.5 | 4.9 |
| SSE | .8 | 1.8 | 3.7 | 1.3 | | | | | | | | 7.5 | 6.0 |
| S | 1.3 | 6.2 | 15.1 | 7.7 | .4 | | | | | | | 31.8 | 8.8 |
| SSW | 1.1 | 4.4 | 11.2 | 4.9 | | | | | | | | 21.6 | 8.5 |
| SW | .8 | 4.2 | 4.2 | .6 | | | | | | | | 9.8 | 6.9 |
| WSW | 1.3 | 2.5 | 1.6 | | | | | | | | | 5.4 | 5.3 |
| W | 1.4 | 2.2 | .3 | | | | | | | | | 3.9 | 4.3 |
| WNW | .4 | .4 | | .1 | | | | | | | | 1.0 | 4.3 |
| NW | 1.1 | .6 | | | | | | | | | | 1.7 | 3.2 |
| NNW | .5 | .6 | .8 | | | | | | | | | 1.9 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.5 | |
| | 12.5 | 29.8 | 39.8 | 14.8 | .4 | | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AA 64 0-8-5 .OL-A1 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)

7226 65 — STATION — DYESS AFB TX — STATION NAME — 73-82 — 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 | .8 | 1.2 | 1.1 | .4 | | | | | | | | 3.4 | 6.3 |
| NNE | .3 | 1.4 | .5 | | | | | | | | | 2.3 | 5.3 |
| NE | .6 | 1.1 | 1.1 | | | | | | | | | 2.8 | 5.8 |
| ENE | 1.0 | 1.2 | .9 | .1 | | | | | | | | 3.1 | 5.4 |
| E | 1.1 | 1.4 | 1.0 | | .3 | | | | | | | 3.6 | 6.3 |
| ESE | .2 | 1.0 | .9 | .4 | .1 | | | | | | | 2.6 | 7.8 |
| SE | 1.3 | 2.3 | 2.7 | .8 | .1 | | | | | | | 7.1 | 6.9 |
| SSE | .5 | 2.7 | 8.8 | 3.0 | .1 | | | | | | | 15.2 | 6.7 |
| S | 1.5 | 9.0 | 15.7 | 7.0 | .4 | | | | | | | 33.7 | 6.5 |
| SSW | .4 | 3.4 | 4.5 | 1.4 | | | | | | | | 9.8 | 7.6 |
| SW | 1.1 | 2.6 | 2.2 | .1 | | | | | | | | 5.9 | 5.7 |
| WSW | .8 | .6 | .3 | | | | | | | | | 1.7 | 4.5 |
| W | .3 | .5 | .3 | | | | | | | | | 1.2 | 5.4 |
| WNW | .5 | .2 | .2 | .1 | | | | | | | | 1.1 | 5.5 |
| NW | .1 | .6 | .6 | | | | | | | | | 1.8 | 6.6 |
| NNW | 1.0 | .5 | .3 | | | | | | | | | 1.8 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 11.5 | 29.8 | 41.1 | 17.3 | 1.1 | | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 936

454

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)

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (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 | 1.1 | 1.3 | .1 | | | | | | | | 2.9 | 6.2 |
| NNE | .9 | .9 | .8 | .2 | .1 | | | | | | | 2.8 | 6.2 |
| NE | .5 | .6 | .8 | .9 | | | | | | | | 2.8 | 6.5 |
| ENE | .5 | 1.6 | 1.2 | .4 | | .1 | | | | | | 3.9 | 7.1 |
| E | .9 | 2.4 | 1.9 | .5 | | | | | | | | 5.7 | 6.7 |
| ESE | .5 | 2.4 | 1.8 | .1 | | | | | | | | 4.6 | 6.1 |
| SE | .6 | 3.2 | 4.9 | 1.0 | | | | | | | | 9.8 | 7.3 |
| SSE | 1.3 | 5.2 | 10.3 | 3.9 | .2 | | | | | | | 20.9 | 8.3 |
| S | 1.7 | 6.8 | 16.0 | 8.6 | .4 | | | | | | | 33.5 | 8.9 |
| SSW | .1 | 1.9 | 3.2 | .6 | | | | | | | | 5.9 | 7.8 |
| SW | .4 | 1.1 | .4 | | | | | | | | | 1.9 | 4.9 |
| WSW | .2 | .1 | .2 | .1 | | | | | | | | .6 | 7.5 |
| W | .1 | .2 | .1 | | .1 | | | | | | | .5 | 7.8 |
| WNW | .1 | | | | | .1 | | | | | | .2 | 13.0 |
| NW | .1 | .2 | .2 | .3 | | | | | | | | .9 | 8.6 |
| NNW | .5 | .3 | .4 | .3 | | | | | | | | 1.6 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.6 | |
| | 9.0 | 28.0 | 53.7 | 16.7 | .9 | .2 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 84 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)

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | .5 | .2 | .1 | | | | | | | | 1.4 | 6.1 |
| NNE | .2 | .1 | | .1 | | | | | | | | .4 | 5.6 |
| NE | .8 | .3 | .6 | .2 | | | | | | | | 1.9 | 6.2 |
| ENE | .5 | 1.6 | 1.7 | .6 | | .1 | | | | | | 4.6 | 7.6 |
| E | 1.2 | 2.0 | 1.4 | .1 | | | | | | | | 4.7 | 5.5 |
| ESE | .6 | 2.8 | 1.9 | 1.0 | | | | | | | | 6.3 | 7.0 |
| SE | .5 | 3.2 | 7.7 | 1.3 | | | | | | | | 12.8 | 7.9 |
| SSE | 1.5 | 8.1 | 12.7 | 5.8 | .1 | | | | | | | 28.2 | 8.1 |
| S | 3.2 | 8.6 | 14.1 | 4.3 | .4 | | | | | | | 30.6 | 7.6 |
| SSW | .6 | .8 | 1.3 | | | | | | | | | 2.7 | 5.6 |
| SW | .2 | .1 | .2 | | | | | | | | | .5 | 5.2 |
| WSW | | .1 | | | | | | | | | | .1 | 6.0 |
| W | .2 | .5 | .3 | | | | | | | | | 1.1 | 6.4 |
| WNW | | .1 | .1 | | | | | | | | | .2 | 6.0 |
| NW | .1 | .1 | .1 | | | | | | | | | .3 | 5.3 |
| NNW | .8 | .2 | | | | | | | | | | .6 | 3.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 10.8 | 29.2 | 42.5 | 13.5 | .5 | .1 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 931

455

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)

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (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 | .2 | .2 | .1 | .2 | .1 | | | | | | | .9 | 6.5 |
| NNE | .1 | .2 | .1 | .1 | | | | | | | | .5 | 7.2 |
| NE | .3 | .4 | .1 | | | | | | | | | .9 | 4.8 |
| ENE | .9 | .9 | .5 | | | | | | | | | 2.3 | 4.6 |
| E | .6 | 1.1 | 1.1 | | | | | | | | | 2.8 | 5.3 |
| ESE | 1.6 | 1.5 | 1.0 | | | | | | | | | 4.1 | 4.7 |
| SE | 1.4 | 6.5 | 4.4 | .3 | | | | | | | | 12.6 | 6.2 |
| SSE | 3.1 | 10.2 | 10.9 | 1.4 | | | | | | | | 25.6 | 6.5 |
| S | 7.2 | 12.7 | 11.1 | 2.7 | | | | | | | | 33.7 | 6.1 |
| SSW | 1.6 | 1.0 | .2 | | | | | | | | | 2.8 | 3.3 |
| SW | .2 | .3 | .1 | | | | | | | | | .6 | 4.8 |
| WSW | .1 | | | .1 | | | | | | | | .2 | 6.0 |
| W | .2 | .1 | | | | | | | | | | .3 | 3.0 |
| WNW | .1 | | | | | | | | | | | .1 | 1.0 |
| NW | .4 | .1 | .1 | | | | | | | | | .6 | 3.5 |
| NNW | .3 | .2 | | | | | | | | | | .5 | 3.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.5 | |
| | 18.5 | 35.8 | 29.7 | 4.8 | .1 | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722665 (STATION) LYESS AFB TX (STATION NAME) 73-82 (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 | .6 | .6 | .5 | .1 | .0 | | | | | | | 1.9 | 5.7 |
| NNE | .8 | .6 | .2 | .1 | .0 | | | | | | | 1.2 | 5.3 |
| NE | .6 | .6 | .4 | .1 | | | | | | | | 1.7 | 5.4 |
| ENE | .6 | .9 | .6 | .1 | | .0 | | | | | | 2.3 | 5.6 |
| E | .8 | 1.1 | .7 | .1 | .0 | | | | | | | 2.7 | 5.6 |
| ESE | .6 | 1.3 | .8 | .2 | .0 | | | | | | | 2.8 | 6.2 |
| SE | .8 | 2.4 | 2.7 | .4 | .0 | | | | | | | 6.8 | 6.7 |
| SSE | 1.8 | 5.2 | 7.2 | 2.1 | .1 | | | | | | | 16.2 | 7.3 |
| S | 4.5 | 12.0 | 16.1 | 5.2 | .2 | | | | | | | 38.0 | 7.3 |
| SSW | 1.4 | 2.2 | 4.0 | 1.1 | | | | | | | | 9.3 | 7.1 |
| SW | .7 | 1.4 | 1.1 | .1 | | | | | | | | 3.3 | 5.7 |
| WSW | .4 | .6 | .3 | .0 | | | | | | | | 1.4 | 5.1 |
| W | .5 | .6 | .2 | .0 | .0 | | | | | | | 1.3 | 4.6 |
| WNW | .2 | .2 | .1 | .0 | | .0 | | | | | | .5 | 5.2 |
| NW | .3 | .4 | .1 | .0 | | | | | | | | .9 | 4.6 |
| NNW | .5 | .4 | .2 | .0 | | | | | | | | 1.1 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.0 | |
| | 14.6 | 31.0 | 35.2 | 9.8 | .4 | .0 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 7481

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)

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) ANN (MONTH)

ALL WEATHER (CLASS) 0000-2300 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | .5 | .4 | | | | | | | | | 1.6 | 4.5 |
| NNE | .2 | .4 | .2 | | | | | | | | | .9 | 5.6 |
| NE | .2 | .3 | .4 | | | | | | | | | 1.0 | 5.3 |
| ENE | .3 | .2 | | .1 | | | | | | | | .6 | 4.5 |
| E | 1.3 | .3 | .3 | | | | | | | | | 2.4 | 3.7 |
| ESE | .3 | 1.1 | .3 | .1 | | | | | | | | 1.8 | 5.5 |
| SE | 1.2 | 1.3 | .9 | .3 | | | | | | | | 3.7 | 5.7 |
| SSE | 2.3 | 5.9 | 4.3 | .3 | .1 | | | | | | | 12.9 | 6.1 |
| S | 9.5 | 18.1 | 14.8 | 6.0 | | | | | | | | 48.4 | 6.5 |
| SSW | 3.0 | 2.5 | 2.0 | .3 | | | | | | | | 7.8 | 4.9 |
| SW | .4 | .2 | .5 | .1 | | | | | | | | 1.3 | 6.1 |
| WSW | .1 | | | | | | | | | | | .1 | 1.0 |
| W | .3 | | .1 | | | | | | | | | .4 | 3.3 |
| WNW | .5 | | | | | | | | | | | .5 | 2.0 |
| NW | .1 | .2 | | | | | | | | | | .3 | 3.3 |
| NNW | .1 | .2 | | .2 | | | | | | | | .5 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.7 | |
| | 20.5 | 31.7 | 28.8 | 7.5 | .1 | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

7226 65 DYESS AFB TX 73-82 ALL

STATION STATION NAME YEARS MONTH

ALL WEATHER 0300-0500

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 | .5 | .8 | .2 | .1 | | | | | | | | 1.6 | 8.6 |
| NNE | .6 | .6 | .3 | .2 | | | | | | | | 1.8 | 8.4 |
| NE | | | .5 | | .1 | | | | | | | .6 | 10.3 |
| ENE | .1 | .4 | | .2 | | | | | | | | .6 | 6.7 |
| E | .4 | | .1 | .8 | | | | | | | | 1.3 | 7.0 |
| ESE | .2 | .8 | | | | | | | | | | 1.0 | 5.0 |
| SE | .6 | 1.0 | .2 | .1 | | | | | | | | 1.9 | 4.6 |
| SSE | 4.0 | 4.6 | 1.5 | .5 | | | | | | | | 10.6 | 4.9 |
| S | 9.4 | 15.7 | 16.2 | 4.7 | .1 | | | | | | | 46.1 | 6.5 |
| SSW | 2.8 | 3.5 | 2.9 | .2 | | | | | | | | 9.5 | 5.8 |
| SW | 1.1 | 1.1 | .2 | .2 | | | | | | | | 2.6 | 4.4 |
| WSW | .2 | .6 | | | | | | | | | | .9 | 4.1 |
| W | .5 | .4 | .2 | | | | | | | | | 1.2 | 3.9 |
| WNW | .8 | .2 | | | | | | | | | | 1.0 | 2.4 |
| NW | 1.1 | .5 | | | | | | | | | | 1.5 | 2.7 |
| NNW | .4 | .4 | .1 | | | | | | | | | 1.0 | 3.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.9 | |
| | 22.8 | 30.8 | 22.6 | 6.8 | .1 | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 97

457

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)

72256 (STATION) LUFKIN AFB TX (STATION NAME) 73-82 (YEARS) ANN (MONTH)

ALL WEATHER (CLASS) 0600-0900 (HOURS (L S T))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.3 | .5 | .1 | | | | | | | | 3.2 | 4.[illegible] |
| NNE | 1.0 | .5 | .1 | | | | | | | | | 1.6 | 3.[illegible] |
| NE | .2 | .2 | .2 | .1 | | | | | | | | .8 | 4.[illegible] |
| ENE | .4 | .2 | .1 | | | | | | | | | .8 | 3.[illegible] |
| E | 1.2 | | | .2 | | | | | | | | 1.2 | 3.[illegible] |
| ESE | .3 | | .2 | .1 | | | | | | | | .6 | 5.[illegible] |
| SE | 1.0 | .6 | .3 | .2 | | | | | | | | 2.2 | 5.[illegible] |
| SSE | 2.8 | 2.5 | 2.5 | .6 | | | | | | | | 8.4 | 5.[illegible] |
| S | 9.9 | 12.9 | 13.8 | 4.8 | | | | | | | | 39.9 | 6.[illegible] |
| SSW | 2.9 | 5.2 | 4.6 | .5 | | | | | | | | 13.2 | 6.[illegible] |
| SW | 1.8 | 1.3 | 1.5 | .1 | .1 | | | | | | | 4.8 | 5.[illegible] |
| WSW | .4 | .2 | .2 | | | | | | | | | .9 | 4.[illegible] |
| W | .8 | .5 | | | | | | | | | | 1.3 | 3.[illegible] |
| WNW | .4 | .4 | | | | | | | | | | .8 | 3.[illegible] |
| NW | .3 | .2 | .1 | | | | | | | | | .6 | 3.7 |
| NNW | 1.2 | .5 | .2 | | | | | | | | | 1.9 | 3.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.7 | |
| | 24.2 | 26.7 | 24.8 | 6.9 | .1 | | | | | | | 130.8 | M.[illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

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)

72665 DYESS AFB TX 73-82 AUG
STATION STATION NAME YEARS MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 1.5 | 1.3 | .1 | | | | | | | | 3.4 | 6.6 |
| NNE | .5 | 1.6 | 1.0 | .3 | | | | | | | | 3.4 | 6.4 |
| NE | .3 | .8 | .3 | | | | | | | | | 1.4 | 5.5 |
| ENE | 1.0 | .6 | .6 | .3 | | | | | | | | 2.6 | 5.4 |
| E | 1.1 | .4 | .2 | | | | | | | | | 1.7 | 4.0 |
| ESE | .5 | .4 | .1 | .2 | | | | | | | | 1.3 | 5.6 |
| SE | 1.0 | 1.1 | .2 | .1 | | | | | | | | 2.4 | 4.5 |
| SSE | 1.2 | 2.3 | 1.7 | .4 | .1 | | | | | | | 5.7 | 6.2 |
| S | 1.2 | 4.4 | 17.7 | 9.6 | .5 | | | | | | | 33.4 | 9.4 |
| SSW | 1.0 | 4.1 | 11.0 | 3.5 | | | | | | | | 19.6 | 8.3 |
| SW | 1.5 | 2.8 | 4.5 | .8 | | | | | | | | 9.6 | 6.5 |
| WSW | .9 | 2.6 | 1.1 | | | | | | | | | 4.5 | 5.2 |
| W | 1.1 | .9 | .6 | | | | | | | | | 2.6 | 4.6 |
| WNW | .4 | .6 | | | | | | | | | | 1.1 | 3.6 |
| NW | .8 | .1 | | | | | | | | | | .9 | 2.4 |
| NNW | .4 | .5 | | | | | | | | | | 1.0 | 3.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.5 | |
| | 13.3 | 24.7 | 48.4 | 15.4 | .6 | | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 930

458

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

...ETAL CLIMATOLOGY BRANCH
... AFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72665 — STATION
DYESS AFB TX — STATION NAME
72-82 — 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 | .8 | 1.7 | .5 | .4 | | | | | | | | 3.4 | 6.0 |
| NNE | .9 | 1.5 | 1.7 | .4 | .1 | | | | | | | 4.6 | 7.2 |
| NE | .9 | 1.5 | .8 | .3 | .2 | | | | | | | 3.7 | 6.1 |
| ENE | .9 | .9 | .2 | | | | | | | | | 1.9 | 4.1 |
| E | 1.5 | 1.2 | 2.2 | | | | | | | | | 4.8 | 5.0 |
| ESE | .2 | 1.8 | .6 | .1 | | | | | | | | 2.6 | 5.7 |
| SE | 1.3 | 3.1 | 1.9 | .4 | | | | | | | | 6.8 | 6.1 |
| SSE | 1.0 | 3.9 | 6.0 | 2.0 | .2 | | | | | | | 13.1 | 6.9 |
| S | 1.7 | 6.9 | 17.1 | 7.8 | .5 | | | | | | | 34.1 | 8.5 |
| SSW | .9 | 3.2 | 5.9 | 1.4 | | | | | | | | 11.4 | 7.6 |
| SW | .5 | 1.4 | 2.2 | .1 | | | | | | | | 4.2 | 6.4 |
| WSW | .3 | .5 | .4 | | | | | | | | | 1.3 | 5.3 |
| W | 1.0 | .3 | .3 | | | | | | | | | 1.6 | 3.8 |
| WNW | .4 | .4 | .1 | | | | | | | | | 1.0 | 3.4 |
| NW | .8 | .2 | | .1 | | | | | | | | 1.1 | 3.6 |
| NNW | .3 | .4 | .2 | | | | | | | | | 1.0 | 3.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.7 | |
| | 13.2 | 29.0 | 40.2 | 13.2 | 1.1 | | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 432

USAFETAC FORM 0-8-5 OL-A (JUL 68) 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)

72266S — DYESS AFB TX — 73-82 — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]
CLASS — HOURS (L S T)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 1.1 | .6 | .5 | | | | | | | | .4 | [illegible] |
| NNE | .2 | 1.0 | 1.9 | 1.0 | | | | | | | | 4.1 | [illegible] |
| NE | .3 | 1.1 | 1.0 | .8 | | | | | | | | 3.7 | [illegible] |
| ENE | .9 | 1.9 | 1.3 | .3 | | | | | | | | 4.4 | [illegible] |
| E | 1.5 | 2.6 | 1.6 | .6 | .1 | | | | | | | 6.7 | [illegible] |
| ESE | 1.2 | 1.7 | 2.4 | .5 | | | | | | | | 5.8 | [illegible] |
| SE | 1.3 | 3.9 | 3.0 | .8 | | | | | | | | 9.0 | [illegible] |
| SSE | 1.6 | 4.1 | 10.5 | 4.4 | | | | | | | | 20.6 | [illegible] |
| S | 1.2 | 5.4 | 14.2 | 6.8 | .2 | | | | | | | 27.7 | [illegible] |
| SSW | .1 | 1.3 | 2.9 | .6 | | | | | | | | 5.5 | [illegible] |
| SW | .3 | 1.1 | 1.3 | .4 | | | | | | | | 3.1 | [illegible] |
| WSW | .3 | .3 | .1 | .1 | | | | | | | | .4 | [illegible] |
| W | .3 | .2 | .3 | .1 | | | | | | | | .9 | [illegible] |
| WNW | .3 | .2 | .1 | | | | | | | | | .6 | [illegible] |
| NW | .1 | .2 | .1 | | | | | | | | | .4 | [illegible] |
| NNW | .1 | .1 | | | | | | | | | | .3 | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 11.9 | 27.2 | 41.5 | 17.0 | .3 | | | | | | | [illegible] | |

TOTAL NUMBER OF OBSERVATIONS

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

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

12906 — LUFKIN AFB TX — 73-82 — ANN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1800-2100

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 | .9 | 1.0 | | .3 | | | | | | | | 2.2 | 5.0 |
| NNE | .5 | 1.0 | .6 | .2 | | | | | | | | 2.4 | 6.3 |
| NE | .5 | 1.1 | 1.6 | .3 | .1 | | | | | | | 3.7 | 7.4 |
| ENE | 1.2 | .6 | 1.1 | .1 | | | | | | | | 3.0 | 5.2 |
| E | 1.9 | 3.2 | 2.2 | .1 | .1 | | | | | | | 7.5 | 5.4 |
| ESE | .4 | 2.9 | 2.6 | 1.2 | .1 | | | | | | | 7.2 | 7.5 |
| SE | .6 | 3.3 | 8.3 | 1.2 | | | | | | | | 13.4 | 7.9 |
| SSE | 2.2 | 6.5 | 10.1 | 3.8 | | | | | | | | 24.5 | 7.8 |
| S | 3.5 | 8.8 | 12.5 | 7.1 | .1 | | | | | | | 32.1 | 7.2 |
| SSW | .9 | .7 | 1.0 | .1 | | | | | | | | 2.3 | 5.9 |
| SW | | .2 | .1 | | | | | | | | | .3 | 5.7 |
| WSW | | .1 | .1 | | | | | | | | | .2 | 6.5 |
| W | .2 | .3 | .1 | | | | | | | | | .6 | 4.7 |
| WNW | .2 | | | | | | | | | | | .2 | 2.5 |
| NW | | .2 | | | | | | | | | | .2 | 4.5 |
| NNW | .1 | .2 | .4 | | | | | | | | | .8 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 13.2 | 31.6 | 40.6 | 13.8 | .4 | | | | | | | 100.3 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72265 (STATION) — UVEGS AFS TX (STATION NAME) — 73-82 (YEARS) — ALL (MONTH)

ALL WEATHER (CLASS)

0100-2400 (HOURS (L.S.T.))

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | .1 | .1 | | | | | | | | | .9 | 5.4 |
| NNE | .8 | .3 | .1 | | | | | | | | | 1.2 | 4.6 |
| NE | .5 | .4 | .5 | | | | | | | | | 1.6 | 5.1 |
| ENE | 1.1 | 1.1 | .2 | .1 | | | | | | | | 2.5 | 4.6 |
| E | 1.8 | 1.3 | .3 | .1 | | | | | | | | 3.5 | 3.9 |
| ESE | 1.6 | 2.9 | 1.4 | | | | | | | | | 5.5 | 4.3 |
| SE | 2.5 | 4.9 | 3.2 | .4 | | | | | | | | 11.1 | 5.7 |
| SSE | 2.4 | 10.0 | 8.4 | 1.6 | | | | | | | | 22.4 | 6.6 |
| S | 2.2 | 13.3 | 9.8 | 2.2 | | | | | | | | 33.4 | 5.8 |
| SSW | 3.0 | .6 | .8 | .1 | | | | | | | | 4.5 | 3.9 |
| SW | .5 | .1 | .1 | | | | | | | | | .6 | 3.3 |
| WSW | .3 | .1 | | | | | | | | | | .4 | 3.0 |
| W | .1 | .2 | .1 | | | | | | | | | .4 | 5.3 |
| WNW | .2 | .2 | .3 | .1 | | | | | | | | .9 | 7.6 |
| NW | .3 | | .1 | | | | | | | | | .4 | 3.8 |
| NNW | .1 | .2 | .1 | | | | | | | | | .4 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.5 | |
| | 24.1 | 36.1 | 25.7 | 4.6 | | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 672

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)

72286 (STATION) WYE'S AFB TX (STATION NAME) 72-76 (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 | .8 | 1.0 | .5 | .2 | | | | | | | | 2.5 | 5.6 |
| NNE | .6 | .9 | .8 | .3 | .0 | | | | | | | 2.5 | 6.5 |
| NE | .9 | .7 | .7 | .2 | .1 | | | | | | | 2.1 | 6.1 |
| ENE | .7 | .8 | .9 | .1 | | | | | | | | 2.1 | 5.2 |
| E | 1.3 | 1.2 | .9 | .2 | .0 | | | | | | | 3.6 | 5.2 |
| ESE | .6 | 1.5 | 1.0 | .3 | .0 | | | | | | | 3.5 | 6.1 |
| SE | 1.2 | 2.4 | 2.3 | .4 | | | | | | | | 6.3 | 6.2 |
| SSE | 2.2 | 5.2 | 5.6 | 1.7 | .1 | | | | | | | 14.6 | 7.0 |
| S | 5.4 | 10.7 | 14.5 | 5.6 | .2 | | | | | | | 36.4 | 7.3 |
| SSW | 1.8 | 2.7 | 3.9 | .9 | | | | | | | | 9.2 | 6.7 |
| SW | .8 | 1.0 | 1.3 | .2 | .0 | | | | | | | 3.3 | 6.2 |
| WSW | .3 | .6 | .2 | .0 | | | | | | | | 1.1 | 5.0 |
| W | .5 | .4 | .2 | .0 | | | | | | | | 1.1 | 4.3 |
| WNW | .4 | .3 | .1 | .0 | | | | | | | | .8 | 5.7 |
| NW | .4 | .2 | .0 | .0 | | | | | | | | .7 | 3.2 |
| NNW | .3 | .4 | .1 | .0 | | | | | | | | .9 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.3 | |
| | 17.8 | 29.7 | 32.5 | 14.2 | .4 | | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 7482

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)

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0600-0900 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.3 | 1.1 | .8 | | | | | | | | 5.6 | 6.1 |
| NNE | .7 | 1.3 | .8 | .7 | | | | | | | | 3.1 | 6.3 |
| NE | .9 | 1.2 | 1.2 | | | | | | | | | 3.3 | 5.5 |
| ENE | .4 | .4 | .2 | | | | | | | | | 1.0 | 4.4 |
| E | 1.1 | .8 | | .1 | | | | | | | | 2.0 | 5.8 |
| ESE | .8 | 1.3 | .2 | | | | | | | | | 2.3 | 4.3 |
| SE | 1.0 | 1.6 | 1.4 | .1 | | | | | | | | 4.1 | 5.6 |
| SSE | 2.7 | 5.4 | 3.0 | 1.8 | .3 | | | | | | | 13.2 | 6.6 |
| S | 5.9 | 6.2 | 7.2 | 5.1 | .3 | | | | | | | 24.8 | 7.2 |
| SSW | 2.6 | 1.4 | 2.1 | 1.8 | | | | | | | | 7.6 | 6.8 |
| SW | 1.4 | 1.1 | 1.0 | .1 | | | | | | | | 3.7 | 4.8 |
| WSW | .6 | .1 | .3 | | | | | | | | | 1.0 | 4.6 |
| W | .9 | .2 | | | | | | | | | | 1.1 | 2.7 |
| WNW | .7 | .2 | | | | | | | | | | .9 | 2.9 |
| NW | .7 | .2 | .1 | .1 | | | | | | | | 1.1 | 4.2 |
| NNW | .3 | .6 | .1 | .2 | | | | | | | | 1.2 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.6 | |
| | 21.9 | 24.8 | 18.6 | 10.4 | .7 | | | | | | | 100.3 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 936

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)

7226 65 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1700-2400 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 2.4 | 1.6 | .9 | | | | | | | | 6.8 | 6.1 |
| NNE | 1.3 | 1.1 | .8 | .7 | | | | | | | | 3.9 | 5.9 |
| NE | .9 | 1.2 | .7 | .1 | | | | | | | | 3.0 | 5.1 |
| ENE | .1 | .6 | .4 | | | | | | | | | 1.1 | 4.4 |
| E | .4 | .7 | | | | | | | | | | 1.1 | 3.7 |
| ESE | 1.2 | .6 | | | | | | | | | | 1.8 | 3.1 |
| SE | 1.4 | 1.7 | .9 | .2 | | | | | | | | 3.1 | 4.8 |
| SSE | 3.6 | 3.7 | 3.1 | 1.1 | .1 | | | | | | | 11.6 | 5.9 |
| S | 7.7 | 8.8 | 6.0 | 2.8 | .4 | | | | | | | 25.3 | 5.5 |
| SSW | 2.0 | 1.7 | 2.7 | .9 | .1 | | | | | | | 6.1 | 6.1 |
| SW | 1.3 | 1.6 | .9 | .2 | | | | | | | | 4.4 | 5.0 |
| WSW | .7 | .2 | .3 | .1 | | | | | | | | 1.3 | 4.8 |
| W | 1.7 | .6 | | | | | | | | | | 2.2 | 2.9 |
| WNW | 1.3 | .7 | | | | | | | | | | 1.7 | 3.1 |
| NW | 1.9 | 1.0 | | | | | | | | | | 2.9 | 3.2 |
| NNW | 1.1 | .7 | .3 | | | | | | | | | 2.1 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.0 | |
| | 29.0 | 26.8 | 17.2 | 6.7 | .7 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 560

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722665 (STATION) DYESS AFB TX (STATION NAME) 73-62 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0600-0900 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 3.0 | 2.4 | .6 | .1 | | | | | | | 8.2 | 6.3 |
| NNE | .3 | 1.3 | 2.0 | .1 | | | | | | | | 3.8 | 7.0 |
| NE | .1 | .6 | 1.0 | .6 | | | | | | | | 2.2 | 8.5 |
| ENE | .6 | .9 | .4 | .2 | | | | | | | | 2.1 | 5.6 |
| E | .4 | .9 | .8 | .2 | | | | | | | | 2.3 | 5.9 |
| ESE | .4 | .4 | .3 | | | | | | | | | 1.2 | 4.9 |
| SE | .9 | 1.0 | .4 | .1 | | | | | | | | 2.4 | 4.6 |
| SSE | 2.8 | 3.8 | 2.3 | .9 | | | | | | | | 9.5 | 5.6 |
| S | 6.1 | 6.9 | 5.7 | 4.1 | .7 | | | | | | | 23.5 | 6.9 |
| SSW | 2.3 | 3.8 | 2.8 | 1.3 | | | | | | | | 10.2 | 6.2 |
| SW | 1.1 | 1.0 | .3 | .2 | | | | | | | | 2.7 | 4.8 |
| WSW | 1.0 | .2 | .8 | | | | | | | | | 1.7 | 4.3 |
| W | 1.1 | .4 | | | | | | | | | | 1.6 | 2.7 |
| WNW | 1.0 | .7 | .1 | | | | | | | | | 1.8 | 3.6 |
| NW | 1.1 | .4 | | | | | | | | | | 1.5 | 3.0 |
| NNW | 1.6 | 1.2 | .7 | .1 | | | | | | | | 3.6 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.3 | |
| | 22.8 | 26.3 | 19.5 | 8.7 | .8 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 696

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72265 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1900-1100 (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 | 1.4 | 4.2 | 3.7 | 1.4 | | | | | | | | 10.8 | 6.7 |
| NNE | .9 | 2.7 | 2.3 | 1.0 | | | | | | | | 6.9 | 8.3 |
| NE | .3 | 1.4 | 2.1 | .9 | | | | | | | | 4.8 | 7.7 |
| ENE | .3 | .9 | .8 | | | | | | | | | 2.0 | 5.7 |
| E | .7 | 1.1 | 1.3 | .8 | .1 | | | | | | | 4.0 | 7.4 |
| ESE | .4 | .8 | .7 | | | | | | | | | 1.9 | 5.8 |
| SE | 1.7 | 1.2 | 1.0 | .2 | | | | | | | | 4.1 | 4.8 |
| SSE | 1.6 | 1.9 | 2.2 | .7 | | | | | | | | 6.3 | 6.8 |
| S | 1.7 | 3.7 | 8.8 | 5.8 | 1.7 | | | | | | | 21.6 | 9.2 |
| SSW | .9 | 3.4 | 5.7 | 3.7 | .2 | | | | | | | 13.9 | 8.9 |
| SW | .3 | 1.9 | 2.4 | 1.4 | | | | | | | | 6.0 | 7.2 |
| WSW | 1.0 | 1.2 | 1.3 | .3 | | | | | | | | 3.9 | 5.9 |
| W | 1.3 | .9 | .7 | .1 | | | | | | | | 3.0 | 4.5 |
| WNW | .6 | .2 | .1 | | | | | | | | | .9 | 3.6 |
| NW | .9 | .6 | .2 | | | | | | | | | 1.7 | 3.5 |
| NNW | 1.0 | 1.0 | .6 | | | | | | | | | 2.6 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 15.8 | 27.1 | 33.9 | 16.3 | 2.0 | | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 60

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72265 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) S&E (MONTH)

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

(CONDITION)

| SPEED (KNTS) / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 3.9 | 3.3 | 1.4 | .2 | | | | | | | 9.6 | 7.0 |
| NNE | .7 | 2.2 | 3.7 | 1.4 | .1 | | | | | | | 8.1 | 7.9 |
| NE | .6 | 1.3 | 2.7 | .6 | .1 | | | | | | | 5.2 | 7.6 |
| ENE | 1.0 | 2.0 | 1.8 | .2 | | | | | | | | 5.0 | 5.5 |
| E | 1.4 | 2.2 | 1.6 | .9 | | | | | | | | 6.1 | 6.3 |
| ESE | 1.1 | 2.1 | 1.0 | .1 | | | | | | | | 4.3 | 4.9 |
| SE | 1.6 | 1.8 | 1.8 | .3 | | | | | | | | 5.4 | 5.7 |
| SSE | .9 | 4.0 | 2.7 | .8 | | | | | | | | 8.3 | 6.6 |
| S | .6 | 4.7 | 8.6 | 2.7 | .2 | | | | | | | 26.9 | 9.2 |
| SSW | .6 | 1.7 | 4.3 | 1.8 | .7 | | | | | | | 9.1 | 9.6 |
| SW | .3 | 1.9 | 1.4 | .8 | .1 | | | | | | | 4.6 | 7.6 |
| WSW | 1.0 | .9 | .4 | .3 | | | | | | | | 2.7 | 5.3 |
| W | .3 | .9 | 1.0 | | | | | | | | | 2.2 | 6.0 |
| WNW | .3 | .2 | .3 | .1 | | | | | | | | 1.0 | 5.9 |
| NW | .7 | .7 | .2 | | | | | | | | | 1.6 | 4.1 |
| NNW | .9 | 1.1 | .7 | | | | | | | | | 2.7 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 12.8 | 31.6 | 35.8 | 15.4 | 1.4 | | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 626

463

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

(2566) (STATION) ANYESS AFL IX (STATION NAME) 72-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 15-2-17Z (HOURS (L S T))

(CONDITION)

| SPEED KNTS DIR | 1 - 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 | 3.0 | 3.6 | .7 | .1 | | | | | | | 8.2 | 7.1 |
| NNE | .7 | 2.2 | 3.7 | 1.8 | | .2 | | | | | | 8.6 | 8.4 |
| NE | 1.1 | 2.9 | 3.6 | 1.2 | | | | | | | | 8.8 | 7.7 |
| ENE | .9 | 1.7 | 2.3 | .9 | | | | | | | | 5.3 | 6.7 |
| E | .4 | 1.4 | 2.0 | .6 | | | | | | | | 4.4 | 8.4 |
| ESE | 1.2 | 2.0 | 1.2 | .8 | | | | | | | | 5.2 | 8.3 |
| SE | 1.1 | 1.9 | 2.2 | 1.0 | | | | | | | | 6.1 | 8.9 |
| SSE | .9 | 2.6 | 3.8 | 1.7 | | | | | | | | 8.9 | 7.9 |
| S | 1.2 | 4.2 | 4.6 | 4.0 | .1 | | | | | | | 14.1 | 8.5 |
| SSW | 1.0 | 2.1 | 3.4 | 2.2 | | | | | | | | 8.8 | 8.1 |
| SW | .8 | 1.2 | 1.3 | .8 | | | | | | | | 4.1 | 6.9 |
| WSW | .3 | .9 | .7 | .1 | | | | | | | | 2.0 | 5.6 |
| W | .2 | .6 | .1 | | | | | | | | | .9 | 4.0 |
| WNW | .1 | .2 | .2 | .2 | | | | | | | | .8 | 7.9 |
| NW | .6 | .2 | .1 | | | | | | | | | .9 | 5.0 |
| NNW | 1.2 | 1.2 | .3 | | | | | | | | | 2.8 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.7 | |
| | 12.6 | 30.2 | 38.1 | 15.8 | .2 | .2 | | | | | | 100.3 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 602

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

7-2665 — STATION — CYESS AFB TX — STATION NAME — 73-82 — YEARS — S/S — MONTH

ALL WEATHER — CLASS — 1800-2100 — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 2.0 | 1.2 | .6 | .2 | | | | | | | 5.7 | [illegible] |
| NNE | .6 | 2.7 | 1.8 | 1.0 | | | | | | | | 6.[illegible] | 7.[illegible] |
| NE | 1.1 | 2.6 | 2.4 | .7 | | | | | | | | 6.8 | 6.3 |
| ENE | 1.1 | 3.0 | 2.1 | .6 | | | | | | | | 6.8 | 6.1 |
| E | 4.0 | 3.1 | 2.0 | | | | | | | | | 9.1 | [illegible] |
| ESE | 1.7 | 2.9 | 2.4 | .4 | .1 | | | | | | | 7.6 | [illegible] |
| SE | 1.6 | 3.3 | 4.0 | .6 | | | | | | | | 9.4 | [illegible] |
| SSE | 1.6 | 5.2 | 4.0 | 2.7 | .2 | | | | | | | 13.7 | 7.6 |
| S | 4.3 | 4.2 | 4.1 | 1.3 | .1 | | | | | | | 14.1 | 5.7 |
| SSW | 1.2 | 1.3 | .9 | .3 | | | | | | | | 3.8 | [illegible] |
| SW | .7 | .3 | .2 | | | | | | | | | 1.2 | [illegible] |
| WSW | .2 | .3 | | | | | | | | | | .5 | 3.4 |
| W | .1 | .6 | .2 | | | | | | | | | .9 | [illegible] |
| WNW | | .1 | | | | | | | | | | .1 | [illegible] |
| NW | .6 | .2 | .1 | | | | | | | | | .9 | [illegible] |
| NNW | .8 | .4 | | | | | | | | | | 1.2 | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.7 | |
| | 21.1 | 36.7 | 25.6 | 8.1 | .7 | | | | | | | 100.0 | [illegible] |

TOTAL NUMBER OF OBSERVATIONS — 885

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

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

# SURFACE WINDS

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

72265 DYESS AFB, TX 72-82 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS (LST)

CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 1.4 | 1.0 | .4 | .1 | | | | | | | 4.2 | [illegible] |
| NNE | .6 | 2.2 | 1.2 | .7 | | | | | | | | 4.9 | [illegible] |
| NE | 1.1 | 2.3 | .9 | .6 | | | | | | | | 4.9 | [illegible] |
| ENE | 1.4 | 1.1 | .1 | .2 | | | | | | | | 2.8 | [illegible] |
| E | .9 | 1.4 | 1.1 | | | | | | | | | 3.4 | [illegible] |
| ESE | 3.1 | 2.2 | .9 | .4 | | | | | | | | 6.7 | [illegible] |
| SE | 1.9 | 4.3 | 2.9 | .1 | | | | | | | | 9.2 | [illegible] |
| SSE | 3.0 | 5.1 | 4.4 | 2.4 | .4 | | | | | | | 15.4 | [illegible] |
| S | 5.7 | 8.2 | 5.6 | 3.0 | .2 | | | | | | | 22.7 | [illegible] |
| SSW | 2.6 | 1.3 | .9 | .4 | | | | | | | | 5.2 | [illegible] |
| SW | 1.2 | .2 | | | | | | | | | | 1.4 | [illegible] |
| WSW | .7 | .2 | | | | | | | | | | .9 | [illegible] |
| W | .6 | .1 | | | | | | | | | | .7 | [illegible] |
| WNW | .3 | .1 | .1 | | | | | | | | | .6 | [illegible] |
| NW | .4 | .2 | | | | | | | | | | .7 | [illegible] |
| NNW | .2 | .3 | .1 | .2 | | | | | | | | .8 | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.7 | |
| | 25.1 | 28.7 | 19.2 | [illegible] | .8 | | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

7-2660 STATION — WEST AFB IX STATION NAME — 72-80 YEARS — ALL MONTHS

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 | 2.2 | 2.2 | .9 | .1 | | | | | | | 7.4 | 6.6 |
| NNE | .7 | 2.2 | 2.0 | .8 | .4 | .2 | | | | | | 6.7 | 7.2 |
| NE | .6 | 1.7 | 1.8 | .6 | .2 | | | | | | | 4.2 | 6.2 |
| ENE | .7 | 1.4 | 1.2 | .2 | | | | | | | | 3.3 | 5.0 |
| E | 1.2 | 1.7 | 1.1 | .3 | .2 | | | | | | | 4.7 | 6.6 |
| ESE | 1.3 | 1.5 | .6 | .2 | .2 | | | | | | | 3.8 | 6.3 |
| SE | 1.4 | 2.0 | 1.8 | .3 | | | | | | | | 5.6 | 6.6 |
| SSE | 2.1 | 3.5 | 3.2 | 1.5 | .1 | | | | | | | 10.8 | 6.9 |
| S | 4.2 | 6.1 | 6.9 | 4.1 | .5 | | | | | | | 21.7 | 7.4 |
| SSW | 1.7 | 2.1 | 2.8 | 1.5 | .1 | | | | | | | 8.3 | 7.1 |
| SW | 1.4 | 1.2 | 1.0 | .4 | .2 | | | | | | | 4.2 | 6.1 |
| WSW | .7 | .5 | .4 | .1 | | | | | | | | 1.8 | 5.1 |
| W | .8 | .5 | .3 | .2 | | | | | | | | 1.8 | 4.1 |
| WNW | .5 | .3 | .1 | .2 | | | | | | | | 1.3 | 4.6 |
| NW | .8 | .4 | .1 | .2 | | | | | | | | 1.4 | 3.5 |
| NNW | .9 | .8 | .3 | .1 | | | | | | | | 2.1 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.2 | |
| | 20.1 | 28.6 | 25.8 | 11.2 | .8 | .8 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 7,560

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

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

# SURFACE WINDS

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

72258 (STATION) [illegible] YELS AFB, IX (STATION NAME) 72-76 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS L S T)

(CONDITION)

| SPEED KNTS / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | ∿ | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 1.2 | 2.5 | .5 | | | | | | | | [illegible] | [illegible] |
| NNE | .4 | 1.3 | .8 | .6 | .1 | | | | | | | [illegible] | [illegible] |
| NE | | .3 | .5 | .1 | | | | | | | | 1.4 | [illegible] |
| ENE | .1 | .9 | .5 | | | | | | | | | 1.5 | [illegible] |
| E | .3 | 1.2 | .3 | | | | | | | | | 1.6 | [illegible] |
| ESE | | .4 | .1 | | | | | | | | | .5 | [illegible] |
| SE | .4 | .6 | .2 | .1 | | | | | | | | .4 | [illegible] |
| SSE | 2.3 | 3.2 | 2.5 | .9 | .1 | | | | | | | [illegible] | [illegible] |
| S | 5.3 | 7.4 | 8.4 | 5.7 | .4 | | | | | | | [illegible] | [illegible] |
| SSW | 4.6 | 4.5 | 2.8 | 1.7 | | | | | | | | 13.7 | [illegible] |
| SW | 1.5 | 2.2 | .6 | | | | | | | | | 4.3 | [illegible] |
| WSW | 1.2 | .5 | .3 | .1 | | | | | | | | [illegible] | [illegible] |
| W | 1.4 | .5 | | | | | | | | | | 1.9 | [illegible] |
| WNW | .5 | .2 | .2 | .2 | | | | | | | | 1.2 | [illegible] |
| NW | 1.2 | .2 | .2 | .1 | | | | | | | | 1.7 | [illegible] |
| NNW | 1.1 | .8 | .6 | .1 | .1 | | | | | | | 2.7 | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.1 | |
| | 22.9 | 26.3 | 20.6 | 10.2 | .6 | | | | | | | [illegible] | |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
ASTRO
NAVY WEATHER SERVICE/MAC

# SURFACE WINDS

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

72266 CYCLIC AFB IX
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS HOURS (LST)

CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 2.4 | 4.6 | .4 | .4 | | | | | | | 8.9 | 7.8 |
| NNE | .2 | 1.0 | .6 | .5 | | | | | | | | 2.4 | 7.6 |
| NE | .2 | .3 | .6 | | | | | | | | | 1.1 | 6.8 |
| ENE | .9 | .2 | .6 | | | | | | | | | 1.7 | 6.8 |
| E | .6 | .8 | 1.1 | | | | | | | | | 2.5 | 8.6 |
| ESE | | .5 | .1 | | | | | | | | | .6 | 6.8 |
| SE | .5 | .2 | .2 | .2 | | | | | | | | 1.1 | 6.8 |
| SSE | 1.7 | 3.1 | 1.7 | .3 | | .2 | | | | | | 7.0 | 6.8 |
| S | 5.3 | 8.3 | 7.2 | 4.5 | 1.2 | | | | | | | 26.5 | 9.0 |
| SSW | 2.1 | 4.2 | 3.4 | .8 | | | | | | | | 10.5 | 7.8 |
| SW | 2.4 | 1.5 | 1.1 | .2 | | | | | | | | 5.1 | 5.8 |
| WSW | 1.1 | .2 | .3 | | | | | | | | | 1.6 | 5.8 |
| W | 1.1 | 1.1 | .4 | | | | | | | | | 2.6 | 5.8 |
| WNW | 1.4 | .5 | .4 | | | | | | | | | 2.3 | 5.8 |
| NW | 1.2 | .2 | .4 | .3 | | | | | | | | 2.1 | 6.8 |
| NNW | 1.1 | 1.1 | .2 | | | | | | | | | 2.4 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 21.6 | 27.0 | 26.6 | 7.3 | 1.6 | .2 | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

DATA FORM 10-64 (ERA CLIM) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] LYESS AFB TX — 73-82 — OCT

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]

CLASS — HOURS (L S T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 2.0 | 1.9 | 1.0 | .3 | | | | | | | 6.3 | 7.7 |
| NNE | .1 | 1.4 | 1.0 | .5 | | | | | | | | 3.0 | 7.8 |
| NE | .2 | .3 | .4 | .1 | | | | | | | | 1.1 | 6.1 |
| ENE | .4 | .9 | .2 | | | | | | | | | 1.5 | 4.9 |
| E | .3 | .6 | .2 | .1 | | | | | | | | 1.4 | 5.2 |
| ESE | .1 | .3 | .2 | | | | | | | | | .6 | 5.3 |
| SE | .2 | .9 | .5 | .1 | | | | | | | | 1.4 | 5.1 |
| SSE | 1.2 | 1.6 | 1.6 | .4 | | | | | | | | 4.8 | 6.1 |
| S | 5.2 | 7.1 | 7.7 | 4.8 | 1.0 | | | | | | | 25.8 | 7.2 |
| SSW | 2.6 | 3.5 | 2.3 | .4 | | | | | | | | 8.9 | 6.6 |
| SW | 1.6 | 1.9 | .6 | .5 | | | | | | | | 4.7 | 5.2 |
| WSW | 1.4 | .4 | .5 | | | | | | | | | 2.4 | 4.1 |
| W | 1.4 | 1.1 | .8 | .1 | .1 | | | | | | | 3.4 | 6.0 |
| WNW | 1.4 | .6 | .1 | .2 | | | | | | | | 2.5 | 4.2 |
| NW | 1.8 | .5 | .6 | | | | | | | | | 2.2 | 4.0 |
| NNW | 1.3 | 2.2 | .8 | | | | | | | | | 4.2 | 4.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.7 | |
| | 21.0 | 25.9 | 20.4 | 8.8 | 1.8 | | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

72265 (STATION) CYECS AFB TX (STATION NAME) 73-82 (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 | 3.3 | 3.3 | 1.1 | .9 | | | | | | | 9.7 | 6.1 |
| NNE | .6 | .4 | 2.6 | 1.1 | .8 | | | | | | | 5.2 | 9.4 |
| NE | .5 | .6 | 1.2 | .3 | | | | | | | | 2.7 | 6.5 |
| ENE | .8 | .6 | .2 | .2 | .1 | | | | | | | 1.4 | 6.1 |
| E | .1 | .5 | .5 | .2 | | .1 | | | | | | 1.5 | 6.4 |
| ESE | .5 | .5 | .3 | | | | | | | | | 1.4 | 6.0 |
| SE | .2 | .6 | .2 | | | | | | | | | 1.1 | 4.8 |
| SSE | .2 | 1.7 | 3.2 | 1.1 | | | | | | | | 6.2 | 8.8 |
| S | 1.2 | 4.1 | 8.4 | 6.7 | 1.1 | .2 | | | | | | 21.6 | 9.6 |
| SSW | 1.1 | 3.7 | 6.9 | 5.8 | .6 | .1 | | | | | | 18.2 | 9.6 |
| SW | 1.0 | 1.3 | 2.5 | 1.1 | | | | | | | | 5.6 | 7.4 |
| WSW | .5 | 1.8 | 1.3 | .2 | | | | | | | | 3.9 | 6.1 |
| W | 1.3 | 1.9 | 1.4 | .3 | .1 | | | | | | | 5.1 | 6.3 |
| WNW | .6 | 1.1 | .5 | .1 | | | | | | | | 2.4 | 5.4 |
| NW | 1.1 | 1.6 | .3 | | | | | | | | | 3.0 | 4.3 |
| NNW | 1.3 | 1.6 | 1.3 | .8 | | | | | | | | 4.9 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.5 | |
| | 12.2 | 25.6 | 34.2 | 12.9 | 3.7 | .4 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 93..

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

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

# SURFACE WIND

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

72756 STATION | LYELS AFB TX STATION NAME | 73-82 YEARS | OCT MONTH

ALL WEATHER CLASS | 1200-14 HOURS (L S T

CONDITION

| SPEED KNTS/ DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEA WIN SPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 3.7 | 4.1 | 1.4 | .1 | | | | | | | 1.2 | 7. |
| NNE | 1.1 | 1.1 | 2.3 | 2.2 | .2 | | | | | | | 6.5 | 8. |
| NE | .9 | .9 | .6 | 1.2 | | | | | | | | 3.5 | 7. |
| ENE | .3 | .6 | .8 | .2 | | | | | | | | 1.9 | 8. |
| E | .5 | 1.0 | .6 | | | | | | | | | .2 | 5. |
| ESE | .2 | .9 | .2 | .1 | | | | | | | | 1.9 | 4. |
| SE | .5 | 1.1 | .3 | .1 | | | | | | | | 2.2 | 5. |
| SSE | 1.1 | 1.7 | 2.7 | .8 | | | | | | | | 6.2 | 6. |
| S | 1.1 | 3.8 | 11.7 | 5.7 | 1.0 | .1 | | | | | | 23.3 | 9. |
| SSW | .8 | 2.7 | 6.2 | 5.3 | .2 | | | | | | | 15.2 | 9. |
| SW | .6 | 2.0 | 2.7 | 1.4 | | | | | | | | 7.6 | 7. |
| WSW | .2 | 1.4 | 1.6 | .2 | | | | | | | | 3.4 | 7. |
| W | .8 | 1.2 | 1.7 | .2 | .3 | | | | | | | 4.2 | 7. |
| WNW | .1 | .4 | .4 | .1 | | | | | | | | 1.1 | 6. |
| NW | .6 | 1.5 | .6 | .2 | | | | | | | | 3.0 | 5. |
| NNW | .4 | 1.0 | 1.6 | .4 | | | | | | | | 4.4 | 6. |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.9 | |
| | 11.8 | 26.7 | 38.3 | 19.5 | 1.8 | .1 | | | | | | 100.0 | 7. |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

72665 — JYESS AFB IX — 73-6[illegible] — [illegible]
STATION — STATION NAME — YEARS — [illegible]

ALL WEATHER — [illegible]
CLASS — HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 4.1 | 4.1 | 2.3 | .3 | | | | | | | 12.3 | 7.7 |
| NNE | .5 | 1.6 | 2.7 | 1.7 | .2 | | | | | | | 6.6 | [illegible] |
| NE | .9 | 1.5 | 1.7 | .5 | | | | | | | | 4.6 | [illegible] |
| ENE | .5 | .9 | .8 | .3 | | | | | | | | 2.5 | [illegible] |
| E | 1.1 | .5 | .1 | | | | | | | | | 1.7 | [illegible] |
| ESE | .5 | .2 | .1 | .1 | | | | | | | | 1.0 | [illegible] |
| SE | .9 | 1.6 | 1.3 | .1 | | | | | | | | 3.9 | [illegible] |
| SSE | 1.2 | 2.5 | 3.8 | 1.2 | | | | | | | | 8.8 | [illegible] |
| S | 2.2 | 4.8 | 13.1 | 6.3 | .8 | .1 | | | | | | 27.3 | [illegible] |
| SSW | 1.1 | 2.3 | 4.5 | 3.1 | .1 | | | | | | | 10.2 | [illegible] |
| SW | .4 | 1.4 | 1.6 | .5 | | | | | | | | 3.9 | [illegible] |
| WSW | .2 | 1.1 | 1.1 | | | | | | | | | 2.4 | [illegible] |
| W | .4 | 1.7 | .9 | .3 | .2 | .1 | | | | | | 3.7 | [illegible] |
| WNW | .4 | .5 | .3 | .1 | | | | | | | | 1.4 | [illegible] |
| NW | .3 | .5 | .8 | .4 | | | | | | | | 2.0 | [illegible] |
| NNW | .2 | 1.0 | .8 | .3 | | | | | | | | 2.3 | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.5 | |
| | 12.9 | 26.6 | 37.5 | 17.4 | 1.6 | .1 | | | | | | 130.0 | 1. |

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

# SURFACE WINDS

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

[illegible] STATION | [illegible] AFB, TX STATION NAME | 73-82 YEARS | ANNUAL MONTH

ALL WEATHER CLASS | 0600-1200 HOURS (LST)

CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 3.4 | 3.9 | 1.1 | .1 | | | | | | | 10.5 | 5.7 |
| NNE | 1.0 | 1.2 | 2.6 | .5 | | | | | | | | 5.3 | 6.5 |
| NE | 1.3 | 1.3 | .5 | .2 | | | | | | | | 3.3 | 4.7 |
| ENE | .8 | .5 | .3 | .1 | | | | | | | | 1.7 | 4.2 |
| E | 1.9 | 1.1 | .1 | | | | | | | | | 3.1 | 3.4 |
| ESE | .5 | 1.9 | .2 | | | | | | | | | 2.6 | 4.2 |
| SE | 1.6 | 2.1 | 1.5 | .4 | | | | | | | | 5.6 | 5.5 |
| SSE | 1.9 | 3.7 | 2.7 | 1.2 | | | | | | | | 9.5 | 6.3 |
| S | 3.9 | 8.9 | 4.7 | 2.5 | .9 | | | | | | | 24.7 | 5.6 |
| SSW | 4.5 | 1.5 | 1.1 | | | | | | | | | 7.4 | 3.7 |
| SW | 2.2 | .2 | | | | | | | | | | 2.3 | 2.2 |
| WSW | 1.2 | .3 | .1 | | | | | | | | | 1.6 | 3.1 |
| W | .5 | .2 | .2 | .2 | | | | | | | | 1.1 | 4.2 |
| WNW | .1 | .1 | | .1 | | | | | | | | .3 | 6.7 |
| NW | .2 | .1 | | .1 | | | | | | | | .4 | 4.5 |
| NNW | .3 | .3 | .2 | .4 | | | | | | | | 1.7 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.2 | |
| | 23.2 | 28.4 | 18.2 | 6.5 | .9 | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

72266 — CYESS AFB TX — 73-82 — ALL

ALL WEATHER

| SPEED (KNTS.) / DIR | 1 - 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 | 2.0 | 2.5 | 1.0 | .1 | | | | | | | [illegible] | [illegible] |
| NNE | .3 | 1.6 | 1.3 | | .1 | | | | | | | [illegible] | [illegible] |
| NE | .4 | 1.4 | .6 | | | | | | | | | [illegible] | [illegible] |
| ENE | .2 | .3 | .5 | | | | | | | | | 1.1 | [illegible] |
| E | .8 | 1.0 | .1 | | | | | | | | | 1.9 | [illegible] |
| ESE | .6 | .4 | .5 | | | | | | | | | 1.5 | [illegible] |
| SE | .6 | 1.1 | 1.3 | .6 | | | | | | | | [illegible] | [illegible] |
| SSE | 1.5 | 2.3 | 3.3 | .9 | | | | | | | | [illegible] | [illegible] |
| S | 6.9 | 8.2 | 6.0 | 4.3 | .3 | | | | | | | 27.6 | [illegible] |
| SSW | 5.2 | 2.2 | 1.6 | .2 | | | | | | | | 9.1 | [illegible] |
| SW | 1.1 | .2 | .1 | | | | | | | | | 4.0 | [illegible] |
| WSW | 1.1 | .9 | .4 | | | | | | | | | 2.4 | [illegible] |
| W | .4 | .1 | | .4 | | | | | | | | 1.0 | [illegible] |
| WNW | .2 | .3 | .2 | | | | | | | | | .8 | [illegible] |
| NW | .3 | | .4 | | | | | | | | | 1.2 | [illegible] |
| NNW | .5 | .2 | .2 | .1 | | | | | | | | 1.1 | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.2 | |
| | 25.8 | 23.2 | 21.2 | 7.6 | .6 | | | | | | | 100.0 | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 68 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

72[illegible] (STATION) LYNSS AFB IX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED KNTS DIR | 1 - 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 | 3.3 | 3.1 | 1.1 | .3 | | | | | | | 9.2 | 7.0 |
| NNE | .5 | 1.3 | 1.7 | .9 | .1 | | | | | | | 4.6 | 8.1 |
| NE | .6 | .9 | .8 | .3 | | | | | | | | 2.5 | 8.4 |
| ENE | .5 | .6 | .5 | .1 | .0 | | | | | | | 1.7 | 5.7 |
| E | .7 | .8 | .3 | .0 | | .0 | | | | | | 1.8 | 4.7 |
| ESE | .4 | .7 | .2 | .0 | | | | | | | | 1.4 | 4.8 |
| SE | .7 | 1.0 | .7 | .2 | | | | | | | | 2.7 | 5.7 |
| SSE | 1.4 | 2.5 | 2.7 | .8 | .0 | .0 | | | | | | 7.4 | 6.7 |
| S | 4.6 | 6.6 | 8.6 | 5.0 | .8 | .1 | | | | | | 25.8 | 7.8 |
| SSW | 2.8 | 3.1 | 3.7 | 2.2 | .1 | .0 | | | | | | 11.9 | 7.1 |
| SW | 1.6 | 1.6 | 1.1 | .5 | | | | | | | | 4.8 | 5.6 |
| WSW | .9 | .9 | .7 | .1 | | | | | | | | 2.6 | 5.1 |
| W | .9 | 1.0 | .7 | .2 | .1 | .0 | | | | | | 2.8 | 5.9 |
| WNW | .6 | .5 | .3 | .1 | | | | | | | | 1.5 | 5.1 |
| NW | .9 | .7 | .4 | .1 | | | | | | | | 2.2 | 4.9 |
| NNW | .8 | 1.1 | .7 | .3 | .0 | | | | | | | 3.0 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.5 | |
| | 13.4 | 26.2 | 26.3 | 12.0 | 1.8 | .1 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 7483

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] STATION — [illegible] STATION NAME — 73-82 YEARS — [illegible] MONTH

ALL WEATHER CLASS — [illegible] HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 1.8 | 3.3 | 1.8 | | | | | | | | 7.9 | [illegible] |
| NNE | 1.0 | .9 | 1.7 | 1.3 | .1 | | | | | | | [illegible] | [illegible] |
| NE | .1 | .9 | .6 | .3 | | | | | | | | 1.9 | 7.1 |
| ENE | .2 | .1 | .2 | | | | | | | | | [illegible] | [illegible] |
| E | 1.0 | .2 | .2 | .1 | | | | | | | | 1.6 | 4.5 |
| ESE | .2 | .3 | .2 | | | | | | | | | .8 | 5.7 |
| SE | .2 | .2 | .3 | .1 | | | | | | | | 1.0 | 5.5 |
| SSE | .7 | 1.6 | 2.2 | .8 | .3 | .1 | | | | | | 5.7 | 8.5 |
| S | 4.4 | 4.5 | 5.0 | 4.7 | .8 | | | | | | | 19.2 | 7.8 |
| SSW | 3.6 | 2.2 | 5.0 | 3.6 | .4 | | | | | | | 14.3 | 6.6 |
| SW | 2.9 | 1.4 | 1.1 | .4 | .2 | | | | | | | 6.1 | 5.3 |
| WSW | 1.0 | 1.0 | .2 | .1 | | | | | | | | .5 | 4.2 |
| W | 1.3 | 1.2 | .4 | .2 | | | | | | | | 3.2 | 4.7 |
| WNW | 1.4 | 1.6 | 1.0 | | | | | | | | | 4.0 | 5.2 |
| NW | 1.6 | 1.1 | .6 | .1 | | | | | | | | 3.0 | 5.2 |
| NNW | 1.0 | .9 | .1 | .4 | | | | | | | | .4 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | 21.6 | 19.4 | 22.4 | 14.8 | 1.9 | .1 | | | | | | [illegible] | 6.6 |

TOTAL NUMBER OF OBSERVATIONS [illegible] 600

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

# SURFACE WINDS

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

[illegible] / 2665 — STATION
[illegible]YERS AFB TX — STATION NAME
72-82 — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (LST)
CONDITION

| SPEED KNTS / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 1.0 | 3.6 | 2.9 | .3 | | | | | | | [illegible] | [illegible] |
| NNE | .1 | .7 | 1.0 | .7 | | | | | | | | 2.8 | [illegible] |
| NE | .2 | .7 | .8 | .2 | | | | | | | | 1.9 | [illegible] |
| ENE | .5 | .3 | .4 | | | | | | | | | 1.3 | [illegible] |
| E | .4 | .1 | .1 | | | | | | | | | .7 | [illegible] |
| ESE | .2 | .4 | .2 | | | | | | | | | 1.4 | [illegible] |
| SE | .3 | .3 | .1 | | | | | | | | | 1.2 | [illegible] |
| SSE | 1.3 | 1.6 | 1.7 | .7 | .4 | | | | | | | [illegible] | [illegible] |
| S | 3.0 | 3.7 | 4.8 | 4.1 | .7 | | | | | | | [illegible] | [illegible] |
| SSW | 2.3 | 1.9 | 3.4 | 2.2 | .4 | | | | | | | [illegible] | [illegible] |
| SW | 2.7 | 1.7 | 2.9 | 1.1 | .1 | | | | | | | [illegible] | [illegible] |
| WSW | 1.8 | .9 | 1.4 | .3 | | | | | | | | [illegible] | [illegible] |
| W | 1.4 | 1.6 | .7 | .1 | | | | | | | | [illegible] | [illegible] |
| WNW | 1.9 | 1.3 | .8 | | .1 | | | | | | | [illegible] | [illegible] |
| NW | 1.1 | 1.1 | .7 | .2 | | | | | | | | [illegible] | [illegible] |
| NNW | 1.4 | 1.7 | 1.2 | .4 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.8 | |
| | 22.1 | 19.2 | 23.8 | 13.0 | 2.1 | | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]96

USAFETAC FORM JUL 64 0-5-5 0-4A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

# SURFACE WINDS

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

[illegible] STATION  ...YESS AFB IX STATION NAME  [illegible] YEARS  [illegible] MONTH

ALL WEATHER CLASS

[illegible] HOURS (L S T)

CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.6 | 4.2 | 3.2 | .2 | .1 | | | | | | 10.7 | [illegible] |
| NNE | .1 | .7 | .2 | 1.1 | | | | | | | | [illegible] | [illegible] |
| NE | .4 | .3 | .6 | .4 | .1 | | | | | | | 1.8 | [illegible] |
| ENE | .6 | .6 | .3 | | | | | | | | | 1.7 | [illegible] |
| E | .3 | .4 | | | | | | | | | | [illegible] | [illegible] |
| ESE | .1 | .2 | | | | | | | | | | [illegible] | [illegible] |
| SE | .3 | .9 | .4 | .1 | | | | | | | | [illegible] | [illegible] |
| SSE | 1.4 | 1.7 | 1.8 | .3 | .2 | | | | | | | [illegible] | [illegible] |
| S | 4.0 | 4.2 | 3.3 | 4.1 | .9 | .2 | | | | | | 16.3 | [illegible] |
| SSW | 2.2 | 1.7 | 3.1 | 1.9 | .3 | | | | | | | [illegible] | [illegible] |
| SW | 2.3 | [illegible] | 2.2 | 1.4 | | | | | | | | [illegible] | [illegible] |
| WSW | 1.2 | [illegible] | .9 | .9 | | | | | | | | [illegible] | [illegible] |
| W | 2.3 | 1.3 | .4 | .7 | | .1 | | | | | | [illegible] | [illegible] |
| WNW | 2.3 | 1.[illegible] | 1.2 | .1 | | | | | | | | [illegible] | [illegible] |
| NW | 1.1 | 1.4 | .9 | .3 | | | | | | | | [illegible] | [illegible] |
| NNW | 1.6 | 1.9 | 1.6 | .3 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | [illegible] | [illegible] |
| CALM | | | | | | | | | | | | 20.1 | |
| | 21.0 | 19.6 | 21.2 | 15.6 | 1.8 | .4 | | | | | | 19.3 | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

...STATION ...YELS AFB IX STATION NAME ... YEARS ... MONTH

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

CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.4 | 4.1 | 5.5 | .3 | | | | | | | 1..4 | ..5 |
| NNE | .6 | 1.3 | 1.3 | 1.7 | .3 | | | | | | | .. | .. |
| NE | .1 | .9 | .6 | 1.4 | | | | | | | | . | .. |
| ENE | .2 | .6 | | .2 | | | | | | | | .. | .. |
| E | .7 | .3 | .4 | .1 | | | | | | | | .. | .. |
| ESE | .3 | .2 | .0 | | | | | | | | | .. | .. |
| SE | .6 | .7 | .4 | | | | | | | | | .. | .. |
| SSE | .6 | 1.4 | 2.1 | 1.3 | | | | | | | | . | .. |
| S | 1.9 | 2.5 | 6.1 | 5.5 | 1.4 | .3 | | | | | | 1.. | 1.. |
| SSW | .4 | .9 | 3.3 | 4.6 | 1.2 | | | | | | | 1..4 | 11.. |
| SW | .7 | 1.3 | 2.4 | 2.0 | | | | | | | | .. | .. |
| WSW | .9 | 1.1 | 1.1 | 1.3 | .1 | | | | | | | . | .. |
| W | 1.1 | 1.6 | 1.7 | .9 | .3 | .1 | | | | | | .. | .. |
| WNW | 1.0 | .7 | 1.1 | .3 | | .1 | | | | | | .. | .. |
| NW | .8 | .8 | 1.2 | .9 | | | | | | | | .. | .. |
| NNW | 1.4 | 1.4 | 2.6 | 1.3 | | | | | | | | .. | .. |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .. | |
| | 11.2 | 19.6 | 29.4 | 27.8 | 3.8 | .6 | | | | | | 1.. | |

TOTAL NUMBER OF OBSERVATIONS ...

USAFETAC FORM ... 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)

22565 STATION — EYES AFB IX STATION NAME — 73-82 YEARS — ANN MONTH

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

CONDITION

| SPEED KNTS / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 1.7 | 6.6 | 4.7 | .6 | | | | | | | 14.7 | 6.7 |
| NNE | .4 | 1.3 | 2.7 | 1.3 | .4 | | | | | | | 6.2 | 6.9 |
| NE | | .8 | 1.1 | 1.0 | .1 | | | | | | | 3.0 | 6.3 |
| ENE | .4 | .9 | .4 | .2 | | | | | | | | 2.0 | 6.1 |
| E | .3 | 1.4 | .3 | .1 | | | | | | | | 2.2 | 5.4 |
| ESE | .4 | .7 | .1 | .1 | | | | | | | | 1.3 | 4.3 |
| SE | 1.1 | .6 | .8 | .2 | | | | | | | | 2.7 | 5.6 |
| SSE | 1.1 | .9 | 1.6 | 1.6 | | | | | | | | 5.3 | 7.2 |
| S | .2 | 3.1 | 5.4 | 6.0 | 1.1 | .2 | | | | | | 16.1 | 10.4 |
| SSW | .7 | 1.7 | 4.2 | 6.7 | 1.1 | .1 | | | | | | 14.4 | 11.1 |
| SW | .3 | 1.2 | 3.0 | 1.2 | | | | | | | | 5.8 | 8.6 |
| WSW | .4 | .7 | 2.1 | 1.2 | .1 | | | | | | | 4.6 | 9.0 |
| W | .7 | 1.1 | 2.6 | 1.3 | .2 | | | | | | | 6.9 | 8.3 |
| WNW | .2 | 1.2 | 1.1 | .1 | .1 | .2 | | | | | | 3.7 | 7.2 |
| NW | .9 | .9 | 1.1 | .7 | .3 | | | | | | | 3.9 | 7.8 |
| NNW | .7 | 1.8 | 1.4 | 1.6 | .1 | | | | | | | 5.6 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .7 | |
| | 9.9 | 19.9 | 34.8 | 23.8 | 4.2 | .6 | | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS 500

442

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

# SURFACE WINDS

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

72268 — LYSS AFB, TX — 73-82 — APR
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0-17Z
CLASS — HOURS (LST)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 3.3 | 5.9 | 4.7 | .7 | | | | | | | 15.3 | 6.9 |
| NNE | .7 | 1.9 | 3.4 | 1.8 | .2 | | | | | | | 8.3 | 6.4 |
| NE | .4 | 1.2 | .7 | .7 | | | | | | | | 3.1 | 7.2 |
| ENE | .7 | .7 | .6 | .3 | | | | | | | | 2.2 | 6.2 |
| E | 1.1 | 1.2 | .2 | | | | | | | | | 3.1 | 4.5 |
| ESE | .3 | 1.2 | .3 | | | | | | | | | 1.7 | 4.2 |
| SE | .3 | .4 | .4 | .2 | | | | | | | | 1.2 | 5.1 |
| SSE | .7 | 1.8 | 2.1 | 1.6 | | | | | | | | 6.1 | 8.2 |
| S | 1.6 | 3.9 | 9.3 | 5.2 | .1 | | | | | | | 20.1 | 8.5 |
| SSW | .8 | 2.7 | 4.6 | 3.9 | .4 | .1 | | | | | | 12.4 | 7.4 |
| SW | .2 | 1.2 | 2.6 | 1.0 | .3 | | | | | | | 5.3 | 8.0 |
| WSW | .2 | .9 | .7 | .7 | .1 | | | | | | | 2.6 | 8.4 |
| W | .5 | 1.1 | 1.9 | 1.0 | | | | | | | | 4.6 | 6.2 |
| WNW | .1 | .6 | 1.3 | .3 | .1 | | | | | | | 2.4 | 8.0 |
| NW | .6 | .9 | .8 | .3 | | | | | | | | 2.6 | 5.7 |
| NNW | 1.0 | 1.0 | 2.4 | 1.0 | .1 | | | | | | | 5.6 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.1 | |
| | 11.1 | 23.4 | 37.8 | 22.3 | 1.8 | .1 | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS ...

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# SURFACE WINDS

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

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

...STATION ...YEARS ...MONTHS

...CLASS

...CONDITION

| WIND DIR | WIND SPEED KNOTS | 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 | 4.2 | 3.4 | .1 | | | | | | | | | |
| NNE | 1.3 | 2.4 | 2.1 | 1.6 | .1 | | | | | | | | |
| NE | 1.3 | 1.7 | 1.3 | .1 | | | | | | | | | |
| ENE | .3 | .6 | .1 | .1 | | | | | | | | | |
| E | .7 | .9 | .4 | | | | | | | | | | |
| ESE | .3 | .3 | | | | | | | | | | | |
| SE | 1.3 | 2.3 | .2 | .4 | .1 | | | | | | | | |
| SSE | 2.3 | 2.7 | 2.2 | .7 | | | | | | | | | |
| S | 4.4 | 8.7 | 4.4 | .2 | .1 | | | | | | | | |
| SSW | 4.2 | 3.3 | 1.4 | .7 | | | | | | | | | |
| SW | 1.3 | 1.2 | | | | | | | | | | | |
| WSW | .7 | .4 | .1 | | | | | | | | | | |
| W | .7 | .4 | .4 | .4 | | | | | | | | | |
| WNW | .3 | .4 | .2 | .2 | .2 | | | | | | | | |
| NW | 1.1 | .3 | .4 | | | | | | | | | | |
| NNW | 1.1 | .3 | .4 | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |
| | 27.7 | 34. | 17.6 | 5.6 | .6 | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

...DATA ... FORM ... ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] STATION | LYE[illegible] AFB, TX STATION NAME | 71-82 YEARS | [illegible] MONTH

ALL WEATHER CLASS | [illegible] HOURS (LST)

CONDITION

| SPEED KNTS. DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 1.4 | 2.8 | 2.9 | .2 | | | | | | | [illegible] | [illegible] |
| NNE | .9 | 1.0 | 1.8 | 1.4 | .1 | | | | | | | [illegible] | [illegible] |
| NE | 1.1 | .5 | .4 | .4 | | | | | | | | [illegible] | [illegible] |
| ENE | .5 | .1 | .3 | | | | | | | | | [illegible] | [illegible] |
| E | .6 | .6 | .1 | .1 | | | | | | | | [illegible] | [illegible] |
| ESE | .2 | .7 | .1 | | | | | | | | | [illegible] | [illegible] |
| SE | .7 | .9 | .4 | | .2 | | | | | | | [illegible] | [illegible] |
| SSE | 1.9 | 2.6 | 2.0 | 1.7 | | | | | | | | [illegible] | [illegible] |
| S | 4.7 | 5.5 | 5.6 | 4.9 | .4 | | | | | | | [illegible] | [illegible] |
| SSW | 4.3 | 3.9 | 3.3 | 1.6 | .4 | | | | | | | [illegible] | [illegible] |
| SW | 1.6 | .6 | .3 | .2 | | | | | | | | [illegible] | [illegible] |
| WSW | 1.3 | .6 | .1 | | | | | | | | | [illegible] | [illegible] |
| W | 1.2 | .9 | .2 | .2 | | | | | | | | [illegible] | [illegible] |
| WNW | .8 | 1.0 | .4 | .7 | | | | | | | | [illegible] | [illegible] |
| NW | 1.1 | .2 | .1 | .1 | | | | | | | | [illegible] | [illegible] |
| NNW | 1.2 | .4 | .3 | .1 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.9 | |
| | 23.1 | 22.5 | 18.5 | 14.6 | 1.4 | | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]856

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AFETAC
...FATHER SERVIC../MAC

# SURFACE WINDS

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

[redacted] STATION  UYELS AFB IX STATION NAME  [redacted] YEARS  [redacted] MONTH

ALL WEATHER CLASS  ALL HOURS (L S T)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 2.2 | 4.2 | 3.5 | .3 | .0 | | | | | | 11.7 | [illegible] |
| NNE | .6 | 1.4 | 1.2 | 1.4 | .2 | | | | | | | [illegible] | [illegible] |
| NE | .5 | .9 | .2 | .6 | .0 | | | | | | | [illegible] | [illegible] |
| ENE | .5 | .5 | .3 | .1 | | | | | | | | 1.4 | [illegible] |
| E | .6 | .7 | .3 | .1 | | | | | | | | 1.7 | [illegible] |
| ESE | .4 | .6 | .2 | .0 | | | | | | | | 1.2 | [illegible] |
| SE | .7 | .8 | .5 | .1 | .0 | | | | | | | [illegible] | [illegible] |
| SSE | 1.2 | 1.8 | 2.0 | 1.1 | .1 | .0 | | | | | | [illegible] | [illegible] |
| S | 3.5 | 4.5 | 5.5 | 4.6 | .7 | .1 | | | | | | 19.8 | [illegible] |
| SSW | 2.3 | 2.3 | 3.5 | 3.1 | .6 | .0 | | | | | | 11.7 | [illegible] |
| SW | 1.5 | 1.2 | 1.8 | .9 | .1 | | | | | | | [illegible] | [illegible] |
| WSW | .9 | .8 | .8 | .6 | .0 | | | | | | | [illegible] | [illegible] |
| W | 1.2 | 1.2 | 1.0 | .6 | .1 | .0 | | | | | | [illegible] | [illegible] |
| WNW | 1.1 | 1.5 | .9 | .2 | .1 | .0 | | | | | | [illegible] | [illegible] |
| NW | 1.0 | .9 | .8 | .3 | .0 | | | | | | | [illegible] | [illegible] |
| NNW | 1.2 | 1.2 | 1.3 | .7 | .0 | | | | | | | 4.3 | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.5 | |
| | 16.7 | 21.8 | 25.7 | 17.9 | 2.2 | .2 | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [redacted] 7188

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

# SURFACE WINDS

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

[illegible] / YESS AFB, TX / 73-82 / DEC
STATION / STATION NAME / YEARS / MONTH

ALL WEATHER / 0000-0300
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 | 1.2 | 3.0 | 3.7 | 4.1 | .1 | | | | | | | 12.[illegible] | [illegible] |
| NNE | .4 | .8 | 1.0 | 1.0 | .1 | | | | | | | [illegible] | [illegible] |
| NE | .1 | .1 | .2 | | | | | | | | | .4 | [illegible] |
| ENE | .1 | .1 | .1 | | | | | | | | | .3 | [illegible] |
| E | .1 | | .1 | | | | | | | | | .2 | [illegible] |
| ESE | .1 | .3 | | | | | | | | | | .4 | [illegible] |
| SE | .1 | .2 | | | | | | | | | | .3 | [illegible] |
| SSE | .6 | 1.2 | .9 | .4 | .2 | | | | | | | 3.[illegible] | [illegible] |
| S | 3.1 | 5.1 | 5.3 | 5.2 | .8 | | | | | | | 19.4 | [illegible] |
| SSW | 2.3 | 3.3 | 3.5 | 2.6 | 1.4 | | | | | | | 13.[illegible] | [illegible] |
| SW | 2.5 | 2.2 | 2.3 | 1.6 | | | | | | | | [illegible] | [illegible] |
| WSW | 2.2 | .8 | 1.3 | .8 | | | | | | | | [illegible] | [illegible] |
| W | 1.6 | 1.5 | 1.2 | .4 | | | | | | | | [illegible] | [illegible] |
| WNW | 1.7 | 2.7 | .4 | .3 | .1 | | | | | | | [illegible] | [illegible] |
| NW | 1.3 | 1.3 | 1.5 | .2 | | | | | | | | [illegible] | [illegible] |
| NNW | 1.0 | 2.6 | 1.0 | .4 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 18.6 | 28.7 | 22.8 | 17.8 | 2.7 | | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] 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)

[redacted] CYCLS AFB IX (STATION / STATION NAME) 73-82 (YEARS) [redacted] (MONTH)

ALL WEATHER (CLASS)

[redacted] (HOURS (L.S.T.))

(CONDITION)

| SPEED KNTS / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 2.7 | 4.3 | 4.0 | .2 | | | | | | | 12.4 | 8.7 |
| NNE | .5 | .8 | .9 | .9 | .2 | | | | | | | [illegible] | [illegible] |
| NE | .1 | .2 | .3 | | | | | | | | | [illegible] | [illegible] |
| ENE | .4 | .2 | .1 | | | | | | | | | [illegible] | [illegible] |
| E | .5 | .1 | | | | | | | | | | [illegible] | [illegible] |
| ESE | .1 | .1 | | | | | | | | | | [illegible] | [illegible] |
| SE | .2 | .5 | | | | | | | | | | [illegible] | [illegible] |
| SSE | .9 | .6 | .4 | .3 | .1 | | | | | | | 2.4 | 8.7 |
| S | 3.2 | 2.8 | 4.3 | 4.0 | 1.0 | | | | | | | 15.3 | 8.5 |
| SSW | 2.9 | 2.9 | 4.1 | 4.5 | .6 | | | | | | | 15.1 | 8.5 |
| SW | 2.6 | 2.7 | 1.8 | 1.5 | .1 | | | | | | | 8.3 | 8.5 |
| WSW | 1.2 | 1.3 | 1.1 | 1.2 | | | | | | | | 4.8 | 7.3 |
| W | 2.2 | 2.7 | 1.8 | .5 | | | | | | | | 8.8 | 8.1 |
| WNW | 1.5 | 2.5 | 1.1 | .2 | | | | | | | | [illegible] | 8.1 |
| NW | 1.3 | 1.9 | 1.2 | .8 | | | | | | | | 5.2 | 8.9 |
| NNW | 1.3 | 1.6 | 1.9 | .3 | .2 | | | | | | | 5.8 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.2 | |
| | 20.1 | 23.6 | 22.3 | 17.8 | 2.6 | | | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS [redacted]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME 73-80 YEARS [illegible] MONTHS

ALL WEATHER CLASS [illegible] HOURS (L.S.T.)

CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 3.3 | 4.7 | 4.1 | .7 | | | | | | | 13.5 | 5.0 |
| NNE | .3 | .5 | .8 | .5 | .1 | | | | | | | 2.3 | 3.3 |
| NE | .1 | .3 | .2 | | | | | | | | | .6 | 2.7 |
| ENE | .1 | | | | | | | | | | | .1 | 2.2 |
| E | .0 | | | | | | | | | | | .0 | 2.1 |
| ESE | | | | | | | | | | | | | |
| SE | .4 | .2 | .3 | .1 | | | | | | | | 1.1 | 3.7 |
| SSE | 1.1 | 1.2 | .8 | .2 | | | | | | | | 3.3 | 3.4 |
| S | .3 | 3.4 | 4.3 | 3.3 | .5 | | | | | | | 14.7 | 7.1 |
| SSW | 1.5 | 2.6 | 4.3 | 2.7 | .8 | | | | | | | 11.5 | 5.1 |
| SW | 2.2 | 2.6 | 1.6 | 1.1 | | | | | | | | 7.5 | 3.7 |
| WSW | 1.7 | 1.4 | 1.5 | 1.2 | | | | | | | | 5.8 | 3.4 |
| W | 1.4 | 2.5 | 1.7 | .2 | | | | | | | | 5.8 | 3.7 |
| WNW | 1.2 | 2.7 | 1.5 | .2 | | | | | | | | 5.6 | 3.5 |
| NW | 1.7 | 2.5 | .9 | | | | | | | | | 5.1 | 4.1 |
| NNW | .6 | 1.4 | 1.2 | .5 | .2 | | | | | | | 4.5 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.1 | |
| | 17.3 | 28.9 | 23.6 | 18.9 | 1.9 | | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

[illegible] STATION — LYESS AFB, TX STATION NAME — 73-82 YEARS — DEC MONTH

ALL WEATHER CLASS — 0900-1100 HOURS (LST)

CONDITION

| SPEED (KNTS) / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 2.4 | 4.2 | 6.6 | 1.3 | .1 | | | | | | 15.1 | 10.1 |
| NNE | .1 | 1.1 | 1.5 | 1.5 | | | | | | | | 4.2 | 9.4 |
| NE | .4 | 1.0 | .1 | .1 | | | | | | | | 1.6 | 6.5 |
| ENE | .2 | .1 | .2 | - | | | | | | | | .5 | 6.6 |
| E | .8 | .4 | .1 | | | | | | | | | 1.3 | 5.4 |
| ESE | .4 | .4 | | | | | | | | | | .7 | 6.0 |
| SE | .3 | .3 | .9 | .2 | | | | | | | | 1.7 | 7.1 |
| SSE | .8 | .9 | 1.2 | .8 | | | | | | | | 3.6 | 7.3 |
| S | 1.2 | 2.0 | 4.2 | 4.0 | 1.6 | .1 | | | | | | 13.1 | 10.0 |
| SSW | .6 | 1.2 | 3.0 | 4.6 | .6 | | | | | | | 13.1 | 10.1 |
| SW | 1.6 | 1.6 | 2.4 | 3.2 | .2 | | | | | | | 9.1 | 8.7 |
| WSW | .6 | 1.0 | 2.9 | 2.5 | .5 | | | | | | | 7.5 | 10.2 |
| W | 1.2 | 1.6 | 3.1 | 1.5 | .3 | .1 | | | | | | 7.8 | 8.4 |
| WNW | 1.5 | 1.2 | 1.6 | 1.0 | | | | | | | | 5.3 | 7.0 |
| NW | .8 | 1.7 | 1.9 | .6 | .1 | | | | | | | 5.2 | 7.3 |
| NNW | .8 | 1.6 | 3.2 | 1.3 | | | | | | | | 6.9 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.7 | |
| | 12.5 | 19.7 | 30.5 | 28.1 | 4.7 | .3 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS [illegible]437

USAFETAC FORM [illegible] JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

72265 — STATION
CYS AFB TX — STATION NAME
73-82 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
12-2-14-2 — HOURS (L S T)
CONDITION

| SPEED KNTS / DIR | 1 - 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 | 2.2 | 6.3 | 6.8 | 1.3 | .1 | | | | | | 18.4 | 13.2 |
| NNE | .3 | 1.0 | 1.9 | 1.6 | .1 | | | | | | | 3.4 | 8.5 |
| NE | .9 | 1.1 | .5 | .2 | | | | | | | | 2.8 | 6.1 |
| ENE | .6 | 1.0 | .3 | | | | | | | | | 1.9 | 4.5 |
| E | .2 | .1 | .2 | | | | | | | | | .5 | 4.6 |
| ESE | .3 | .1 | | | | | | | | | | .4 | 4.0 |
| SE | .3 | .4 | .6 | | | | | | | | | 1.4 | 5.6 |
| SSE | .2 | .3 | 1.8 | .3 | | | | | | | | 2.6 | 7.7 |
| S | .1 | 1.7 | 4.1 | 4.0 | 1.6 | | | | | | | 11.5 | 11.2 |
| SSW | .5 | .6 | 2.6 | 5.1 | 1.1 | .2 | | | | | | 10.1 | 12.2 |
| SW | .3 | .3 | 3.2 | 4.1 | .9 | | | | | | | 8.4 | 11.1 |
| WSW | 1.2 | 1.4 | 2.4 | 3.3 | .2 | | | | | | | 8.5 | 9.3 |
| W | .5 | .5 | 2.7 | 2.3 | .3 | .2 | | | | | | 6.6 | 10.6 |
| WNW | .3 | .3 | 1.7 | 1.5 | .3 | .1 | .1 | | | | | 4.4 | 11.3 |
| NW | .6 | 1.1 | 1.8 | .9 | .1 | .1 | | | | | | 4.6 | 9.6 |
| NNW | 1.2 | 2.0 | 2.6 | 2.3 | .3 | | | | | | | 8.4 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.6 | |
| | 10.2 | 15.3 | 32.9 | 32.4 | 6.2 | .8 | .1 | | | | | 100.0 | 9.4 |

TOTAL NUMBER OF OBSERVATIONS 3144

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

...L CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVIC../MAC

# SURFACE WINDS

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

...ELLS ... STATION NAME — 73-82 YEARS — ... MONTH

ALL WEATHER 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 | 1.6 | 4.1 | 7.2 | 1.2 | .8 | | | | | | | 1... | ... |
| NNE | .3 | 1.7 | 1.6 | 2.6 | .5 | | | | | | | 1... | 6.4 |
| NE | 1.3 | 1.2 | .9 | .3 | | | | | | | | ... | 5.1 |
| ENE | .5 | .3 | .9 | | | | | | | | | 1.7 | 5.4 |
| E | .6 | .6 | | | | | | | | | | 1.3 | ... |
| ESE | .6 | .6 | .1 | | | | | | | | | 1.4 | 5.7 |
| SE | .4 | 1.3 | .1 | | | | | | | | | 1.6 | ... |
| SSE | .8 | 1.5 | 1.1 | .6 | | | | | | | | 3.2 | 7... |
| S | .6 | 2.6 | 5.3 | 1.6 | .8 | .4 | | | | | | 11... | 6.9 |
| SSW | .2 | 1.8 | 4.5 | 3.9 | .6 | | | | | | | 11.1 | 1...7 |
| SW | .4 | 1.4 | 3.5 | 2.6 | .5 | .1 | | | | | | ... | 1... |
| WSW | .5 | 1.5 | 1.8 | 1.5 | .3 | | | | | | | 4... | 6.7 |
| W | .5 | .4 | 2.6 | .6 | .2 | | | | | | | 4.5 | ... |
| WNW | .5 | 1.6 | 1.2 | 1.8 | .1 | .1 | | | | | | 4.7 | ... |
| NW | .5 | 1.2 | 1.3 | 1.1 | .1 | | | | | | | 4... | ... |
| NNW | 1.2 | 1.4 | 1.7 | 1.3 | | | | | | | | 5.4 | ... |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .7 | |
| | 1...8 | 23...3 | 34.6 | 25.7 | 3.7 | .6 | | | | | | 1... | ... |

TOTAL NUMBER OF OBSERVATIONS ...

USAFETAC FORM ... 0-5-4 OLETA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AF, TAC
...EATHER SERVICE / MAC

# SURFACE WINDS

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

(...)SBF — STATION — ...YERS AFB, TX — STATION NAME — 72-82 — YEARS — ... — MONTH

ALL WEATHER — CLASS — 1130-2230 — HOURS (L S T)

CONDITION

| SPEED KNTS DIR | 1 - 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 | 4.2 | 4.3 | 2.7 | .1 | | | | | | | 13.1 | 7.1 |
| NNE | .2 | 1.5 | 3.5 | 2.8 | .2 | | | | | | | [illegible] | 9.4 |
| NE | .4 | .4 | .2 | .2 | .1 | | | | | | | 1.3 | 7.7 |
| ENE | .2 | .9 | .3 | | | | | | | | | 1.4 | 5.5 |
| E | 1.2 | .5 | | | | | | | | | | 1.7 | 3.2 |
| ESE | .3 | .3 | | | | | | | | | | .6 | 3.3 |
| SE | .4 | .5 | .6 | | | | | | | | | 1.5 | 4.2 |
| SSE | 1.4 | 2.2 | .9 | .5 | | | | | | | | 4.9 | 5.4 |
| S | 3.7 | 6.3 | 3.7 | 3.0 | .8 | | | | | | | 17.4 | 7.1 |
| SSW | 4.1 | 4.4 | 1.8 | 1.3 | | | | | | | | 11.6 | 6.4 |
| SW | 2.3 | 3.1 | .3 | .2 | | | | | | | | 5.9 | 4.5 |
| WSW | 1.4 | 1.4 | .6 | .1 | | | | | | | | 3.5 | 4.4 |
| W | 1.6 | 1.1 | .1 | .5 | .1 | | | | | | | 3.4 | 5.2 |
| WNW | 1.3 | 1.2 | .3 | .2 | .1 | | | | | | | 2.6 | 5.1 |
| NW | .6 | 1.2 | .4 | .1 | | | | | | | | 2.2 | 5.2 |
| NNW | 1.8 | 1.6 | .9 | .1 | | | | | | | | 3.6 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.1 | |
| | 22.9 | 29.9 | 18.1 | 11.6 | 1.4 | | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS ...70

...QUARTAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# SURFACE WINDS

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

72266 STATION — ...YESS AFB TX STATION NAME — 73-82 YEARS — ALL MONTH

ALL WEATHER CLASS — 1[illegible]-2[illegible] HOURS (LST)

CONDITION

| SPEED KNTS / DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.4 | 5.4 | 2.3 | .2 | | | | | | | 11.7 | [illegible] |
| NNE | .3 | 1.2 | 1.5 | 2.5 | .2 | | | | | | | [illegible] | 5.[illegible] |
| NE | .3 | .6 | .3 | .6 | | | | | | | | 1.8 | 7.4 |
| ENE | .2 | .4 | | | | | | | | | | .6 | 7.7 |
| E | .6 | .3 | | | | | | | | | | 1.3 | 7.[illegible] |
| ESE | .3 | .2 | | | | | | | | | | .[illegible] | [illegible] |
| SE | .3 | .3 | | | | | | | | | | .6 | 5.[illegible] |
| SSE | .9 | 1.8 | 1.0 | .4 | .1 | | | | | | | 4.[illegible] | [illegible] |
| S | 4.3 | 4.1 | 4.5 | 4.5 | 1.2 | .1 | | | | | | 18.[illegible] | [illegible] |
| SSW | 4.5 | 3.2 | 2.8 | 2.3 | .5 | .1 | | | | | | 14.[illegible] | 7.1 |
| SW | 3.8 | 2.2 | 1.[illegible] | .8 | .1 | | | | | | | 8.7 | [illegible] |
| WSW | 1.3 | 1.5 | .2 | .6 | | | | | | | | [illegible] | 5.7 |
| W | 2.3 | 1.7 | .9 | .4 | | | | | | | | [illegible] | [illegible] |
| WNW | .6 | .5 | .4 | .3 | | | | | | | | [illegible] | [illegible] |
| NW | 1.4 | 1.7 | .5 | .1 | | | | | | | | [illegible] | [illegible] |
| NNW | .9 | 1.1 | .3 | | .2 | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.[illegible] | |
| | 22.4 | 25.4 | 18.9 | 14.8 | 2.8 | .2 | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

| SPEED (KNTS) DIR | 1 - 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 | 3.2 | 5.0 | 4.4 | .5 | .0 | | | | | | 14.4 | 5.0 |
| NNE | .4 | 1.1 | 1.6 | 1.7 | .2 | | | | | | | 5.0 | 5.0 |
| NE | .4 | .5 | .3 | .2 | .0 | | | | | | | 1.5 | 4.1 |
| ENE | .3 | .4 | .2 | | | | | | | | | .9 | 4.2 |
| E | .6 | .3 | .1 | | | | | | | | | 1.1 | 3.1 |
| ESE | .3 | .3 | .2 | | | | | | | | | .8 | 3.5 |
| SE | .3 | .4 | .3 | .2 | | | | | | | | 1.2 | 3.4 |
| SSE | .5 | 1.2 | 1.1 | .5 | .1 | | | | | | | 3.4 | 5.1 |
| S | 2.4 | 3.3 | 4.4 | 4.2 | 1.2 | .1 | | | | | | 15. | 5.7 |
| SSW | 2.1 | 2.2 | 3.3 | 3.4 | .8 | .2 | | | | | | 11.1 | 5.1 |
| SW | 2.0 | 2.1 | 2.0 | 2.6 | .2 | .0 | | | | | | 8.3 | 7.2 |
| WSW | 1.2 | 1.2 | 1.2 | 1.4 | .1 | | | | | | | 5.1 | 7.3 |
| W | 1.4 | 1.5 | 1.7 | .8 | .1 | .0 | | | | | | 5.5 | 7.2 |
| WNW | 1.2 | 1.5 | 1.2 | .7 | .1 | .0 | .0 | | | | | 4.4 | 6.5 |
| NW | 1.0 | 1.5 | 1.2 | .4 | .0 | .0 | | | | | | 5.2 | 6.4 |
| NNW | 1.1 | 1.2 | 1.6 | .8 | .1 | | | | | | | 5.3 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.0 | |
| | 16.2 | 23.2 | 25.3 | 23.3 | 3.3 | .2 | .0 | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 2408

...L CLIMATOLOGY BRANCH
...ATHER SERVICE/MAC

# SURFACE WINDS

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

...YESS AFB IX — STATION NAME — 7?-8? 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 | 1.5 | 2.1 | 2.9 | 2.[illegible] | .3 | .0 | .0 | | | | | [illegible] | [illegible] |
| NNE | .3 | 1.1 | 1.4 | 1.[illegible] | .1 | .0 | | | | | | [illegible] | [illegible] |
| NE | .5 | .9 | 1.[illegible] | .4 | .0 | | | | | | | [illegible] | [illegible] |
| ENE | .6 | .3 | .6 | .2 | .0 | .0 | | | | | | [illegible] | [illegible] |
| E | .8 | 1.[illegible] | .7 | .[illegible] | .0 | .0 | | | | | | [illegible] | [illegible] |
| ESE | .6 | 1.[illegible] | .7 | .2 | .0 | | | | | | | [illegible] | [illegible] |
| SE | .3 | 1.4 | 1.6 | .6 | .1 | .0 | | | | | | [illegible] | [illegible] |
| SSE | 1.3 | 2.7 | 3.6 | 2.3 | .3 | .1 | .0 | .0 | | | | [illegible] | [illegible] |
| S | 3.1 | 5.6 | [illegible] | [illegible] | 1.[illegible] | .3 | .0 | | | | | [illegible] | [illegible] |
| SSW | 1.6 | 2.2 | 3.[illegible] | 2.[illegible] | .4 | .0 | | | | | | [illegible] | [illegible] |
| SW | 1.1 | 1.[illegible] | 1.4 | .5 | .1 | .0 | .0 | | | | | [illegible] | [illegible] |
| WSW | .6 | .8 | .8 | .[illegible] | .1 | .0 | .0 | | | | | [illegible] | [illegible] |
| W | .8 | 1.[illegible] | .9 | .6 | .1 | .1 | .0 | .0 | | | | [illegible] | [illegible] |
| WNW | .6 | .7 | .6 | .[illegible] | .1 | .0 | .0 | | | | | [illegible] | [illegible] |
| NW | .6 | .7 | .7 | .[illegible] | .0 | .0 | .0 | | | | | [illegible] | [illegible] |
| NNW | .[illegible] | .[illegible] | .9 | .[illegible] | .1 | .0 | .0 | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] PATH F DET-VICC/PAC

# SURFACE WINDS

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

[illegible] DYESS AFB TX — STATION NAME — 77-82 — 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 | .6 | 5.1 | 10.3 | 7.0 | .7 | .1 | | | | | | 23.8 | 6.8 |
| NNE | 1.0 | 3.3 | 4.2 | 2.0 | .3 | | | | | | | 10.8 | 6.1 |
| NE | 1.1 | 2.6 | 2.9 | .6 | .1 | | | | | | | 7.4 | 6.7 |
| ENE | .9 | 1.5 | 1.5 | .3 | | .0 | | | | | | 4.3 | 6.2 |
| E | 1.3 | 2.0 | 1.3 | .4 | .0 | | | | | | | 5.1 | 5.8 |
| ESE | .6 | 1.5 | 1.2 | .2 | | | | | | | | 3.6 | 6.0 |
| SE | .6 | 1.2 | 1.4 | .5 | .1 | .0 | | | | | | 3.8 | 7.0 |
| SSE | .7 | 1.7 | 2.7 | 1.0 | .4 | | .0 | | | | | 7.1 | 6.8 |
| S | 1.1 | 1.9 | 2.5 | 1.4 | .3 | .1 | .0 | | | | | 7.3 | 6.3 |
| SSW | .5 | .7 | .8 | .5 | .0 | | | | | | | 2.6 | 7.3 |
| SW | .4 | .4 | .2 | .1 | | .0 | | | | | | 1.2 | 5.8 |
| WSW | .3 | .3 | .1 | .0 | | | .0 | | | | | .7 | 5.6 |
| W | .3 | .4 | .3 | .4 | .2 | .1 | .0 | .0 | | | | 1.7 | 11.0 |
| WNW | .3 | .4 | .4 | .3 | .1 | .1 | .0 | | | | | 1.7 | 9.2 |
| NW | .4 | .5 | 1.0 | .5 | .1 | .1 | | | | | | 2.6 | 8.2 |
| NNW | .6 | 1.5 | 2.3 | 1.4 | | | .0 | | | | | 5.8 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 13.6 | 24.7 | 33.0 | 17.4 | 2.3 | .5 | .1 | .0 | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS — ALL

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART D CEILING VERSUS VISIBILITY

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

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

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

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 1963, 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. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 1800 | | | | | | | | | | | | | | | | |
| ≥ 1500 | | | | | 91.0 | | | | | | | | | | | 92.6 |
| ≥ 1200 | | | | | | | | | | | | | | | | |
| ≥ 1000 | | | | | | | | | | | | | | | | |
| ≥ 900 | | | | | | | | | | | | | | | | |
| ≥ 800 | | | | | | | | | | | | | | | | |
| ≥ 700 | | | | | | | | | | | | | | | | |
| ≥ 600 | | | | | | | | | | | | | | | | |
| ≥ 500 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| ≥ 400 | | | | | | | | | | | | | | | | |
| ≥ 300 | | | | | | | | | | | | | | | | |
| ≥ 200 | | | | | | | | | | | | | | | | |
| ≥ 100 | | | | | | | | | | | | | | | | |
| ≥ 0 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | | 100.0 |

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

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

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

## ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
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# CEILING VERSUS VISIBILITY

[illegible] YEES AFB TX 74-87 [illegible]
STATION STATION NAME YEARS

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

[illegible]

| CEILING (HUNDREDS OF FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | 0 |
| NO CEILING | 65.3 | 65.5 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 20000 | 70.1 | 70.3 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 18000 | 70.1 | 70.3 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 5000 | 70.1 | 70.3 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 4500 | 70.2 | 70.4 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 4000 | 71.1 | 71.2 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 3500 | 73.1 | 73.3 | 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 |
| ≥ 3000 | 73.1 | 73.3 | 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 |
| ≥ 2500 | 74.7 | 75.2 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 2000 | 74.8 | 75.4 | 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 |
| ≥ 1800 | 75.1 | 75.6 | 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 |
| ≥ 1500 | 75.6 | 76.2 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 1000 | 75.9 | 76.6 | 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 |
| ≥ 800 | 76.3 | 77.7 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 600 | 77.2 | 78.4 | 79.1 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 400 | 78.1 | 79.7 | 80.4 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 300 | 78.7 | 80.4 | 81.2 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 200 | 78.8 | 82.2 | 83.0 | 83.1 | 83.2 | 83.2 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 150 | 78.9 | 82.2 | 83.0 | 83.1 | 83.2 | 83.2 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 |
| ≥ 100 | 81.5 | 84.3 | 85.2 | 85.3 | 85.4 | 85.4 | 85.4 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 |
| ≥ 50 | 83.1 | 85.9 | 86.8 | 86.9 | 87.1 | 87.0 | 87.0 | 87.2 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 0 | 84.1 | 87.3 | 88.2 | 88.5 | 88.7 | 88.7 | 88.8 | 89.0 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 0 | 84.6 | 88.1 | 88.9 | 89.5 | 89.7 | 89.7 | 89.8 | 90.0 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 0 | 84.9 | 88.6 | 89.5 | 90.3 | 90.3 | 90.3 | 90.5 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 0 | 85.2 | 89.0 | 90.0 | 90.5 | 90.6 | 90.8 | 90.9 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 |
| ≥ 0 | 85.3 | 89.7 | 90.9 | 91.6 | 92.0 | 92.0 | 92.4 | 92.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 |
| ≥ 0 | 85.4 | 90.2 | 91.6 | 92.5 | 93.4 | 93.4 | 94.1 | 95.4 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 |
| ≥ 0 | 85.4 | 90.5 | 91.9 | 93.0 | 94.5 | 94.7 | 95.7 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 |
| ≥ 0 | 85.4 | 90.8 | 92.3 | 93.3 | 94.8 | 95.3 | 96.2 | 97.6 | 98.1 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 |
| ≥ 0 | 85.4 | 90.8 | 92.4 | 93.4 | 95.2 | 95.5 | 96.6 | 98.1 | 98.5 | 98.7 | 98.8 | 98.8 | 99.1 | 99.2 | 99.2 |
| ≥ 0 | 85.4 | 90.8 | 92.4 | 93.4 | 95.2 | 95.5 | 96.6 | 98.1 | 98.5 | 98.7 | 99.0 | 99.0 | 99.5 | 99.7 | 99.7 |
| | 85.4 | 90.8 | 92.4 | 93.4 | 95.2 | 95.5 | 96.6 | 98.1 | 98.5 | 98.7 | 99.0 | 99.0 | 99.5 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] STATION NAME | 74-67 YEARS | JAN MONTH

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

[illegible]-0500 HOURS

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | <¼ |
| [illegible] UNL | 63.7 | 63.3 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 20000 | 68.3 | 68.0 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| 18000 | 68.3 | 68.0 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| 16000 | 68.5 | 68.1 | 68.4 | 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 |
| 14000 | 68.6 | 68.2 | 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 |
| 12000 | 68.9 | 68.5 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| 10000 | 69.1 | 69.6 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| 9000 | 69.3 | 69.8 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| 8000 | 70.5 | 72.2 | 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 |
| 7000 | 72.9 | 72.6 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| 6000 | 70.9 | 72.6 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| 5000 | 72.3 | 73.8 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| 4500 | 72.1 | 73.9 | 74.4 | 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 |
| 4000 | 72.8 | 74.6 | 75.2 | 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 |
| 3500 | 73.5 | 75.6 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| 3000 | 74.2 | 76.8 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| 2500 | 76.1 | 78.9 | 79.5 | 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 |
| 2000 | 77.5 | 80.6 | 81.4 | 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 |
| 1800 | 77.7 | 81.1 | 81.8 | 82.0 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| 1500 | 83.1 | 83.5 | 84.5 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 1000 | 81.4 | 85.5 | 86.6 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| 900 | 82.7 | 87.0 | 88.1 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| 800 | 83.4 | 87.7 | 88.9 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| 700 | 83.4 | 88.1 | 89.5 | 90.0 | 90.1 | 90.2 | 90.3 | 90.3 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| 600 | 83.5 | 88.4 | 89.9 | 90.3 | 90.4 | 90.5 | 90.6 | 90.6 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| 500 | 83.7 | 88.9 | 9 .5 | 91.1 | 91.4 | 91.5 | 91.7 | 91.7 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.2 | 92.2 | 92.2 |
| 450 | 83.8 | 89.7 | 91.6 | 92.5 | 93.2 | 93.3 | 93.5 | 93.9 | 94.1 | 94.3 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 |
| 400 | 83.9 | 89.9 | 92.2 | 93.1 | 94.4 | 94.7 | 95.1 | 95.4 | 95.6 | 96.0 | 96.1 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 |
| 350 | 83.9 | 9 .0 | 92.3 | 93.3 | 94.7 | 95.1 | 95.9 | 96.3 | 96.6 | 97.0 | 97.2 | 97.6 | 98.0 | 98.1 | 98.1 | 98.1 |
| 300 | 83.9 | 90.1 | 92.3 | 93.3 | 94.7 | 95.1 | 96.2 | 97.2 | 97.4 | 98.1 | 98.4 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 |
| 250 | 83.9 | 90.0 | 92.3 | 93.3 | 94.8 | 95.2 | 96.5 | 97.4 | 97.6 | 98.3 | 98.6 | 99.0 | 99.4 | 99.5 | 99.6 | 99.7 |
| 0 | 83.9 | 9 .0 | 92.3 | 93.3 | 94.8 | 95.2 | 96.5 | 97.4 | 97.6 | 98.3 | 98.6 | 99.0 | 99.4 | 99.5 | 99.81 | 0.0 |

TOTAL NUMBER OF OBSERVATIONS 492

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7225 0 STATION | OYESS AFB TY STATION NAME | 74-67 YEARS | JAN MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 | | | | |
| NO CEILING | 57.6 | 59.7 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 20000 | 62.3 | 65.3 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 18000 | 63.1 | 65.5 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 16000 | 63.1 | 65.5 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 14000 | 63.3 | 66.0 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 12000 | 64.7 | 67.3 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 11000 | 65.2 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 10000 | 65.9 | 68.8 | 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 |
| ≥ 9000 | 66.7 | 69.5 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 8000 | 67.3 | 70.4 | 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 | 70.2 |
| ≥ 7000 | 67.6 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 6000 | 69.7 | 72.8 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 5000 | 70.7 | 73.3 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 4500 | 70.5 | 74.0 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 4000 | 71.2 | 74.4 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 3500 | 72.4 | 76.3 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 3000 | 73.3 | 77.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 2500 | 74.1 | 78.9 | 79.2 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 2000 | 75.1 | 79.7 | 80.1 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 1800 | 76.3 | 81.2 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 1600 | 77.9 | 83.3 | 84.4 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 1400 | 79.8 | 85.5 | 86.8 | 87.2 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 1200 | 80.4 | 86.5 | 87.9 | 88.4 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 1100 | 80.9 | 87.2 | 88.6 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 1000 | 81.1 | 87.5 | 89.1 | 90.1 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 900 | 81.4 | 88.5 | 90.2 | 91.3 | 91.6 | 91.7 | 91.9 | 92.4 | 92.4 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 800 | 81.4 | 89.4 | 91.2 | 92.8 | 93.4 | 93.5 | 93.8 | 94.2 | 94.2 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 700 | 81.4 | 89.6 | 91.5 | 93.4 | 94.2 | 94.4 | 94.8 | 95.3 | 95.3 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 600 | 81.4 | 89.6 | 91.5 | 93.5 | 94.6 | 94.9 | 95.5 | 96.2 | 96.5 | 97.0 | 97.3 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 500 | 81.4 | 89.6 | 91.5 | 93.5 | 94.7 | 95.1 | 95.7 | 96.9 | 97.2 | 97.8 | 98.7 | 98.7 | 99.1 | 99.2 | 99.4 | 99.6 |
| ≥ 400 | 81.4 | 89.6 | 91.5 | 93.5 | 94.7 | 95.1 | 95.7 | 96.9 | 97.2 | 97.8 | 98.7 | 98.7 | 99.1 | 99.2 | 99.5 | 99.9 |
| 0 | 81.4 | 89.6 | 91.5 | 93.5 | 94.7 | 95.1 | 95.7 | 96.9 | 97.2 | 97.8 | 98.7 | 98.7 | 99.2 | 99.4 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] DYESS AFB TX 74-77 JAN

STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 | |
| [illegible] FEW | 53.4 | 54.4 | 54.4 | 54.5 | 54.[illegible] | [illegible].5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.[illegible] | 54.5 | 54.5 |
| 2000 | 61.1 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63. | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| 3000 | 62.3 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| 3500 | 62.4 | 63.9 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| 4000 | 63.7 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| 4500 | 64.3 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| 5000 | 66.5 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 6000 | 66.5 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| 7000 | 67.1 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| 8000 | 69.5 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| 9000 | 68.9 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| 10000 | 70.4 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| 12000 | 72.9 | 72.5 | 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 |
| 15000 | 71.7 | 73.4 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| 17000 | 72.2 | 73.9 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 |
| 20000 | 73.1 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 |
| 25000 | 73.9 | 75.8 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 |
| 30000 | 75.4 | 77.7 | 77.8 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 |
| 35000 | 76.2 | 78.7 | 79.0 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 |
| 40000 | 77.6 | 80.4 | 80.8 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 |
| 45000 | 79.9 | 83.4 | 84.0 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 |
| 50000 | 81.1 | 85.4 | 86.1 | 86.6 | 86.7 | 86.7 | 86.8 | 86.8 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.2 | 87.2 | 87.2 |
| 60000 | 81.4 | 86.0 | 86.8 | 87.3 | 87.5 | 87.5 | 87.7 | 87.7 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 |
| 70000 | 81.5 | 86.3 | 87.3 | 88.1 | 88.5 | 88.5 | 88.8 | 88.9 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.5 | 89.5 | 89.5 |
| 80000 | 81.6 | 86.7 | 87.6 | 88.6 | 89.2 | 89.2 | 89.6 | 89.7 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 |
| 90000 | 81.7 | 87.6 | 88.6 | 90.1 | 90.8 | 90.8 | 91.2 | 91.7 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 |
| 100000 | 81.9 | 88.2 | 89.4 | 91.2 | 91.9 | 91.9 | 92.4 | 93.1 | 93.7 | 94.0 | 94.1 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 |
| 120000 | 81.9 | 88.2 | 89.6 | 91.9 | 92.9 | 92.9 | 93.4 | 94.6 | 95.5 | 95.8 | 96.1 | 96.2 | 96.2 | 96.5 | 96.5 | 96.5 |
| 150000 | 81.9 | 88.3 | 89.7 | 92.2 | 93.3 | 93.3 | 93.9 | 95.4 | 96.3 | 97.3 | 98.3 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 |
| 200000 | 81.9 | 88.3 | 89.7 | 92.2 | 93.3 | 93.3 | 93.9 | 95.4 | 96.3 | 97.4 | 98.6 | 98.8 | 98.9 | 99.2 | 99.4 | 99.5 |
| UNL | 81.9 | 88.3 | 89.7 | 92.2 | 93.3 | 93.3 | 93.9 | 95.4 | 96.3 | 97.4 | 98.6 | 98.8 | 99.0 | 99.4 | 99.5 | 99.8 |
| | 81.9 | 88.3 | 89.7 | 92.2 | 93.3 | 93.3 | 93.9 | 95.4 | 96.3 | 97.4 | 98.6 | 98.8 | 99.0 | 99.4 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7126 65 — STATION — LYCES AFB TX — STATION NAME — 74-82 — YEARS — JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥ | ≥1 | ≥1 | ≥1 | ≥1 | 1 | ≥5/8 | ≥ |
| 22000 | 56.3 | 57.0 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| | 62.1 | 64.1 | 64.1 | 64.1 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| 10000 | 64.1 | 65.2 | 65.3 | 65.3 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| 5000 | 64.2 | 65.3 | 65.4 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| 4500 | 65.3 | 66.3 | 66.5 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| 3000 | 67.1 | 68.1 | 68.2 | 68.2 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| 2500 | 68.4 | 69.7 | 69.9 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| 2000 | 68.9 | 70.1 | 70.2 | 70.3 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| 1800 | 71.1 | 71.5 | 71.6 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| 1500 | 70.3 | 72.3 | 72.4 | 72.5 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| 1200 | 71.2 | 73.0 | 73.2 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| 1000 | 72.5 | 73.9 | 74.1 | 74.2 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| 900 | 73.4 | 74.8 | 75.1 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| 800 | 74.1 | 75.5 | 75.7 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 700 | 74.5 | 76.1 | 76.2 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| 600 | 74.8 | 76.3 | 76.6 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| 500 | 75.7 | 77.2 | 77.5 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| 400 | 77.4 | 79.2 | 79.6 | 80.0 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| 300 | 79.1 | 80.1 | 80.3 | 80.6 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| 200 | 80.1 | 82.4 | 82.9 | 83.2 | 83.4 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 150 | 82.3 | 84.8 | 85.3 | 85.9 | 86.1 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 100 | 87.4 | 86.5 | 87.4 | 88.1 | 88.3 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 050 | 83.9 | 87.4 | 88.1 | 89.1 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| 000 | 84.3 | 88.2 | 88.8 | 90.0 | 90.4 | 90.5 | 90.6 | 90.6 | 90.8 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| M | 84.3 | 88.6 | 89.4 | 90.6 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| M | 84.4 | 89.2 | 90.1 | 92.2 | 92.7 | 92.8 | 93.3 | 93.9 | 94.1 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| M | 84.4 | 89.6 | 90.6 | 93.0 | 93.8 | 93.9 | 94.7 | 95.4 | 96.0 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| M | 84.4 | 89.9 | 91.1 | 93.3 | 94.5 | 94.6 | 95.6 | 96.3 | 97.1 | 97.5 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| M | 84.4 | 89.9 | 91.0 | 93.4 | 94.6 | 94.7 | 95.7 | 96.9 | 98.1 | 98.7 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 |
| M | 84.4 | 89.9 | 91.0 | 93.4 | 94.6 | 94.7 | 95.7 | 96.9 | 98.2 | 99.0 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 |
| M | 84.4 | 89.9 | 91.0 | 93.4 | 94.6 | 94.7 | 95.7 | 96.9 | 98.2 | 99.0 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 |
| | 84.4 | 89.9 | 91.0 | 93.4 | 94.6 | 94.7 | 95.7 | 96.9 | 98.2 | 99.0 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

72256 — JAMES AFB TX — 74-67 — JAN

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1100-1700

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | 3 | 2½ | 2 | 1½ | 1 | ¾ | ½ | ¼ | 0 |
| ≥ 20000 | 65.7 | 67.5 | 67.6 | 67.7 | 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 | 65.8 | 67.7 | 67.8 | 68.0 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 14000 | 66.2 | 68.2 | 68.3 | 68.4 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 12000 | 66.3 | 68.5 | 68.6 | 68.7 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 10000 | 67.4 | 69.4 | 69.5 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 9000 | 68.6 | 71.5 | 71.6 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 8000 | 71.4 | 73.3 | 73.4 | 73.5 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 7000 | 71.8 | 73.5 | 73.7 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 6000 | 73.7 | 75.8 | 75.9 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 5000 | 74.4 | 76.6 | 76.7 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 4500 | 74.7 | 76.9 | 77.0 | 77.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 4000 | 76.1 | 78.5 | 78.7 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 3500 | 77.2 | 79.6 | 79.8 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 3000 | 78.3 | 81.0 | 81.2 | 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 |
| ≥ 2500 | 78.4 | 81.0 | 81.2 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 2000 | 78.5 | 81.2 | 81.5 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 1800 | 79.3 | 82.6 | 82.9 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 1500 | 81.2 | 84.1 | 84.4 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 1200 | 81.8 | 84.6 | 85.1 | 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 |
| ≥ 1000 | 83.1 | 86.1 | 86.7 | 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 |
| ≥ 900 | 84.4 | 88.3 | 88.8 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 800 | 84.9 | 89.8 | 90.3 | 90.8 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 700 | 85.3 | 90.2 | 90.9 | 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 |
| ≥ 600 | 85.6 | 90.5 | 91.3 | 92.0 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 500 | 85.8 | 90.9 | 91.6 | 92.7 | 93.7 | 93.4 | 93.7 | 93.8 | 93.9 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 450 | 85.9 | 91.4 | 92.4 | 94.1 | 94.8 | 94.9 | 95.4 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 400 | 85.9 | 91.8 | 92.8 | 94.5 | 95.4 | 95.5 | 96.1 | 96.7 | 97.2 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 350 | 85.9 | 91.8 | 92.8 | 94.6 | 95.6 | 95.8 | 96.7 | 97.5 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 300 | 85.9 | 91.8 | 92.8 | 94.6 | 95.6 | 95.8 | 96.7 | 97.5 | 99.0 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 250 | 85.9 | 91.8 | 92.8 | 94.6 | 95.6 | 95.8 | 96.7 | 97.5 | 99.0 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 85.9 | 91.8 | 92.8 | 94.6 | 95.6 | 95.8 | 96.7 | 97.5 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 85.9 | 91.8 | 92.8 | 94.6 | 95.6 | 95.8 | 96.7 | 97.5 | 99.0 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

L[illegible]AL CLIMATOLOGY BRANCH
AF[illegible]TAC
A[illegible] FATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] YES AFB, TX 74-67 [illegible]

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

[illegible]-[illegible]

[illegible] STATUTE MILES

| CEILING IN FEET | 10 | 6 | 5 | 4 | 3½ | 3 | 2½ | 2 | 1¼ | 1 | ¾ | ½ | ¼ | 0 | [illegible] | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | 57.8 | 59.4 | 59.7 | 61.0 | 61.[illegible] | [illegible].2 | [illegible].2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | [illegible].2 | [illegible].2 |
| [illegible]2000 | 65.3 | 69.7 | 7[illegible].3 | 70.3 | 7[illegible].5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| [illegible]800 | 69.5 | 70.0 | 70.3 | 70.6 | 70.[illegible] | 70.9 | 7[illegible].9 | 70.9 | 70.9 | 70.9 | 7[illegible].9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| [illegible]600 | 68.9 | 71.3 | 71.6 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| [illegible]400 | 69.9 | 71.4 | 71.7 | 72.0 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| [illegible]200 | 70.3 | 72.4 | 72.7 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| [illegible]000 | 73.4 | 75.1 | 75.4 | 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 |
| [illegible]900 | 73.9 | 75.5 | 75.8 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| [illegible]800 | 76.6 | 78.2 | 78.5 | 78.8 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| [illegible]700 | 77.1 | 78.6 | 78.9 | 79.2 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| [illegible]600 | 77.3 | 78.9 | 79.2 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 | 79.9 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| [illegible]500 | 78.3 | 80.0 | 80.3 | 80.6 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| [illegible]400 | 78.7 | 80.6 | 81.0 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| [illegible]300 | 79.9 | 81.6 | 82.2 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| [illegible]200 | 80.0 | 82.0 | 82.4 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| [illegible]100 | 80.9 | 83.3 | 83.7 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| [illegible]000 | 81.6 | 84.1 | 84.4 | 84.8 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| [illegible]900 | 83.4 | 85.9 | 86.3 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| [illegible]800 | 83.9 | 86.3 | 86.8 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| [illegible]700 | 84.7 | 87.2 | 87.6 | 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 |
| [illegible]600 | 85.4 | 88.6 | 89.1 | 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 |
| [illegible]500 | 85.5 | 88.1 | 88.8 | 90.5 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| [illegible]400 | 85.7 | 89.5 | 90.4 | 91.2 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| [illegible]300 | 86.1 | 90.4 | 91.4 | 92.2 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| [illegible]200 | 86.2 | 90.5 | 91.5 | 92.4 | 92.7 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| [illegible]100 | 86.3 | 91.0 | 92.0 | 93.1 | 93.7 | 93.9 | 94.5 | 94.6 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| [illegible]000 | 86.5 | 91.3 | 92.5 | 93.8 | 94.5 | 94.6 | 95.9 | 96.2 | 96.6 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| [illegible]900 | 86.9 | 91.3 | 92.5 | 93.9 | 94.8 | 95.1 | 96.8 | 97.4 | 98.[illegible] | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| [illegible]800 | 86.5 | 91.4 | 92.7 | 94.1 | 95.1 | 95.3 | 97.1 | 98.0 | 99.1 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| [illegible]700 | 86.9 | 91.4 | 92.7 | 94.1 | 95.1 | 95.3 | 97.1 | 98.0 | 99.1 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| [illegible] | 86.9 | 91.4 | 92.7 | 94.1 | 95.1 | 95.3 | 97.1 | 98.0 | 99.1 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| [illegible] | 86.9 | 91.4 | 92.7 | 94.1 | 95.1 | 95.3 | 97.1 | 98.0 | 99.1 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72265 — YEOVILTON — 74–77 — JAN

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

1 SEP 1962

| CEILING (FEET) | VISIBILITY (STATUTE MILES) ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 62.3 | 64.1 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| 200 | 70.4 | 71.6 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| 300 | 72.4 | 73.6 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| 400 | 73.5 | 74.7 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| 500 | 74.3 | 75.2 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| 600 | 74.4 | 75.6 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| 700 | 74.4 | 75.6 | 75.8 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 800 | 74.4 | 75.6 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 900 | 75.1 | 76.2 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| 1000 | 75.2 | 76.3 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| 1100 | 75.3 | 77.1 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| 1200 | 77.3 | 78.8 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| 1300 | 77.5 | 79.1 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| 1400 | 78.3 | 80.0 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| 1500 | 78.8 | 80.4 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| 1600 | 79.4 | 81.4 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| 1700 | 79.9 | 81.9 | 82.4 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| 1800 | 82.2 | 84.9 | 85.4 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| 1900 | 82.5 | 85.4 | 85.8 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 |
| 2000 | 83.2 | 86.1 | 86.6 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 |
| 2100 | 83.9 | 86.8 | 87.2 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.8 |
| 2200 | 84.6 | 88.1 | 88.6 | 88.9 | 88.9 | 89.0 | 89.0 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 |
| 2300 | 84.8 | 89.9 | 89.6 | 90.0 | 90.0 | 90.1 | 90.1 | 90.4 | 90.4 | 90.5 | 90.6 | 90.6 |
| 2400 | 85.1 | 90.1 | 90.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.6 | 91.9 | 92.0 | 92.2 | 92.4 |
| 2500 | 85.4 | 90.9 | 91.5 | 92.0 | 92.0 | 92.2 | 92.2 | 92.5 | 92.8 | 92.9 | 93.2 | 93.2 |
| 2600 | 85.4 | 90.9 | 91.6 | 92.5 | 92.7 | 92.8 | 92.8 | 93.2 | 93.5 | 93.7 | 93.8 | 93.8 |
| 2700 | 85.4 | 91.2 | 91.9 | 92.9 | 93.5 | 93.7 | 94.2 | 94.7 | 95.2 | 95.3 | 95.7 | 95.7 |
| 2800 | 85.4 | 91.5 | 92.4 | 93.7 | 94.4 | 94.5 | 95.4 | 96.3 | 96.8 | 96.9 | 97.4 | 97.4 |
| 2900 | 85.4 | 91.6 | 92.5 | 93.8 | 94.6 | 94.7 | 96.0 | 97.0 | 98.0 | 99.2 | 98.7 | 98.7 |
| 3000 | 85.4 | 91.6 | 92.5 | 93.8 | 94.6 | 94.7 | 96.1 | 97.1 | 98.2 | 98.5 | 99.0 | 99.1 |
| 3100 | 85.4 | 91.6 | 92.5 | 93.8 | 94.6 | 94.7 | 96.1 | 97.1 | 98.2 | 98.5 | 99.0 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 532

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

# CEILING VERSUS VISIBILITY

[illegible] [illegible] [illegible] [illegible] [illegible]

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible] ALL

[illegible] STATION NAME

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 | 6 | 4 | 3 | 2½ | 2 | 1½ | 1 | ¾ | ½ | ¼ | 0 | | | | |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] DYESS AFB TX [illegible] 74-[illegible] [illegible]
STATION NAME YEARS

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | [illegible] | 26 | [illegible] | 24 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | 76.0 | 77.7 | 78.[illegible] | 65.4 | 57.6 | 78.6 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | [illegible] | [illegible] |
| [illegible] | 70.4 | 72.2 | 72.5 | 72.9 | 73.0 | 73.2 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| [illegible] | 70.9 | 72.7 | 72.9 | 73.4 | 73.6 | 73.6 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| [illegible] | 70.9 | 72.7 | 72.9 | 73.4 | 73.6 | 73.6 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| [illegible] | 70.9 | 72.7 | 72.9 | 73.4 | 73.6 | 73.6 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| [illegible] | 71.2 | 72.9 | 73.2 | 73.6 | 73.9 | 74.0 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| [illegible] | 71.7 | 73.5 | 73.8 | 74.2 | 74.5 | 74.5 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| [illegible] | 71.7 | 73.5 | 73.8 | 74.2 | 74.5 | 74.5 | 74.9 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| [illegible] | 73.1 | 75.1 | 75.3 | 75.8 | 76.0 | 76.0 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| [illegible] | 73.2 | 75.2 | 75.4 | 75.9 | 76.1 | 76.1 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| [illegible] | 73.5 | 75.6 | 76.0 | 76.5 | 76.7 | 76.7 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| [illegible] | 74.3 | 76.6 | 76.8 | 77.3 | 77.5 | 77.5 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| [illegible] | 75.1 | 77.3 | 77.5 | 78.[illegible] | 78.[illegible] | 78.3 | 78.6 | 78.6 | 78.6 | 78.6 | 78.[illegible] | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| [illegible] | 75.4 | 77.7 | 77.9 | 78.4 | 78.6 | 78.6 | 79.[illegible] | 79.0 | 79.[illegible] | 79.[illegible] | 79.[illegible] | 79.[illegible] | 79.[illegible] | 79.[illegible] | 79.[illegible] | 79.[illegible] |
| [illegible] | 76.1 | 78.4 | 78.6 | 79.1 | 7[illegible].3 | 79.3 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| [illegible] | 76.5 | 78.8 | 79.1 | 79.6 | 79.8 | 79.8 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| [illegible] | 77.1 | 79.3 | 79.6 | 80.0 | 8[illegible] | [illegible].3 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| [illegible] | 78.[illegible] | 81.2 | 81.[illegible] | [illegible].0 | 82.3 | 82.3 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| [illegible] | 79.1 | 81.7 | 82.[illegible] | 82.5 | 82.7 | 82.7 | 83.2 | 83.2 | 83.[illegible] | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| [illegible] | 80.4 | 83.2 | 83.6 | 84.[illegible] | 84.3 | 84.3 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| [illegible] | 81.2 | 84.6 | 85.[illegible] | 85.5 | 85.7 | 85.8 | 86.3 | 86.3 | 86.[illegible] | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| [illegible] | 81.8 | 86.2 | 86.6 | 87.1 | 87.4 | 87.5 | 87.9 | 87.9 | 87.[illegible] | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| [illegible] | 82.4 | 87.2 | 87.7 | 88.2 | 88.4 | 88.5 | 89.[illegible] | 89.[illegible] | 89.[illegible] | 89.[illegible] | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| [illegible] | 82.[illegible] | 87.7 | 88.2 | 88.7 | 88.9 | 89.0 | 89.5 | 89.6 | 89.[illegible] | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| [illegible] | 82.9 | 87.7 | 88.4 | 89.1 | 89.4 | 89.5 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| [illegible] | 82.9 | 87.9 | 88.7 | 89.5 | 89.7 | 89.8 | 91.4 | 90.6 | 90.[illegible] | 90.8 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| [illegible] | 82.9 | 88.6 | 90.2 | 91.3 | 91.6 | 92.3 | 92.9 | 93.3 | 93.4 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| [illegible] | 82.9 | 89.5 | 91.1 | 92.4 | 92.8 | 93.6 | 94.2 | 94.[illegible] | 95.[illegible] | 95.0 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| [illegible] | 82.7 | 89.7 | 91.5 | 93.1 | 93.7 | 94.6 | 95.6 | 96.3 | 96.[illegible] | 96.5 | 96.8 | 96.8 | 96.9 | 96.[illegible] | 96.9 | 97.[illegible] |
| [illegible] | 82.7 | 90.0 | 91.7 | 93.4 | 94.0 | 94.9 | 96.2 | 97.2 | 97.4 | 97.5 | 98.1 | 98.2 | 98.5 | 98.5 | 98.6 | 98.7 |
| [illegible] | 82.7 | 9[illegible].0 | 91.7 | 93.4 | 94.0 | 94.9 | 96.2 | 97.3 | 97.[illegible] | 97.6 | 98.3 | 98.7 | 98.9 | 98.9 | 99.[illegible] | 99.4 |
| [illegible] | 82.7 | 9[illegible].0 | 91.7 | 93.4 | 94.0 | 94.9 | 96.2 | 97.3 | 97.[illegible] | 97.6 | 98.[illegible] | 98.7 | 98.9 | 98.9 | 99.[illegible] | 100.[illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

# CEILING VERSUS VISIBILITY

...ESS AFB, TX
STATION NAME

...-...
YEARS

## PERCENTAGE FREQUENCY OF OCCURRENCE
## FROM HOURLY OBSERVATIONS

...-...-...

...NS IN STATUTE MILES

| CEILING IN HUNDREDS OF FEET | 10+ | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5.4 | 64.7 | 64.9 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| | 67.4 | 69.5 | 69.7 | 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 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| | 68.1 | 69.9 | 70.1 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| | 68.1 | 69.9 | 70.1 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| | 68.2 | 70.1 | 70.3 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| | 68.4 | 70.4 | 70.6 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| | 68.1 | 70.9 | 71.2 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| | 68.1 | 71.3 | 71.3 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| | 72.7 | 73.0 | 73.3 | 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 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| | 72.8 | 73.3 | 73.5 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| | 71.2 | 73.5 | 73.8 | 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 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| | 72.3 | 74.7 | 74.9 | 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 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| | 72.7 | 75.1 | 75.3 | 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 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| | 73.4 | 75.8 | 76.1 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| | 74.1 | 76.4 | 76.6 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| | 74.3 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 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 |
| | 75.3 | 77.5 | 77.8 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| | 76.4 | 79.3 | 79.6 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| | 77.6 | 80.1 | 80.4 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| | 78.7 | 81.4 | 81.7 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| | 79.9 | 83.6 | 83.9 | 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 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| | 81.4 | 84.8 | 85.3 | 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 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| | 82.6 | 85.9 | 86.5 | 87.1 | 87.4 | 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 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| | 83.6 | 86.8 | 87.6 | 88.3 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| | 84.7 | 87.5 | 88.5 | 89.7 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 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 | 90.5 | 90.5 |
| | 85.4 | 88.4 | 89.6 | 90.8 | 91.4 | 91.6 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| | 86.1 | 89.1 | 90.3 | 92.1 | 92.8 | 93.0 | 93.1 | 93.6 | 93.8 | 93.8 | 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 | 93.9 | 93.9 | 93.9 |
| | 86.1 | 89.7 | 91.6 | 92.9 | 93.7 | 94.0 | 94.1 | 94.9 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| | 86.7 | 89.7 | 91.8 | 93.4 | 94.6 | 94.9 | 96.1 | 97.2 | 97.2 | 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 | 97.6 | 97.6 | 97.6 |
| | 86.1 | 89.7 | 91.9 | 93.4 | 94.6 | 95.0 | 96.3 | 97.5 | 97.5 | 97.8 | 98.2 | 98.3 | 98.3 | 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 |
| | 86.1 | 89.7 | 91.8 | 93.4 | 94.6 | 95.0 | 96.3 | 97.5 | 97.5 | 97.8 | 98.6 | 98.7 | 98.9 | 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 | 99.3 |
| | 86.1 | 89.7 | 91.8 | 93.4 | 94.6 | 95.1 | 96.3 | 97.5 | 97.5 | 97.9 | 98.8 | 98.9 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS ...

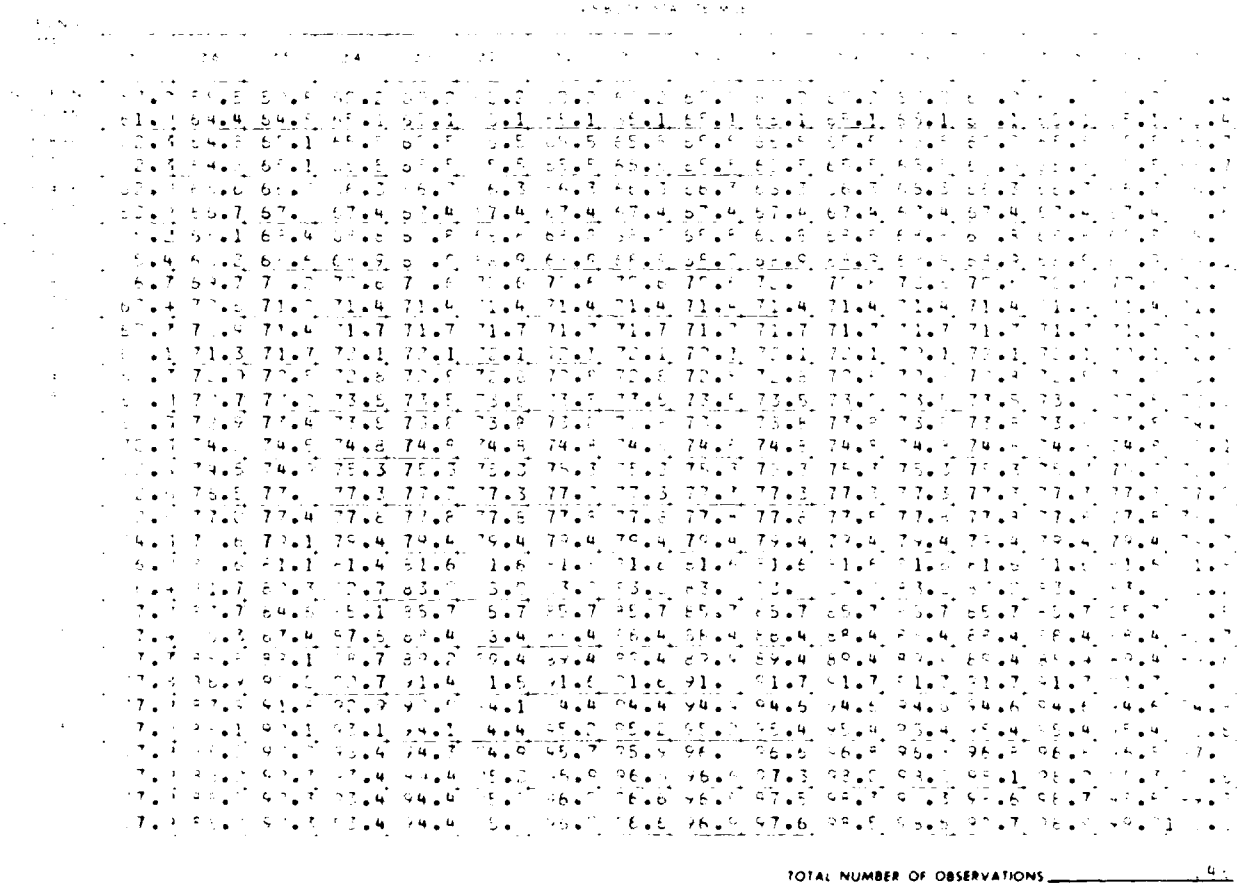
USAF ETAC ... 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# CEILING VERSUS VISIBILITY

...VERSUS ...ILITY
STATION NAME

## PERCENTAGE FREQUENCY OF OCCURRENCE
## FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS ...

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

# CEILING VERSUS VISIBILITY

...YE S AFB, I... — 74-0... — ...

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

...SIBILITY (STATUTE MILES)

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | 4.9 | 56.9 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| ... | 64.1 | 64.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 |
| ... | 65.2 | 65.2 | 65.3 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 | 65.7 |
| ... | 65.1 | 65.2 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 | 65.7 |
| ... | 66.4 | 66.4 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 |
| ... | 68.4 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 |
| ... | 68.4 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 |
| ... | 68.3 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 |
| ... | 69.4 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 |
| ... | 69.8 | 70.6 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ... | 70.2 | 71.2 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 |
| ... | 69.4 | 71.5 | 71.7 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 |
| ... | 69.1 | 72.0 | 72.2 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 |
| ... | 69.4 | 72.5 | 72.7 | 72.8 | 72.9 | 72.9 | 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 |
| ... | 69.4 | 72.9 | 73.2 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 77.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 |
| ... | 70.1 | 73.5 | 73.8 | 73.9 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 |
| ... | 71.2 | 74.5 | 74.7 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 |
| ... | 72.7 | 75.1 | 75.4 | 76.4 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 77.2 | 77.2 | 77.2 |
| ... | 73.1 | 76.5 | 76.7 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 |
| ... | 74.3 | 77.3 | 77.5 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 |
| ... | 75.2 | 81.0 | 81.6 | 81.8 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.6 | 81.6 | 81.6 |
| ... | 76.1 | 83.2 | 83.8 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 |
| ... | 76.7 | 84.3 | 85.7 | 86.4 | 86.6 | 87.0 | 87.0 | 87.0 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 |
| ... | 77.1 | 85.4 | 87.5 | 88.3 | 88.5 | 88.9 | 89.0 | 89.1 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 |
| ... | 77.5 | 86.4 | 88.3 | 89.2 | 89.5 | 89.8 | 90.1 | 90.2 | 90.4 | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 |
| ... | 77.4 | 86.5 | 89.4 | 90.4 | 90.8 | 91.1 | 91.5 | 92.0 | 92.2 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 |
| ... | 77.4 | 87.6 | 90.7 | 92.3 | 93.3 | 93.6 | 94.3 | 95.4 | 95.7 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 |
| ... | 77.7 | 87.6 | 90.7 | 92.4 | 93.5 | 93.9 | 95.0 | 96.3 | 96.7 | 97.0 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| ... | 77.7 | 87.8 | 91.1 | 92.9 | 94.1 | 94.4 | 95.9 | 97.3 | 97.6 | 98.2 | 98.7 | 98.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ... | 77.7 | 87.8 | 91.1 | 92.9 | 94.1 | 94.4 | 95.9 | 97.3 | 97.6 | 98.5 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ... | 77.7 | 87.8 | 91.1 | 92.9 | 94.1 | 94.4 | 95.9 | 97.3 | 97.6 | 98.5 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.91 | 100.0 | 100.0 | 100.0 |
| ... | 77.7 | 87.8 | 91.1 | 92.9 | 94.1 | 94.4 | 95.9 | 97.3 | 97.6 | 98.5 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.91 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS ...46

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3024 6 — DYESS AFB TX — 74-83 — FEB
STATION — STATION NAME — YEARS — MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | 0 | | |
| [illegible] | 57.8 | 59.7 | 59.9 | 59.8 | 60.2 | 60.3 | 60.4 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.6 | | |
| [illegible] | 66.1 | 68.1 | 68.2 | 68.2 | 68.7 | 68.8 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | | |
| [illegible] | 67.1 | 69.0 | 69.1 | 69.1 | 69.6 | 69.7 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.1 | | |
| [illegible] | 67.1 | 69.0 | 69.1 | 69.1 | 69.6 | 69.7 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.1 | | |
| [illegible] | 68.2 | 70.2 | 70.3 | 70.3 | 70.8 | 70.9 | 71.0 | 71.0 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 | | |
| [illegible] | 69.3 | 71.4 | 71.5 | 71.5 | 72.0 | 72.1 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.5 | | |
| [illegible] | 70.5 | 72.6 | 72.7 | 72.7 | 73.2 | 73.3 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.6 | | |
| [illegible] | 70.4 | 72.7 | 72.8 | 72.8 | 73.3 | 73.4 | 73.5 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.8 | | |
| [illegible] | 72.2 | 73.4 | 73.5 | 73.5 | 74.0 | 74.1 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.5 | | |
| [illegible] | 71.5 | 73.8 | 73.9 | 73.9 | 74.3 | 74.5 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | | |
| [illegible] | 71.6 | 74.2 | 74.3 | 74.3 | 74.8 | 74.9 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | | |
| [illegible] | 71.6 | 74.3 | 74.5 | 74.5 | 74.9 | 75.1 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.4 | | |
| [illegible] | 71.7 | 74.6 | 74.7 | 74.7 | 75.2 | 75.3 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.7 | | |
| [illegible] | 72.3 | 75.3 | 75.4 | 75.4 | 75.9 | 76.0 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.4 | | |
| [illegible] | 72.7 | 75.7 | 75.8 | 75.8 | 76.2 | 76.4 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 | | |
| [illegible] | 74.5 | 77.4 | 77.5 | 77.5 | 78.0 | 78.1 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 | | |
| [illegible] | 75.8 | 78.7 | 78.8 | 78.8 | 79.3 | 79.4 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | | |
| [illegible] | 78.1 | 81.1 | 81.1 | 81.1 | 81.6 | 81.7 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 | | |
| [illegible] | 79.2 | 82.2 | 82.3 | 82.3 | 82.7 | 82.9 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | | |
| [illegible] | 80.3 | 83.6 | 83.9 | 83.9 | 84.4 | 84.5 | 84.6 | 84.6 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | | |
| [illegible] | 82.2 | 86.9 | 87.4 | 87.4 | 87.8 | 87.9 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | | |
| [illegible] | 83.5 | 89.1 | 89.6 | 89.6 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | | |
| [illegible] | 83.7 | 89.7 | 90.4 | 90.4 | 91.1 | 91.3 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | | |
| [illegible] | 84.1 | 90.5 | 91.4 | 91.5 | 92.2 | 92.3 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | | |
| [illegible] | 84.1 | 91.4 | 93.3 | 93.1 | 94.0 | 94.1 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | | |
| [illegible] | 84.3 | 91.7 | 93.7 | 94.2 | 95.4 | 95.9 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | | |
| [illegible] | 84.3 | 92.4 | 94.6 | 95.3 | 96.9 | 97.0 | 98.0 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 96.7 | | |
| [illegible] | 84.3 | 92.4 | 94.6 | 95.3 | 96.5 | 97.0 | 98.2 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | | |
| [illegible] | 84.3 | 92.4 | 94.6 | 95.3 | 96.5 | 97.0 | 98.3 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.8 | | |
| [illegible] | 84.3 | 92.4 | 94.6 | 95.3 | 96.5 | 97.0 | 98.3 | 99.1 | 99.3 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | | |
| [illegible] | 84.3 | 92.4 | 94.6 | 95.3 | 96.5 | 97.0 | 98.3 | 99.1 | 99.3 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | | |
| [illegible] | 84.3 | 92.4 | 94.6 | 95.3 | 96.5 | 97.0 | 98.3 | 99.1 | 99.3 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | | |

TOTAL NUMBER OF OBSERVATIONS 246

CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] YEOV AFB TX — [illegible] — [illegible]
STATION NAME

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1200-1700

| CEILING FEET | VISIBILITY MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | 6 | 5 | 4 | 3 | 2½ | 2 | 1½ | 1 | ¾ | ½ | ¼ | 0 | | | |
| NO CEILING | 59.3 | 61.3 | 61.5 | 61.5 | 61.6 | 61.9 | 62.0 | 62.1 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.5 | 62.5 | 62.5 |
| ≥20000 | 69.7 | 71.8 | 71.1 | 71.3 | 71.4 | 71.7 | 72.0 | 72.1 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 |
| ≥18000 | 69.8 | 71.7 | 71.9 | 72.1 | 72.2 | 72.5 | 72.8 | 73.0 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 |
| ≥16000 | 69.8 | 71.7 | 71.9 | 72.1 | 72.3 | 72.5 | 72.8 | 73.0 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 |
| ≥14000 | 72.1 | 72.4 | 72.6 | 72.8 | 73.0 | 73.2 | 73.5 | 73.7 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 |
| ≥12000 | 72.7 | 73.1 | 73.4 | 73.7 | 73.8 | 74.0 | 74.4 | 74.5 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.8 | 74.9 | 74.9 |
| ≥11000 | 73.3 | 76.0 | 76.4 | 76.6 | 76.7 | 77.0 | 77.3 | 77.4 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 |
| ≥10000 | 73.3 | 76.1 | 76.4 | 76.6 | 76.7 | 77.0 | 77.3 | 77.4 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 |
| ≥9000 | 73.7 | 76.6 | 77.1 | 77.2 | 77.3 | 77.6 | 77.9 | 78.0 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 |
| ≥8000 | 74.3 | 77.2 | 77.6 | 77.8 | 77.9 | 78.2 | 78.5 | 78.6 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 |
| ≥7000 | 74.5 | 77.6 | 78.1 | 78.3 | 78.4 | 78.6 | 79.0 | 79.1 | 79.3 | 79.3 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 |
| ≥6000 | 74.7 | 77.8 | 78.3 | 78.5 | 78.6 | 78.9 | 79.2 | 79.3 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 |
| ≥5000 | 75.1 | 78.4 | 78.9 | 79.1 | 79.2 | 79.5 | 79.8 | 79.9 | 80.2 | 80.2 | 80.3 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 |
| ≥4500 | 75.7 | 79.1 | 79.5 | 79.7 | 79.8 | 80.0 | 80.4 | 80.5 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 |
| ≥4000 | 76.4 | 79.7 | 80.2 | 80.4 | 80.5 | 80.8 | 81.1 | 81.2 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 |
| ≥3500 | 77.1 | 80.4 | 80.9 | 81.1 | 81.2 | 81.5 | 81.8 | 81.9 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 |
| ≥3000 | 78.2 | 81.7 | 82.3 | 82.5 | 82.6 | 82.9 | 83.2 | 83.4 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 |
| ≥2500 | 82.7 | 83.9 | 84.5 | 85.0 | 85.1 | 85.4 | 85.7 | 85.8 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 |
| ≥2000 | 83.6 | 84.4 | 85.2 | 85.5 | 85.6 | 85.8 | 86.2 | 86.3 | 86.5 | 86.5 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 |
| ≥1800 | 84.1 | 86.2 | 87.0 | 87.2 | 87.4 | 87.6 | 88.0 | 88.1 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 |
| ≥1600 | 88.1 | 88.8 | 89.7 | 90.0 | 90.1 | 90.3 | 90.7 | 90.8 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 |
| ≥1400 | 89.4 | 90.4 | 91.1 | 91.4 | 91.5 | 91.7 | 92.1 | 92.2 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 |
| ≥1200 | 90.1 | 90.4 | 91.4 | 92.2 | 92.3 | 92.6 | 92.9 | 93.0 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 |
| ≥1000 | 94.1 | 94.9 | 92.3 | 92.8 | 92.9 | 93.2 | 93.5 | 93.6 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 |
| ≥900 | 94.3 | 91.1 | 93.1 | 93.5 | 93.7 | 94.0 | 94.5 | 94.6 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 |
| ≥800 | 94.3 | 91.7 | 93.9 | 94.5 | 95.0 | 95.3 | 95.7 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 |
| ≥700 | 94.3 | 92.2 | 94.3 | 95.2 | 95.7 | 96.0 | 96.7 | 97.0 | 97.4 | 97.8 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 |
| ≥600 | 94.3 | 92.3 | 94.5 | 95.6 | 96.3 | 96.6 | 97.3 | 98.1 | 98.7 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| ≥500 | 94.3 | 92.3 | 94.5 | 95.6 | 96.5 | 96.7 | 97.4 | 98.2 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥400 | 94.3 | 92.3 | 94.5 | 95.6 | 96.5 | 96.7 | 97.4 | 98.2 | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥300 | 94.3 | 92.3 | 94.5 | 95.6 | 96.5 | 96.7 | 97.4 | 98.2 | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥200 | 94.3 | 92.3 | 94.5 | 95.6 | 96.5 | 96.7 | 97.4 | 98.2 | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 0 | 94.3 | 92.3 | 94.5 | 95.6 | 96.5 | 96.7 | 97.4 | 98.2 | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 647

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] OVER AFB TX 74-77

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES

| CEILING FEET | 0 | 1/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 1 3/4 | 2 | 2 1/2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | 1.3 | 44.2 | 64.7 | 64.7 | 64.9 | 65.4 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| [illegible] | 1.4 | 71.2 | 72.3 | 72.1 | 72.3 | 72.8 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| [illegible] | 1.6 | 72.3 | 73.2 | 73.3 | 73.5 | 74.0 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| [illegible] | 1.6 | 72.3 | 73.2 | 73.3 | 73.5 | 74.0 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| [illegible] | 1.6 | 73.3 | 74.1 | 74.2 | 74.5 | 74.9 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| [illegible] | 1.6 | 74.9 | 75.9 | 76.1 | 76.3 | 76.7 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| [illegible] | 1.6 | 77.0 | 77.9 | 78.3 | 78.5 | 79.0 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| [illegible] | 1.6 | 77.0 | 77.9 | 78.3 | 78.5 | 79.0 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| [illegible] | 1.6 | 77.8 | 78.7 | 79.1 | 79.3 | 79.8 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| [illegible] | 1.6 | 77.9 | 78.8 | 79.2 | 79.4 | 79.9 | 80.1 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| [illegible] | 1.6 | 78.3 | 79.4 | 79.8 | 80.0 | 80.5 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| [illegible] | 1.6 | 79.6 | 81.1 | 81.3 | 81.6 | 82.0 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| [illegible] | 1.6 | 80.4 | 81.6 | 81.9 | 82.2 | 82.6 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83. |
| [illegible] | 1.6 | 81.1 | 82.3 | 82.6 | 82.9 | 83.3 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| [illegible] | 1.6 | 81.2 | 82.4 | 82.7 | 83.0 | 83.5 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| [illegible] | 1.6 | 81.6 | 82.7 | 83.1 | 83.3 | 83.8 | 84.0 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| [illegible] | 1.6 | 82.5 | 83.7 | 84.0 | 84.4 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| [illegible] | 1.6 | 84.4 | 85.6 | 85.9 | 86.3 | 86.8 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| [illegible] | 1.6 | 84.5 | 85.7 | 86.1 | 86.4 | 86.9 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| [illegible] | 1.6 | 86.3 | 87.5 | 87.9 | 88.3 | 88.8 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| [illegible] | 1.6 | 87.6 | 88.9 | 89.4 | 89.7 | 90.2 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| [illegible] | 1.6 | 88.8 | 90.4 | 91.1 | 91.5 | 92.0 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| [illegible] | 1.6 | 89.2 | 91.0 | 91.8 | 92.2 | 92.7 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| [illegible] | 1.6 | 89.7 | 91.5 | 92.6 | 92.9 | 93.4 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| [illegible] | 1.6 | 90.2 | 92.1 | 93.1 | 93.5 | 94.0 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| [illegible] | 1.6 | 90.7 | 92.6 | 93.7 | 94.1 | 94.6 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| [illegible] | 1.6 | 91.3 | 93.4 | 94.9 | 95.6 | 96.2 | 97.3 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| [illegible] | 1.6 | 91.5 | 93.7 | 95.5 | 96.2 | 96.8 | 98.0 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| [illegible] | 1.6 | 91.5 | 93.9 | 95.6 | 96.3 | 96.9 | 98.2 | 98.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| [illegible] | 1.6 | 91.5 | 93.9 | 95.6 | 96.3 | 96.9 | 98.2 | 98.8 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| [illegible] | 1.6 | 91.5 | 93.9 | 95.6 | 96.3 | 96.9 | 98.2 | 98.8 | 98.8 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| [illegible] | 1.6 | 91.5 | 93.9 | 95.6 | 96.3 | 96.9 | 98.2 | 98.8 | 98.8 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] YEES AFB TX STATION NAME — 74-8? YEARS — [illegible] HOURS

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] 1-6=2400

| CEILING (FEET) | VISIBILITY (STATUTE MILES) ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥½ | ≥¼ | ≥0 | ≥¼ | ≥½ | ≥1 | ≥2 | ≥3 | ≥5 | ≥6 | ≥10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | 67.5 | 69.3 | 69.9 | 69.9 | 70.1 | 70.1 | 70.4 | 70.4 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| [illegible] | 72.8 | 74.8 | 75.7 | 75.7 | 75.9 | 75.9 | 76.2 | 76.2 | 76.2 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| [illegible] | 73.3 | 75.4 | 76.2 | 76.2 | 76.5 | 76.5 | 76.8 | 76.8 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| [illegible] | 73.3 | 75.5 | 76.4 | 76.4 | 76.6 | 76.6 | 77.0 | 77.2 | 77.2 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| 4000 | 74.3 | 76.6 | 77.4 | 77.4 | 77.7 | 77.7 | 78.1 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| [illegible] | 75.1 | 77.5 | 78.5 | 78.5 | 78.7 | 78.7 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| [illegible] | 75.8 | 78.3 | 79.2 | 79.2 | 79.4 | 79.4 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 8000 | 75.8 | 78.3 | 79.2 | 79.2 | 79.4 | 79.4 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| [illegible] | 76.6 | 79.1 | 80.0 | 80.0 | 80.3 | 80.3 | 80.7 | 80.7 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| [illegible] | 76.7 | 79.2 | 80.1 | 80.1 | 80.4 | 80.4 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| 6000 | 77.1 | 79.6 | 80.5 | 80.5 | 80.7 | 80.7 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 5000 | 77.3 | 79.9 | 80.9 | 80.9 | 81.1 | 81.1 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| 4500 | 77.3 | 80.4 | 81.3 | 81.3 | 81.6 | 81.6 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| 4000 | 78.1 | 81.2 | 82.2 | 82.2 | 82.4 | 82.4 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| 3500 | 78.4 | 81.4 | 82.4 | 82.4 | 82.6 | 82.6 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 3000 | 79.1 | 82.2 | 83.1 | 83.1 | 83.3 | 83.3 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| 2500 | 79.4 | 82.7 | 83.8 | 83.8 | 84.0 | 84.0 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| 2000 | 80.1 | 83.5 | 84.5 | 84.6 | 84.9 | 84.9 | 85.3 | 85.3 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| 1800 | 80.6 | 84.2 | 85.2 | 85.3 | 85.6 | 85.6 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| 1600 | 81.9 | 85.5 | 86.5 | 86.6 | 86.9 | 86.9 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| 1400 | 82.6 | 86.5 | 87.7 | 87.8 | 88.1 | 88.1 | 88.5 | 88.5 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 1200 | 83.1 | 87.2 | 88.9 | 89.2 | 89.5 | 89.6 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 1000 | 83.5 | 88.2 | 89.6 | 90.2 | 90.5 | 90.7 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 900 | 83.6 | 88.9 | 90.8 | 91.4 | 91.7 | 91.8 | 92.3 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| 800 | 83.7 | 89.5 | 91.4 | 92.1 | 92.4 | 92.6 | 93.0 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 700 | 83.7 | 89.8 | 91.7 | 92.7 | 93.0 | 93.1 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 600 | 83.9 | 90.2 | 92.6 | 93.4 | 94.1 | 94.2 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 500 | 84.1 | 90.9 | 93.9 | 95.0 | 95.7 | 95.9 | 97.0 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| 400 | 84.3 | 91.1 | 94.1 | 95.3 | 96.0 | 96.1 | 97.4 | 97.9 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 300 | 84.3 | 91.1 | 94.2 | 95.5 | 96.2 | 96.3 | 97.8 | 98.5 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 200 | 84.3 | 91.1 | 94.2 | 95.5 | 96.2 | 96.3 | 97.8 | 98.5 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.61 | 0.0 | | |
| [illegible] | 84.3 | 91.1 | 94.2 | 95.5 | 96.2 | 96.3 | 97.8 | 98.5 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.61 | 0.0 | | |

TOTAL NUMBER OF OBSERVATIONS [illegible] 896

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

702 65 — STATION — LYE'S AFB TX — STATION NAME — 74-67 — YEARS — FEB — MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥ | ≥ | ≥ | ≥ | ≥ | 2 | ≥5/8 | ≥ | ≥0 |
| NO CEILING | 62.4 | 62.9 | 63.2 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 |
| ≥ 20000 | 67.2 | 69.4 | 69.8 | 70.0 | 70.2 | 70.3 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 8000 | 67.3 | 70.1 | 70.5 | 70.7 | 70.9 | 71.0 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 6000 | 67.3 | 70.1 | 70.5 | 70.7 | 70.9 | 71.0 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.4 |
| ≥ 4000 | 68.6 | 70.9 | 71.3 | 71.5 | 71.7 | 71.8 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 |
| ≥ 3000 | 69.5 | 71.9 | 72.3 | 72.5 | 72.7 | 72.8 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 |
| ≥ 2500 | 71.7 | 73.2 | 73.6 | 73.8 | 74.0 | 74.1 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 |
| ≥ 2000 | 72.8 | 74.2 | 74.6 | 74.9 | 75.0 | 75.1 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 |
| ≥ 1500 | 73.3 | 74.3 | 74.8 | 75.0 | 75.2 | 75.3 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 |
| ≥ 1000 | 74.1 | 74.7 | 75.2 | 75.4 | 75.6 | 75.7 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 |
| ≥ 900 | 74.3 | 75.1 | 75.6 | 75.8 | 76.0 | 76.1 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 |
| ≥ 800 | 74.9 | 75.7 | 76.2 | 76.5 | 76.7 | 76.8 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 700 | 75.3 | 76.3 | 76.7 | 77.0 | 77.2 | 77.3 | 77.5 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 |
| ≥ 600 | 75.3 | 76.9 | 77.4 | 77.6 | 77.8 | 77.9 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 |
| ≥ 500 | 76.2 | 77.3 | 77.8 | 78.1 | 78.2 | 78.3 | 78.5 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 400 | 76.1 | 78.1 | 78.6 | 78.8 | 79.0 | 79.1 | 79.3 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 300 | 76.7 | 78.9 | 79.5 | 79.7 | 79.9 | 80.0 | 80.2 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 |
| ≥ 200 | 77.4 | 80.7 | 81.3 | 81.6 | 81.8 | 81.9 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 |
| ≥ 150 | 77.8 | 81.3 | 81.9 | 82.2 | 82.4 | 82.5 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 |
| ≥ 100 | 79.1 | 82.9 | 83.5 | 83.8 | 84.0 | 84.1 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 |
| ≥ 70 | 80.9 | 84.8 | 85.5 | 85.9 | 86.1 | 86.2 | 86.4 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 |
| ≥ 50 | 81.9 | 86.2 | 87.2 | 87.6 | 87.9 | 88.0 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 |
| ≥ 30 | 81.3 | 87.3 | 89.5 | 89.9 | 89.3 | 89.5 | 89.7 | 89. | 89.4 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 |
| ≥ 20 | 81.5 | 88.2 | 89.6 | 90.2 | 90.5 | 90.7 | 91.0 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 |
| ≥ 15 | 81.6 | 88.7 | 90.4 | 91.1 | 91.5 | 91.7 | 92.0 | 92.1 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 |
| ≥ 10 | 81.7 | 89.2 | 91.2 | 92.1 | 92.6 | 92.9 | 93.3 | 93.5 | 93.6 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 |
| ≥ 7 | 81.4 | 89.9 | 92.3 | 93.4 | 94.2 | 94.6 | 95.2 | 95.6 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 |
| ≥ 5 | 81.9 | 90.2 | 91.8 | 94.0 | 94.9 | 95.3 | 96.1 | 96.7 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 |
| ≥ 3 | 81.9 | 90.3 | 93.2 | 94.3 | 95.2 | 95.7 | 96.8 | 97.6 | 97.9 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 |
| ≥ 2 | 81.9 | 90.4 | 93.0 | 94.4 | 95.3 | 95.8 | 97.0 | 97.9 | 98.2 | 98.6 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.3 |
| ≥ 1 | 81.9 | 90.4 | 93.0 | 94.4 | 95.3 | 95.8 | 97.0 | 97.9 | 98.2 | 98.6 | 99.1 | 99.2 | 99.4 | 99.5 | 99.6 | 99.7 |
| 0 | 81.9 | 90.4 | 93.0 | 94.4 | 95.3 | 95.8 | 97.0 | 97.9 | 98.2 | 98.7 | 99.1 | 99.3 | 99.4 | 99.6 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] 26 [illegible] STATION | LYNDS AFB TX STATION NAME | 74-87 YEARS | [illegible] MONTH

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

[illegible] - 200

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | 1 | 5/8 | ½ | <½ |
| NO CEILING | 65.4 | 66.6 | 66.6 | 67.1 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 20000 | 73.2 | 74.6 | 74.6 | 75.1 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 18000 | 73.5 | 74.9 | 74.9 | 75.4 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 9000 | 73.9 | 75.3 | 75.3 | 75.7 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 4000 | 74.4 | 75.9 | 75.9 | 76.3 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 2000 | 75.6 | 77.1 | 77.1 | 77.5 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 1000 | 76.9 | 78.4 | 78.4 | 79.0 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 900 | 76.6 | 78.5 | 78.5 | 79.1 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 800 | 77.1 | 79.2 | 79.2 | 79.9 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 700 | 77.3 | 79.5 | 79.5 | 80.1 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 600 | 78.1 | 80.3 | 80.3 | 81.0 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 500 | 78.4 | 81.8 | 81.8 | 82.5 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 450 | 80.1 | 82.6 | 82.6 | 83.2 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 400 | 80.6 | 83.2 | 83.2 | 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 |
| ≥ 350 | 81.9 | 84.7 | 84.7 | 85.4 | 85.9 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 300 | 82.1 | 85.6 | 85.6 | 86.2 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 250 | 84.5 | 87.6 | 87.6 | 88.3 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 200 | 86.1 | 89.6 | 89.7 | 90.3 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 150 | 86.3 | 90.0 | 90.3 | 91.0 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 100 | 87.1 | 91.5 | 91.8 | 92.5 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 70 | 88.2 | 91.6 | 92.0 | 93.7 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 50 | 88.5 | 93.5 | 94.1 | 94.6 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 30 | 88.6 | 94.1 | 94.5 | 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 |
| ≥ 20 | 88.6 | 94.3 | 94.7 | 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 |
| ≥ 15 | 88.6 | 94.6 | 95.2 | 95.9 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 10 | 88.7 | 94.7 | 95.6 | 96.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 7 | 88.7 | 95.3 | 96.2 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 5 | 88.7 | 95.4 | 96.3 | 97.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 3 | 88.8 | 95.6 | 96.6 | 98.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2 | 88.8 | 95.6 | 96.6 | 98.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1 | 88.8 | 95.6 | 96.6 | 98.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 0 | 88.8 | 95.6 | 96.6 | 98.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] LYE'S AFB TX — [illegible]-67 — MA

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 | 6 | 5 | 4 | 3 | 2 | 1 | 1/2 | 1/4 | 1/8 | 0 | 1/4 | 1/2 | 1 | 2 | 3 |
| [illegible] | 61.3 | 62.8 | 63.0 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| [illegible] | 69.7 | 72.4 | 72.2 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| [illegible] | 72.5 | 72.9 | 73.0 | 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 |
| [illegible] | 73.3 | 73.1 | 73.2 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| [illegible] | 71.1 | 73.2 | 73.4 | 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 |
| [illegible] | 72.4 | 74.7 | 74.8 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| [illegible] | 74.0 | 76.3 | 76.5 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| [illegible] | 74.1 | 76.3 | 76.5 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| [illegible] | 74.4 | 76.9 | 77.1 | 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 |
| [illegible] | 74.4 | 77.1 | 77.2 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| [illegible] | 74.5 | 77.8 | 78.0 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| [illegible] | 76.3 | 79.7 | 79.8 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| [illegible] | 77.1 | 80.3 | 80.4 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| [illegible] | 78.1 | 81.6 | 81.7 | 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 |
| [illegible] | 79.2 | 82.8 | 82.9 | 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 |
| [illegible] | 80.7 | 83.5 | 83.7 | 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 |
| [illegible] | 82.2 | 86.3 | 86.6 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| [illegible] | 84.1 | 88.5 | 88.8 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| [illegible] | 85.1 | 89.6 | 89.9 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| [illegible] | 86.1 | 90.6 | 91.1 | 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 |
| [illegible] | 86.7 | 91.5 | 91.9 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| [illegible] | 87.3 | 92.5 | 92.9 | 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 |
| [illegible] | 87.4 | 92.9 | 93.3 | 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 |
| [illegible] | 87.5 | 93.2 | 93.7 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| [illegible] | 87.9 | 93.8 | 94.2 | 94.7 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| [illegible] | 87.6 | 94.3 | 94.8 | 95.5 | 95.9 | 95.9 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| [illegible] | 87.6 | 94.7 | 95.4 | 96.7 | 97.2 | 97.2 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| [illegible] | 87.6 | 95.3 | 95.9 | 97.3 | 98.0 | 98.3 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| [illegible] | 87.6 | 95.3 | 96.0 | 97.4 | 98.2 | 98.5 | 98.8 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| [illegible] | 87.6 | 95.3 | 96.0 | 97.4 | 98.2 | 98.6 | 98.9 | 99.1 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| [illegible] | 87.6 | 95.3 | 96.0 | 97.4 | 98.2 | 98.6 | 98.9 | 99.2 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 |
| [illegible] | 87.6 | 95.3 | 96.0 | 97.4 | 98.2 | 98.6 | 98.9 | 99.2 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] YEARS AFB, TX — 74-[illegible] — [illegible]
STATION — STATION NAME — YEARS — UNITS

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]

| CEILING IN HUNDREDS OF FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION [illegible] YES AFB TX STATION NAME 74-67 YEARS USA

## PERCENTAGE FREQUENCY OF OCCURRENCE
## FROM HOURLY OBSERVATIONS

0000-2300

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 |
| 22000 | 54.1 | 55.4 | 56.4 | 55.4 | 57.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| 20000 | 62.3 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| 18000 | 63.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| 16000 | 64.4 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| 14000 | 66.1 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| 12000 | 68.4 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| 11000 | 70.3 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| 10000 | 71.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| 9000 | 72.2 | 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 | 74.5 |
| 8000 | 73.5 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| 7000 | 73.5 | 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 | 75.9 | 75.9 |
| 6000 | 74.9 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| 5000 | 75.1 | 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 | 78.6 | 78.6 |
| 4500 | 76.2 | 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 | 79.4 |
| 4000 | 76.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 3500 | 77.6 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| 3000 | 79.6 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| 2500 | 1.9 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| 2200 | 2.5 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| 2000 | 4.7 | 89.6 | 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 | 89.9 | 89.9 | 89.9 |
| 1800 | 6.1 | 91.7 | 91.8 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| 1600 | 6.5 | 92.7 | 93.3 | 93.6 | 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 |
| 1400 | 6.6 | 93.5 | 94.2 | 94.6 | 94.7 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 1200 | 6.8 | 94.1 | 94.9 | 95.6 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| 1100 | 6.8 | 94.3 | 95.3 | 95.9 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 1000 | 6.9 | 95.1 | 96.1 | 96.9 | 97.1 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 900 | 6.9 | 95.3 | 96.2 | 97.2 | 97.5 | 97.7 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 |
| 800 | 6.9 | 95.4 | 96.3 | 97.3 | 97.7 | 98.0 | 98.4 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 |
| 700 | 6.9 | 95.4 | 96.3 | 97.3 | 97.7 | 98.0 | 98.4 | 98.6 | 98.6 | 98.6 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| 600 | 6.9 | 95.4 | 96.3 | 97.3 | 97.7 | 98.0 | 98.4 | 98.6 | 98.6 | 98.6 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| 500 | 6.9 | 95.4 | 96.3 | 97.3 | 97.7 | 98.0 | 98.4 | 98.6 | 98.6 | 98.6 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| 400 | 6.9 | 95.4 | 96.3 | 97.3 | 97.7 | 98.0 | 98.4 | 98.6 | 98.6 | 98.6 | 99.1 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 97[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] YEARS AFB IY STATION NAME 74-37 YEARS [illegible]

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]-1400

| CEILING IN HUNDREDS OF FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | [illegible] | 30 | [illegible] | 24 | [illegible] | 20 | [illegible] | [illegible] | [illegible] | 2 | [illegible] | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | 55.7 | 56.1 | 56.5 | 57.1 | 57.3 | 57.7 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.6 |
| [illegible] | [illegible] | 68.9 | 69.5 | 69.7 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| [illegible] | [illegible] | 69.2 | 69.8 | 70.0 | 70.8 | 71.0 | 71.0 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| [illegible] | [illegible] | 69.2 | 69.8 | 70.0 | 70.8 | 71.0 | 71.0 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| [illegible] | [illegible] | [illegible] | 71.5 | 72.7 | 72.8 | 72.9 | 72.9 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| [illegible] | [illegible] | [illegible] | 73.7 | 74.4 | 74.6 | 74.6 | 74.6 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 76.5 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible]

...L CLIMATOLOGY BRANCH
...ETAC
...ATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

...YEES AFB, TX — 74-82

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

...ARY STATIONS

| ...NTHS | ...0 | ...6 | ...2 | ...4 | ...5 | ...0 | ...4 | ...2 | ...4 | ...0 | ...4 | ...2 | ...4 | ...0 | ...4 | ...2 | ...4

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

# CEILING VERSUS VISIBILITY

[illegible] [illegible] YEARS AT [illegible] [illegible] [illegible] 74-77 [illegible] [illegible]

## PERCENTAGE FREQUENCY OF OCCURRENCE
## FROM HOURLY OBSERVATIONS

[illegible]

[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETA [illegible]

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

# CEILING VERSUS VISIBILITY

[illegible] YEARS AT [illegible] STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC [illegible] 0-145 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# CEILING VERSUS VISIBILITY

... AFB, IA — 74-78 — ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

(USABLE STATION MILES)

| CEILING (FEET) | 10 | 7 | 5 | 4 | 3 | 2½ | 2 | 1½ | 1¼ | 1 | ¾ | ½ | ¼ | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20000 | 71.2 | 71.5 | 71.8 | 72.1 | 72.4 | 72.5 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| 15000 | 73.2 | 73.5 | 73.8 | 74.1 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| 12000 | 73.4 | 73.7 | 74.0 | 74.3 | 74.6 | 74.7 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| 10000 | 73.5 | 73.8 | 74.1 | 74.4 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| 9000 | 73.6 | 73.9 | 74.2 | 74.5 | 74.8 | 74.9 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| 8000 | 73.8 | 74.1 | 74.4 | 74.7 | 75.0 | 75.1 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| 7000 | 74.1 | 74.4 | 74.7 | 75.0 | 75.3 | 75.4 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| 6000 | 74.3 | 74.6 | 74.9 | 75.2 | 75.5 | 75.6 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| 5000 | 75.1 | 75.4 | 75.7 | 76.0 | 76.3 | 76.4 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| 4500 | 75.3 | 75.6 | 75.9 | 76.2 | 76.5 | 76.6 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| 4000 | 75.7 | 76.0 | 76.3 | 76.6 | 76.9 | 77.0 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 3500 | 76.3 | 76.6 | 76.9 | 77.2 | 77.5 | 77.6 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| 3000 | 77.7 | 78.0 | 78.3 | 78.6 | 78.9 | 79.0 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| 2500 | 78.3 | 78.6 | 78.9 | 79.2 | 79.5 | 79.6 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| 2000 | 79.3 | 79.6 | 79.9 | 80.2 | 80.5 | 80.6 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| 1800 | 79.5 | 79.8 | 80.1 | 80.4 | 80.7 | 80.8 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| 1600 | 80.1 | 80.4 | 80.7 | 81.0 | 81.3 | 81.4 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| 1400 | 81.7 | 82.0 | 82.3 | 82.6 | 82.9 | 83.0 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 1200 | 83.1 | 83.4 | 83.7 | 84.0 | 84.3 | 84.4 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| 1000 | 86.1 | 86.4 | 86.7 | 87.0 | 87.3 | 87.4 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 900 | 87.1 | 87.4 | 87.7 | 88.0 | 88.3 | 88.4 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| 800 | 88.1 | 88.4 | 88.7 | 89.0 | 89.3 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 700 | 89.1 | 89.4 | 89.7 | 90.0 | 90.3 | 90.4 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| 600 | 90.1 | 90.4 | 90.7 | 91.0 | 91.3 | 91.4 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 500 | 91.1 | 91.4 | 91.7 | 92.0 | 92.3 | 92.4 | 92.5 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 400 | 92.1 | 92.4 | 92.7 | 93.0 | 93.3 | 93.4 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| 300 | 93.1 | 93.4 | 93.7 | 94.0 | 94.3 | 94.4 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| 200 | 94.1 | 94.4 | 94.7 | 95.0 | 95.3 | 95.4 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 100 | 95.1 | 95.4 | 95.7 | 96.0 | 96.3 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 0 | 96.1 | 96.4 | 96.7 | 97.0 | 97.3 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |

TOTAL NUMBER OF OBSERVATIONS ____

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] AYERS AFB TX [illegible] 74-87 [illegible]
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]

VISIBILITY STATUTE MILES

| CEILING FEET | ≥10 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2½ | 2 | 1½ | 1 | ¾ | ½ | ¼ | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | 67.2 | 69.5 | 71.6 | 72.0 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| [illegible] | 72.4 | 75.3 | 76.1 | 76.4 | 76.7 | 76.7 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| [illegible] | 73.1 | 75.9 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| [illegible] | 73.1 | 76.0 | 76.8 | 77.1 | 77.2 | 77.3 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| [illegible] | 73.5 | 76.2 | 77.0 | 77.3 | 77.6 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| [illegible] | 74.7 | 77.6 | 78.3 | 78.7 | 78.9 | 78.9 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| [illegible] | 75.0 | 78.9 | 79.7 | 80.1 | 80.2 | 80.3 | 80.4 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| [illegible] | 76.1 | 79.2 | 79.8 | 80.2 | 80.4 | 80.4 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| [illegible] | 77.5 | 80.6 | 81.2 | 81.8 | 82.0 | 82.0 | 82.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| [illegible] | 78.4 | 81.9 | 82.7 | 83.1 | 83.3 | 83.3 | 83.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| [illegible] | 78.7 | 82.1 | 82.9 | 83.3 | 83.6 | 83.6 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| [illegible] | 80.3 | 84.2 | 85.0 | 85.4 | 85.7 | 85.7 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| [illegible] | 81.2 | 84.6 | 85.6 | 86.0 | 86.2 | 86.2 | 86.3 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| [illegible] | 82.1 | 86.1 | 86.9 | 87.7 | 87.9 | 87.9 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| [illegible] | 82.9 | 87.0 | 87.9 | 88.7 | 89.0 | 89.0 | 89.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| [illegible] | 84.3 | 88.6 | 89.4 | 90.4 | 90.7 | 90.7 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| [illegible] | 85.4 | 89.1 | 91.1 | 92.1 | 92.3 | 92.3 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| [illegible] | 86.1 | 90.9 | 91.9 | 92.9 | 93.1 | 93.1 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| [illegible] | 86.2 | 91.1 | 92.1 | 93.1 | 93.3 | 93.3 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| [illegible] | 87.6 | 92.7 | 93.7 | 94.7 | 94.9 | 94.9 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| [illegible] | 88.0 | 93.3 | 94.7 | 95.3 | 95.6 | 95.6 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| [illegible] | 88.6 | 94.3 | 95.4 | 96.8 | 97.0 | 97.0 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| [illegible] | 88.7 | 94.7 | 95.9 | 97.3 | 97.6 | 97.6 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| [illegible] | 88.3 | 95.2 | 96.4 | 97.9 | 98.1 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| [illegible] | 88.8 | 95.2 | 96.7 | 98.1 | 98.3 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| [illegible] | 89.1 | 95.7 | 97.1 | 98.6 | 98.8 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| [illegible] | 89.1 | 95.8 | 97.2 | 98.7 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| [illegible] | 89.1 | 95.9 | 97.2 | 98.8 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| [illegible] | 89.1 | 95.8 | 97.3 | 98.8 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| [illegible] | 89.1 | 95.8 | 97.3 | 98.8 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| [illegible] | 89.1 | 95.8 | 97.3 | 98.8 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| [illegible] | 89.1 | 95.8 | 97.3 | 98.8 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS [illegible] 922

USAF ETAC [illegible] 0-14-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# CEILING VERSUS VISIBILITY

...6 LYONS AFB TX — 74-87 — ...

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...-2400

VISIBILITY STATUTE MILES

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 |
| | 4.7 | 67.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| | 69.1 | 73.8 | 73.8 | 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 |
| | 70.1 | 73.9 | 73.7 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| | 69.1 | 73.8 | 73.7 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| | 69.6 | 73.8 | 74.0 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 70.2 | 74.1 | 74.8 | 75.2 | 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 |
| | 70.7 | 74.7 | 75.6 | 76.0 | 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 |
| | 70.3 | 74.8 | 75.7 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| | 72.4 | 76.4 | 77.4 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| | 73.1 | 77.1 | 78.1 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| | 73.6 | 77.6 | 78.6 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| | 75.2 | 79.2 | 80.2 | 81.4 | 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 |
| | 76.1 | 80.3 | 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 |
| | 78.7 | 82.2 | 84.2 | 84.6 | 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 |
| | 74.5 | 84.1 | 85.1 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| | 83.8 | 86.3 | 86.3 | 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 |
| | 82.6 | 87.2 | 88.7 | 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 |
| | 83.7 | 88.3 | 89.7 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| | 83.9 | 88.6 | 89.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| | 85.1 | 90.2 | 91.2 | 92.6 | 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 |
| | 85.9 | 91.1 | 92.4 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| | 86.3 | 92.2 | 93.7 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| | 86.7 | 92.9 | 94.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| | 86.9 | 93.6 | 95.1 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| | 87.1 | 94.0 | 95.4 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| | 87.4 | 94.6 | 96.1 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| | 87.7 | 95.0 | 96.4 | 97.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| | 87.7 | 95.1 | 96.9 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| | 87.7 | 95.1 | 96.9 | 98.4 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| | 87.7 | 95.3 | 96.9 | 98.4 | 98.8 | 98.8 | 98.9 | 99.2 | 99.2 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | 87.7 | 96.0 | 96.8 | 98.4 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| | 87.7 | 96.0 | 96.9 | 98.4 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] STATION NAME | 74-67 YEAR | [illegible]

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS

[illegible]

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | 26 | 25 | 24 | 23 | 22 | 27 | 2 | 2[illegible] | 21 | 24 | 1[illegible] | 1 | 2[illegible] | 1[illegible] | [illegible] |
| [illegible] | 52.[illegible] | 56.3 | 57.[illegible] | 57.1 | 57.2 | 57.2 | 57.4 | 57.6 | 57.[illegible] | 57.6 | 57.6 | 57.[illegible] | 57.6 | 57.6 | 57.[illegible] | 57.6 |
| [illegible] | 58.9 | 63.1 | 63.2 | 64.2 | 64.2 | 64.2 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| [illegible] | 59.1 | 63.3 | 64.1 | 64.4 | 64.6 | 64.6 | 64.8 | 64.9 | 64.[illegible] | 64.9 | 64.9 | 64.[illegible] | 64.9 | 64.[illegible] | 64.[illegible] | 64.[illegible] |
| [illegible] | 59.1 | 63.3 | 64.1 | 64.4 | 64.6 | 64.6 | 64.8 | 64.9 | 64.[illegible] | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| [illegible] | 59.7 | 64.[illegible] | 64.9 | 65.2 | 65.[illegible] | 65.3 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| [illegible] | 61.2 | 65.9 | 66.7 | 67.1 | 67.2 | 67.2 | 67.4 | 67.6 | 67.[illegible] | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| [illegible] | 63.1 | 67.9 | 68.7 | 69.3 | 69.4 | 69.4 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| [illegible] | 63.3 | 68.1 | 68.9 | 69.6 | 69.7 | 69.7 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| [illegible] | 65.5 | 70.1 | 70.9 | 71.6 | 71.7 | 71.7 | 71.9 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| [illegible] | 66.9 | 71.3 | 72.1 | 72.8 | 72.9 | 72.9 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| [illegible] | 67.4 | 72.2 | 73.[illegible] | 73.7 | 73.8 | 73.8 | 74.0 | 74.2 | 74.[illegible] | 74.[illegible] | 74.2 | 74.2 | 74.2 | 74.[illegible] | 74.2 | 74.2 |
| [illegible] | 69.4 | 74.3 | 75.1 | 76.[illegible] | 76.1 | 76.1 | 76.3 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| [illegible] | 70.4 | 75.4 | 76.[illegible] | 77.1 | 77.[illegible] | 77.2 | 77.4 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| [illegible] | 72.7 | 7[illegible].0 | 7[illegible].8 | 79.9 | 80.0 | [illegible]0.0 | [illegible]0.2 | [illegible]0.4 | [illegible]0.4 | [illegible]0.4 | [illegible]0.4 | [illegible].4 | [illegible]0.4 | [illegible]0.4 | [illegible]0.4 | 3[illegible].4 |
| [illegible] | 74.1 | 79.4 | 8[illegible].3 | 81.8 | [illegible]1.9 | [illegible]1.9 | [illegible]2.1 | [illegible]2.3 | [illegible]2.[illegible] | [illegible]2.[illegible] | [illegible]2.3 | [illegible]2.3 | [illegible]2.3 | [illegible]2.3 | [illegible]2.3 | [illegible]2.3 |
| [illegible] | 75.[illegible] | 8[illegible].7 | 81.6 | [illegible]3.[illegible] | [illegible]3.[illegible] | [illegible]3.2 | [illegible]3.4 | [illegible]3.7 | [illegible]3.7 | [illegible]3.7 | [illegible]3.7 | [illegible]3.7 | [illegible]3.7 | [illegible]3.7 | [illegible]3.7 | [illegible]3.7 |
| [illegible] | 76.6 | [illegible]0.1 | [illegible]1.[illegible] | [illegible]4.6 | [illegible]4.[illegible] | [illegible]4.9 | [illegible]5.1 | [illegible]5.3 | [illegible]5.3 | [illegible]5.3 | [illegible]5.3 | [illegible]5.3 | [illegible]5.3 | [illegible]5.[illegible] | [illegible]5.[illegible] | [illegible]5.[illegible] |
| [illegible] | [illegible].1 | [illegible]4.[illegible] | [illegible]5.1 | [illegible]6.7 | [illegible]7.1 | [illegible]7.2 | [illegible]7.4 | [illegible]7.7 | [illegible]7.7 | [illegible]7.7 | [illegible]7.7 | [illegible]7.7 | [illegible]7.7 | [illegible]7.7 | [illegible]7.7 | [illegible]7.7 |
| [illegible] | [illegible].7 | [illegible]4.6 | [illegible]5.4 | [illegible]6.0 | [illegible]6.4 | [illegible]6.4 | [illegible]6.8 | [illegible]6.8 | [illegible]6.[illegible] | [illegible]6.[illegible] | [illegible]6.8 | [illegible]6.8 | [illegible]6.8 | [illegible]6.8 | [illegible]6.8 | [illegible]6.8 |
| [illegible] | [illegible].3 | [illegible]5.[illegible] | [illegible]6.[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] | [illegible].7 | [illegible]6.[illegible] | [illegible]7.[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] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] | [illegible]8.[illegible] |
| [illegible] | [illegible].[illegible] | [illegible]7.[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] |
| [illegible] | [illegible].[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] |
| [illegible] | [illegible].[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] |
| [illegible] | [illegible].[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] |
| [illegible] | [illegible].[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] |
| [illegible] | [illegible].[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] |
| [illegible] | [illegible].[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] |
| [illegible] | [illegible].[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] |
| [illegible] | [illegible].[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] |
| [illegible] | [illegible].[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] |
| [illegible] | [illegible].[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] |
| [illegible] | [illegible].[illegible] | [illegible]8.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] | [illegible]9.[illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[redacted] YEES AFB IX 74-87 [redacted]
STATION NAME YEAR

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[redacted]

VISIBILITY STATUTE MILES

| CEILING FEET | ≥10 | 6 | 5 | 4 | 3 | 2 | 1½ | 1 | ¾ | ½ | ¼ | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12,000 | 55.1 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 10,000 | 62.1 | 65.3 | 65.3 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| 8,000 | 62.1 | 65.4 | 66.2 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| 6,000 | 62.4 | 65.5 | 66.3 | 66.4 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| 4,500 | 62.1 | 66.3 | 66.9 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| 3,500 | 64.4 | 67.9 | 68.5 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| 2,500 | 67.1 | 71.9 | 71.6 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| 2,000 | 67.4 | 71.2 | 71.9 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| 1,500 | 69.1 | 72.8 | 73.4 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| 1,000 | 69.1 | 73.1 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 800 | 69.1 | 73.8 | 74.4 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| 600 | 72.4 | 76.8 | 77.4 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 400 | 73.2 | 77.6 | 78.2 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| 300 | 76.1 | 80.4 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 200 | 76.8 | 81.2 | 81.9 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| 150 | 77.4 | 81.9 | 82.6 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| 100 | 78.5 | 83.2 | 83.9 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| 50 | 81.3 | 86.4 | 87.2 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 0 | 81.9 | 87.0 | 87.8 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| | 83.3 | 89.4 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| | 85.2 | 92.1 | 92.9 | 93.0 | 93.1 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| | 86.1 | 93.1 | 94.1 | 94.2 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| | 86.9 | 94.1 | 95.1 | 95.4 | 95.7 | 95.7 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| | 86.9 | 94.3 | 95.3 | 95.6 | 96.1 | 96.1 | 96.4 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 |
| | 87.1 | 94.6 | 95.8 | 96.3 | 96.9 | 96.8 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| | 87.1 | 94.8 | 95.9 | 96.6 | 97.0 | 97.0 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| | 87.1 | 95.0 | 96.1 | 97.0 | 97.4 | 97.6 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| | 87.1 | 95.1 | 96.2 | 97.2 | 97.7 | 97.9 | 98.6 | 99.1 | 99.2 | 99.2 | 99.2 | 99.1 |
| | 87.1 | 95.0 | 96.3 | 97.4 | 97.9 | 98.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| | 87.1 | 95.1 | 96.3 | 97.4 | 97.9 | 98.1 | 99.3 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| | 87.1 | 95.1 | 96.3 | 97.4 | 97.9 | 98.1 | 99.3 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| | 87.1 | 95.1 | 96.3 | 97.4 | 97.9 | 98.1 | 99.3 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS [redacted]

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7,266F — WYESS AFB TX — 74-82 — APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-14.00

| CEILING (FEET) | VISIBILITY (STATUTE MILES) ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEILING | 59.2 | 61.1 | 61.4 | 61.6 | 61.8 | 61.8 | 62.1 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.4 | 62.4 |
| ≥ 20000 | 66.1 | 70.7 | 71.2 | 71.3 | 71.6 | 71.6 | 71.9 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 |
| ≥ 18000 | 66.3 | 70.9 | 71.4 | 71.6 | 71.8 | 71.8 | 72.1 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 |
| ≥ 16000 | 66.3 | 70.9 | 71.5 | 71.7 | 71.9 | 71.9 | 72.2 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.6 | 72.6 |
| ≥ 14000 | 66.7 | 71.3 | 72.0 | 72.1 | 72.3 | 72.3 | 72.7 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 73.0 | 73.0 |
| ≥ 12000 | 70.3 | 72.7 | 73.3 | 73.4 | 73.7 | 73.7 | 74.0 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 |
| ≥ 10000 | 72.8 | 75.6 | 76.2 | 76.3 | 76.6 | 76.6 | 76.9 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 |
| ≥ 9000 | 73.2 | 76.1 | 76.8 | 76.9 | 77.1 | 77.1 | 77.4 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 |
| ≥ 8000 | 73.9 | 76.7 | 77.3 | 77.4 | 77.7 | 77.7 | 78.0 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 |
| ≥ 7000 | 74.2 | 77.1 | 77.8 | 77.9 | 78.1 | 78.1 | 78.4 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 |
| ≥ 6000 | 74.9 | 77.8 | 78.4 | 78.6 | 78.9 | 78.8 | 79.1 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.4 | 79.4 |
| ≥ 5000 | 76.9 | 79.8 | 80.4 | 80.6 | 80.8 | 80.8 | 81.1 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 |
| ≥ 4500 | 77.3 | 80.2 | 80.9 | 81.0 | 81.2 | 81.2 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 |
| ≥ 4000 | 80.3 | 83.2 | 83.9 | 84.0 | 84.2 | 84.2 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 |
| ≥ 3500 | 82.1 | 85.3 | 86.0 | 86.1 | 86.3 | 86.3 | 86.7 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 |
| ≥ 3000 | 84.9 | 88.3 | 89.0 | 89.1 | 89.3 | 89.3 | 89.7 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 |
| ≥ 2500 | 86.6 | 90.1 | 90.8 | 90.9 | 91.1 | 91.1 | 91.4 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 |
| ≥ 2200 | 88.3 | 92.2 | 92.9 | 93.0 | 93.2 | 93.2 | 93.6 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 |
| ≥ 2000 | 88.9 | 92.9 | 93.6 | 93.7 | 93.9 | 93.9 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 |
| ≥ 1800 | 89.6 | 94.1 | 94.8 | 95.0 | 95.2 | 95.2 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 |
| ≥ 1600 | 89.8 | 94.6 | 95.3 | 95.6 | 95.8 | 95.8 | 96.1 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 |
| ≥ 1400 | 90.3 | 95.3 | 96.1 | 96.3 | 96.6 | 96.6 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 1200 | 90.4 | 95.7 | 96.4 | 96.7 | 96.9 | 96.9 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 |
| ≥ 1000 | 90.4 | 95.9 | 96.7 | 96.9 | 97.1 | 97.1 | 97.4 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 |
| ≥ 900 | 90.6 | 96.0 | 96.9 | 97.0 | 97.2 | 97.2 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 |
| ≥ 800 | 90.7 | 96.4 | 97.2 | 97.8 | 98.0 | 98.0 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 700 | 90.8 | 96.7 | 97.4 | 98.0 | 98.4 | 98.4 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 600 | 90.8 | 96.7 | 97.4 | 98.0 | 98.4 | 98.4 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 500 | 90.8 | 96.7 | 97.4 | 98.0 | 98.4 | 98.4 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 400 | 90.8 | 96.7 | 97.4 | 98.0 | 98.4 | 98.4 | 99.3 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 300 | 90.9 | 96.7 | 97.4 | 98.0 | 98.4 | 98.4 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 90.9 | 96.7 | 97.4 | 98.0 | 98.4 | 98.4 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| 0 | 90.9 | 96.7 | 97.4 | 98.0 | 98.4 | 98.4 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

72266 WYE'S AIRPORT STATION NAME 74-87 YEARS AUG

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1700

VISIBILITY STATUTE MILES

| CEILING FEET | ≥10 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3½ | 3 | 2½ | 2 | 1½ | 1 | ½ | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLR | 61.4 | 62.8 | 63.1 | 63.2 | 63.3 | 63.4 | 63.7 | 63.9 | 63.9 | 64.0 | 64.3 | 64.7 | 64.3 | 64.7 | 64.3 | 64.2 |
| ≥ 22000 | 70.4 | 74.2 | 74.8 | 75.0 | 75.1 | 75.2 | 75.4 | 75.7 | 75.7 | 75.8 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 18000 | 71.1 | 74.8 | 75.3 | 75.6 | 75.7 | 75.8 | 76.0 | 76.2 | 76.2 | 76.3 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 14000 | 71.2 | 75.1 | 75.6 | 76.0 | 76.1 | 76.2 | 76.4 | 76.7 | 76.7 | 76.8 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 12000 | 72.3 | 76.2 | 76.8 | 77.2 | 77.3 | 77.4 | 77.7 | 77.9 | 77.9 | 78.0 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 10000 | 73.1 | 77.2 | 77.6 | 78.0 | 78.1 | 78.2 | 78.4 | 78.7 | 78.7 | 78.8 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 9000 | 75.1 | 79.1 | 79.7 | 80.1 | 80.2 | 80.3 | 80.6 | 80.8 | 80.8 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 8000 | 75.2 | 79.2 | 79.8 | 80.2 | 80.3 | 80.4 | 80.7 | 80.9 | 80.9 | 81.0 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 7000 | 76.6 | 80.9 | 81.4 | 81.9 | 82.0 | 82.1 | 82.3 | 82.6 | 82.6 | 82.7 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 6000 | 77.3 | 81.4 | 82.0 | 82.4 | 82.6 | 82.7 | 82.9 | 83.1 | 83.1 | 83.2 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 5000 | 77.8 | 81.9 | 82.6 | 83.0 | 83.1 | 83.2 | 83.4 | 83.7 | 83.7 | 83.8 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 4500 | 79.3 | 83.4 | 84.1 | 84.6 | 84.7 | 84.8 | 85.0 | 85.2 | 85.2 | 85.3 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 4000 | 79.9 | 84.0 | 84.6 | 85.1 | 85.2 | 85.3 | 85.6 | 85.8 | 85.9 | 85.9 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 3500 | 81.9 | 86.1 | 86.7 | 87.2 | 87.3 | 87.4 | 87.7 | 87.9 | 87.9 | 88.0 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 3000 | 83.9 | 88.3 | 88.9 | 89.4 | 89.6 | 89.7 | 89.9 | 90.1 | 90.1 | 90.2 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 2500 | 87.1 | 91.7 | 92.2 | 92.8 | 92.9 | 93.0 | 93.2 | 93.4 | 93.4 | 93.6 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2000 | 87.3 | 92.7 | 93.2 | 93.8 | 93.9 | 94.0 | 94.2 | 94.4 | 94.4 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1800 | 88.9 | 93.9 | 94.4 | 95.0 | 95.1 | 95.2 | 95.4 | 95.7 | 95.7 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1600 | 88.9 | 93.9 | 94.4 | 95.0 | 95.1 | 95.2 | 95.4 | 95.7 | 95.7 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1400 | 89.4 | 94.4 | 95.1 | 95.6 | 95.7 | 95.8 | 96.0 | 96.2 | 96.2 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1200 | 89.7 | 95.1 | 95.6 | 96.1 | 96.3 | 96.4 | 96.7 | 96.9 | 96.9 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1000 | 90.2 | 95.9 | 96.4 | 97.0 | 97.2 | 97.3 | 97.6 | 97.8 | 97.8 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 90.3 | 95.9 | 96.6 | 97.1 | 97.3 | 97.4 | 97.7 | 97.9 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 90.2 | 96.1 | 96.7 | 97.2 | 97.4 | 97.6 | 97.8 | 98.0 | 98.0 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 700 | 90.3 | 96.1 | 96.9 | 97.5 | 97.6 | 97.8 | 98.0 | 98.2 | 98.2 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 90.3 | 96.2 | 97.1 | 97.7 | 97.9 | 98.1 | 98.4 | 98.7 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 90.3 | 96.4 | 97.3 | 98.2 | 98.4 | 98.6 | 98.9 | 99.2 | 99.2 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 90.3 | 96.4 | 97.3 | 98.2 | 98.4 | 98.7 | 99.1 | 99.3 | 99.3 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 90.3 | 96.4 | 97.3 | 98.2 | 98.6 | 98.8 | 99.2 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 90.3 | 96.4 | 97.3 | 98.2 | 98.6 | 98.8 | 99.2 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 90.3 | 96.4 | 97.3 | 98.2 | 98.6 | 98.8 | 99.2 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 90.3 | 96.4 | 97.3 | 98.2 | 98.6 | 98.8 | 99.2 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7224 65 STATION | YEES AFB TX STATION NAME | 74-67 YEAR | APR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

15 APR 82

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 | | | |
| ≥ 25000 | 63.1 | 61.7 | 62.4 | 63.0 | 63.4 | 63.4 | 63.6 | 63.6 | 63.7 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| | 72.3 | 74.8 | 75.6 | 76.1 | 76.6 | 76.6 | 76.9 | 77.0 | 77.0 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 18000 | 73.0 | 75.4 | 76.2 | 76.8 | 77.2 | 77.2 | 77.6 | 77.7 | 77.7 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 16000 | 73.7 | 76.1 | 76.9 | 77.4 | 77.9 | 77.9 | 78.2 | 78.3 | 78.3 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 14000 | 74.5 | 76.8 | 77.6 | 78.1 | 78.6 | 78.6 | 79.0 | 79.0 | 79.0 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 12000 | 76.1 | 78.7 | 79.6 | 80.1 | 80.6 | 80.6 | 80.9 | 81.0 | 81.0 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 10000 | 77.2 | 79.8 | 80.7 | 81.3 | 81.8 | 81.8 | 82.1 | 82.2 | 82.2 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 9000 | 77.5 | 79.9 | 80.9 | 81.4 | 81.9 | 81.9 | 82.2 | 82.3 | 82.3 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 8000 | 78.7 | 81.4 | 82.3 | 83.0 | 83.7 | 83.7 | 84.1 | 84.2 | 84.2 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 7000 | 79.1 | 81.9 | 82.8 | 83.6 | 84.2 | 84.2 | 84.7 | 84.8 | 84.8 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 6000 | 79.7 | 82.6 | 83.4 | 84.2 | 84.8 | 84.9 | 85.3 | 85.6 | 85.6 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 5000 | 81.7 | 84.6 | 85.4 | 86.2 | 86.8 | 86.9 | 87.3 | 87.6 | 87.6 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 4500 | 82.4 | 85.3 | 86.4 | 87.2 | 87.8 | 87.9 | 88.3 | 88.6 | 88.6 | 89. | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 4000 | 84.1 | 86.9 | 87.8 | 88.8 | 89.4 | 89.6 | 90.0 | 90.2 | 90.2 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 3500 | 85.2 | 88.2 | 89.4 | 90.3 | 91.1 | 91.1 | 91.6 | 91.8 | 91.8 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 3000 | 87.1 | 90.3 | 91.6 | 92.4 | 93.3 | 93.3 | 93.8 | 94.0 | 94.0 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 2500 | 87.7 | 91.0 | 92.2 | 93.1 | 94.0 | 94.0 | 94.4 | 94.7 | 94.7 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 2000 | 87.8 | 91.4 | 92.7 | 93.6 | 94.6 | 94.6 | 95.0 | 95.2 | 95.3 | 95.6 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1800 | 87.8 | 91.4 | 92.7 | 93.6 | 94.6 | 94.6 | 95.0 | 95.2 | 95.3 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1600 | 88.6 | 92.2 | 93.4 | 94.3 | 95.3 | 95.3 | 95.9 | 96.1 | 96.2 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1400 | 89.1 | 93.0 | 94.3 | 95.2 | 96.2 | 96.2 | 96.9 | 97.3 | 97.4 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1200 | 89.3 | 93.2 | 94.7 | 95.6 | 96.6 | 96.6 | 97.2 | 97.7 | 97.8 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1000 | 89.4 | 93.4 | 94.9 | 95.8 | 96.8 | 96.8 | 97.6 | 98. | 98.1 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | 89.4 | 93.4 | 94.9 | 96.1 | 97.1 | 97.1 | 97.9 | 98.3 | 98.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99. |
| ≥ 800 | 89.4 | 93.6 | 95.0 | 96.2 | 97.2 | 97.2 | 98.0 | 98.4 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 | 89.4 | 93.6 | 95.1 | 96.2 | 97.2 | 97.2 | 98.0 | 98.4 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 89.4 | 93.6 | 95.1 | 96.7 | 97.7 | 97.7 | 98.4 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 89.4 | 93.6 | 95.1 | 96.7 | 97.7 | 97.7 | 98.4 | 98.9 | 99. | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 89.4 | 93.6 | 95.1 | 96.7 | 97.7 | 97.7 | 98.4 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 89.4 | 93.6 | 95.1 | 96.7 | 97.7 | 97.7 | 98.4 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 89.4 | 93.6 | 95.1 | 96.7 | 97.7 | 97.7 | 98.4 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 |
| 0 | 89.4 | 93.6 | 95.1 | 96.7 | 97.7 | 97.7 | 98.4 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7326[illegible] WYESS AFB TX 74-67 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1-3-2322

| CEILING (HUNDREDS OF FEET) | VISIBILITY (STATUTE MILES) ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1¾ | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | < ¼ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 22000 | 69.1 | 71.3 | 71.1 | 71.7 | 71.8 | 71.8 | 72.2 | 72.2 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 20000 | 75.7 | 77.1 | 77.9 | 78.6 | 78.8 | 78.8 | 79.2 | 79.2 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 18000 | 76.1 | 77.6 | 78.3 | 79.0 | 79.2 | 79.2 | 79.7 | 79.7 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 16000 | 76.3 | 77.8 | 78.6 | 79.2 | 79.4 | 79.4 | 79.9 | 79.9 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 14000 | 76.4 | 77.9 | 78.7 | 79.3 | 79.6 | 79.6 | 80.0 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 12000 | 78.1 | 79.6 | 80.3 | 81.0 | 81.2 | 81.2 | 81.7 | 81.7 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 10000 | 78.9 | 80.7 | 81.4 | 82.1 | 82.3 | 82.3 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 9000 | 79.1 | 80.8 | 81.6 | 82.2 | 82.4 | 82.4 | 82.9 | 82.9 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 8000 | 81.1 | 82.8 | 83.6 | 84.2 | 84.4 | 84.4 | 84.9 | 84.9 | 85.0 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 7000 | 81.7 | 83.4 | 84.2 | 84.9 | 85.1 | 85.1 | 85.6 | 85.6 | 85.7 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 6000 | 82.2 | 84.0 | 84.9 | 85.4 | 85.7 | 85.7 | 86.1 | 86.1 | 86.2 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 5000 | 83.7 | 85.6 | 86.3 | 87.0 | 87.2 | 87.2 | 87.7 | 87.7 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 4500 | 84.3 | 86.3 | 87.1 | 87.8 | 88.0 | 88.0 | 88.4 | 88.4 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 4000 | 86.1 | 88.6 | 89.4 | 90.2 | 90.6 | 90.6 | 91.0 | 91.1 | 91.2 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 3500 | 87.4 | 89.9 | 90.9 | 91.6 | 91.9 | 91.9 | 92.3 | 92.4 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 3000 | 88.4 | 91.1 | 92.1 | 92.8 | 93.2 | 93.2 | 93.7 | 93.8 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 2500 | 89.7 | 92.2 | 93.2 | 94.0 | 94.3 | 94.3 | 94.8 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 2000 | 92.1 | 92.8 | 93.9 | 94.8 | 95.1 | 95.1 | 95.6 | 95.7 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1800 | 90.3 | 92.9 | 94.3 | 94.9 | 95.2 | 95.2 | 95.7 | 95.8 | 95.9 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1600 | 93.1 | 93.7 | 94.4 | 95.3 | 95.7 | 95.7 | 96.1 | 96.2 | 96.3 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1400 | 93.7 | 93.9 | 95.2 | 96.2 | 96.6 | 96.6 | 97.0 | 97.1 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1200 | 94.3 | 94.6 | 96.2 | 97.2 | 97.6 | 97.6 | 98.2 | 98.1 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1000 | 94.9 | 94.6 | 96.3 | 97.4 | 97.8 | 97.8 | 98.2 | 98.3 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | 95.0 | 94.7 | 96.4 | 98.0 | 98.4 | 98.4 | 98.9 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 95.1 | 94.7 | 96.4 | 98.0 | 98.4 | 98.4 | 98.9 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 95.1 | 94.7 | 96.4 | 98.1 | 98.4 | 98.4 | 98.9 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 95.1 | 94.7 | 96.7 | 98.2 | 98.7 | 98.7 | 99.1 | 99.2 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 95.1 | 94.7 | 96.7 | 98.2 | 98.7 | 98.8 | 99.3 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 95.1 | 94.7 | 96.7 | 98.2 | 98.7 | 98.8 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 95.1 | 94.7 | 96.7 | 98.2 | 98.7 | 98.8 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 95.1 | 94.7 | 96.7 | 98.2 | 98.7 | 98.8 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 95.1 | 94.7 | 96.7 | 98.2 | 98.7 | 98.8 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 920

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

7326 8F (STATION) LYNDS AFB TX (STATION NAME) 74-83 (YEARS) AP (MONTH)

A-1

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 | | | |
| NO CEILING | 61.1 | 63.3 | 63.9 | 64.2 | 64.4 | 64.4 | 64.6 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.6 | 64.8 | 64.8 |
| ≥ 20000 | 68.6 | 71.7 | 72.4 | 72.7 | 72.9 | 72.9 | 73.1 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 |
| ≥ 18000 | 69.1 | 72.1 | 72.7 | 73.1 | 73.3 | 73.3 | 73.5 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 16000 | 69.2 | 72.2 | 72.9 | 73.3 | 73.5 | 73.5 | 73.7 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 |
| ≥ 14000 | 69.7 | 73.0 | 73.5 | 73.8 | 74.0 | 74.0 | 74.3 | 74.3 | 74.3 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 12000 | 71.1 | 74.2 | 74.9 | 75.3 | 75.5 | 75.5 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 10000 | 72.8 | 75.9 | 76.7 | 77.1 | 77.3 | 77.3 | 77.5 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 9000 | 72.8 | 76.1 | 76.9 | 77.3 | 77.5 | 77.5 | 77.8 | 77.9 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 8000 | 74.3 | 77.7 | 78.5 | 78.9 | 79.2 | 79.2 | 79.4 | 79.5 | 79.5 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 7000 | 75.1 | 78.4 | 79.2 | 79.7 | 79.9 | 79.9 | 80.1 | 80.2 | 80.2 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 6000 | 75.5 | 79.0 | 79.8 | 80.2 | 80.5 | 80.5 | 80.7 | 80.8 | 80.8 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 5000 | 77.5 | 81.1 | 81.9 | 82.3 | 82.6 | 82.6 | 82.8 | 82.9 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 4500 | 78.2 | 81.8 | 82.5 | 83.1 | 83.3 | 83.3 | 83.5 | 83.6 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 4000 | 80.2 | 84.1 | 84.9 | 85.5 | 85.7 | 85.7 | 86.0 | 86.1 | 86.1 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 3500 | 81.5 | 85.4 | 86.3 | 87.0 | 87.2 | 87.2 | 87.4 | 87.6 | 87.6 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 3000 | 83.2 | 87.2 | 88.1 | 88.8 | 89.1 | 89.1 | 89.3 | 89.5 | 89.5 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 2500 | 84.3 | 88.6 | 89.5 | 90.2 | 90.5 | 90.5 | 90.8 | 90.9 | 90.9 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 2000 | 85.5 | 90.0 | 90.9 | 91.7 | 92.0 | 92.1 | 92.3 | 92.4 | 92.4 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1800 | 85.8 | 90.3 | 91.2 | 92.0 | 92.3 | 92.3 | 92.5 | 92.7 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1600 | 86.7 | 91.6 | 92.5 | 93.3 | 93.6 | 93.7 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1400 | 87.4 | 92.7 | 93.8 | 94.6 | 95.0 | 95.0 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1200 | 88.1 | 93.6 | 94.7 | 95.6 | 96.0 | 96.0 | 96.3 | 96.5 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1000 | 88.2 | 94.0 | 95.2 | 96.2 | 96.5 | 96.6 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 900 | 88.3 | 94.3 | 95.5 | 96.6 | 97.0 | 97.0 | 97.3 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 |
| ≥ 800 | 88.3 | 94.4 | 95.7 | 96.8 | 97.2 | 97.3 | 97.6 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 700 | 88.4 | 94.7 | 96.0 | 97.2 | 97.6 | 97.6 | 98.0 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 |
| ≥ 600 | 88.5 | 94.9 | 96.3 | 97.6 | 98.1 | 98.2 | 98.6 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 88.5 | 94.9 | 96.3 | 97.7 | 98.2 | 98.3 | 98.8 | 99.0 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 88.5 | 94.9 | 96.3 | 97.7 | 98.3 | 98.3 | 98.9 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 300 | 88.5 | 94.9 | 96.3 | 97.7 | 98.3 | 98.3 | 99.0 | 99.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 200 | 88.5 | 94.9 | 96.3 | 97.7 | 98.3 | 98.3 | 99.0 | 99.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 100 | 88.5 | 94.9 | 96.3 | 97.7 | 98.3 | 98.3 | 99.0 | 99.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7206

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

# CEILING VERSUS VISIBILITY

...YEARS AFCTY — STATION NAME — ...74-8... — STATE — ...-...-...

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

...ABILITY (STATUTE MILES)

| CEILING (HUNDREDS OF FEET) | 20 | 25 | 24 | 2 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | 71.3 | 73.1 | 73.5 | 73.5 | 77.6 | 73.9 | 77.5 | 73.5 | 73.6 | 73.6 | 77.6 | 73.6 | 77.6 | 73. | 73.6 | 73.6 |
| ... | 77.7 | 79.5 | 8...1 | ...1 | ...1 | ...1 | ...1 | ...1 | ...1 | ...1 | ...1 | ...1 | ...1 | ...1 | ...1 | ...1 |
| ... | 77.7 | 79.5 | 80.1 | 80.1 | 81.1 | ...1 | ...1 | 80.1 | 80.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ... | 77.7 | 79.5 | 80.1 | 80.1 | 81.1 | 80.1 | 80.1 | 80.1 | 80.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ... | 77.8 | 7...5 | 8...2 | 80.2 | 81.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 81.2 | 81.2 | 81.2 | ...2 | ...2 | ...2 |
| ... | 79.2 | 81.1 | 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 |
| ... | 80.9 | 82.8 | 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 |
| ... | 81.1 | 83.0 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ... | ...1 | 84.0 | 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 | ...6 |
| ... | 82.2 | 84.1 | 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 |
| ... | 82.3 | 84.7 | 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 |
| ... | 84.3 | 86.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ... | 85.2 | 87.8 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ... | 86.2 | 90.2 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ... | 87.6 | 91.1 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ... | 88.4 | 92.2 | 92.1 | 92.1 | 92.2 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ... | 89.1 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ... | 89.7 | 93.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ... | 89.9 | 93.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ... | 91.1 | 95.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ... | 91.4 | 95.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ... | 92.4 | 96.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ... | 92.1 | 97.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ... | 93.1 | 97.6 | 98.7 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ... | 93.2 | 97.7 | 98.8 | 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 |
| ... | 93.4 | 98.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ... | 93.3 | 98.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ... | 93.3 | 98.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ... | 93.3 | 98.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ... | 93.3 | 98.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ... | 93.3 | 98.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS ...

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

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

# CEILING VERSUS VISIBILITY

...AFB TX ... 74-87

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

...

TOTAL NUMBER OF OBSERVATIONS ...

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

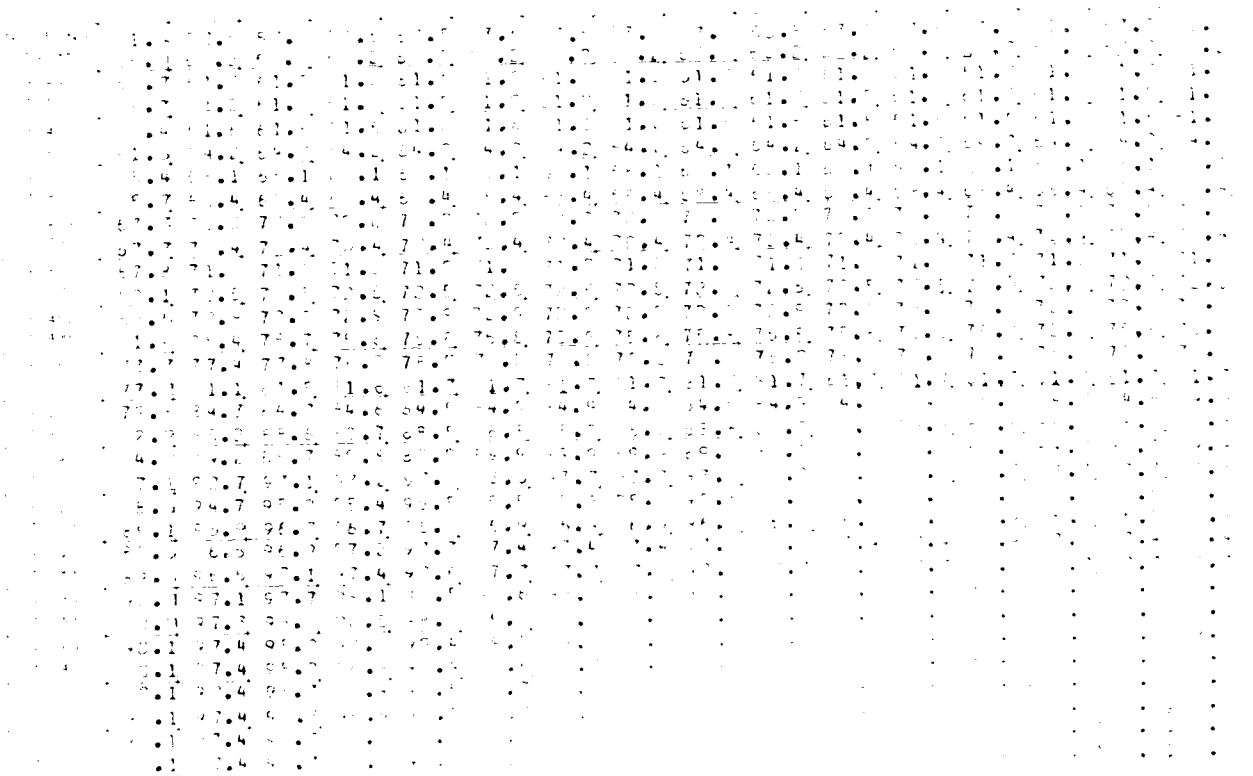
# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

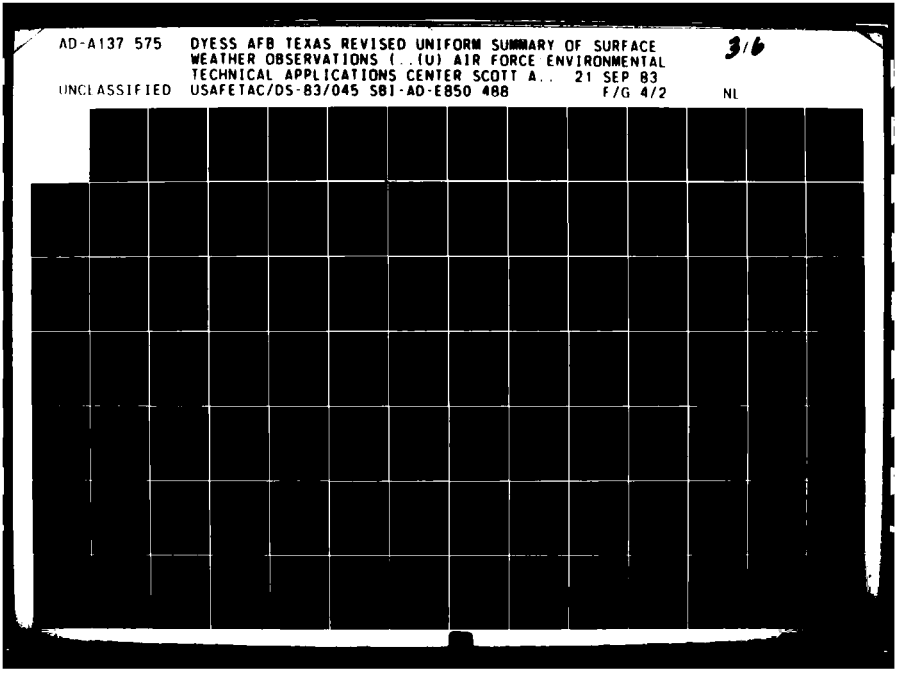
# CEILING VERSUS VISIBILITY

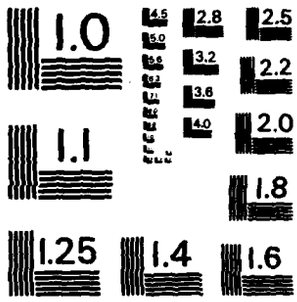
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



AD-A137 575 DYESS AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 21 SEP 83 3/6

UNCLASSIFIED USAFETAC/DS-83/045 SBI-AD-E850 488 F/G 4/2 NL






MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722665 (STATION) GYESS AFB TX (STATION NAME) 74-83 (YEARS) MAY (MONTH)

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

1200-1400 (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 56.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 20000 | 65.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 18000 | 66.1 | 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 |
| ≥ 16000 | 66.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 14000 | 66.9 | 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 |
| ≥ 12000 | 68.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 10000 | 70.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 9000 | 70.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 8000 | 72.5 | 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 |
| ≥ 7000 | 73.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 6000 | 74.4 | 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 |
| ≥ 5000 | 75.6 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 |
| ≥ 4500 | 75.8 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 |
| ≥ 4000 | 78.7 | 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 | 80.4 | 80.4 |
| ≥ 3500 | 83.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 |
| ≥ 3000 | 87.7 | 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 | 90.5 | 90.5 |
| ≥ 2500 | 91.2 | 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 | 94.0 | 94.0 |
| ≥ 2000 | 93.5 | 96.3 | 96.3 | 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 |
| ≥ 1800 | 93.7 | 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 | 96.7 | 96.7 |
| ≥ 1500 | 94.3 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 |
| ≥ 1200 | 94.5 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 |
| ≥ 1000 | 94.9 | 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 | 98.9 | 98.9 |
| ≥ 900 | 94.9 | 98.5 | 98.5 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 800 | 94.9 | 98.5 | 98.5 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 700 | 94.9 | 98.5 | 98.5 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 |
| ≥ 600 | 94.9 | 98.5 | 98.5 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 |
| ≥ 500 | 94.9 | 98.5 | 98.5 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 400 | 94.9 | 98.5 | 98.5 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 300 | 94.9 | 98.5 | 98.5 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 94.9 | 98.5 | 98.5 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 94.9 | 98.5 | 98.5 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 94.9 | 98.5 | 98.5 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

72265 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAY (MONTH)

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

1500-1700 (HOURS L.T.)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 58.8 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 20000 | 69.9 | 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 |
| ≥ 18000 | 70.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 16000 | 70.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 14000 | 71.1 | 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 | 73.1 |
| ≥ 12000 | 73.7 | 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 |
| ≥ 10000 | 75.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 9000 | 76.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 8000 | 78.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 7000 | 79.1 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 6000 | 79.9 | 82.0 | 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 |
| ≥ 5000 | 81.4 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 4500 | 82.0 | 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 | 85.7 | 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 |
| ≥ 3500 | 88.6 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 3000 | 92.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 2500 | 93.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 2000 | 94.9 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1800 | 94.8 | 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 | 98.2 |
| ≥ 1500 | 95.4 | 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 | 98.8 |
| ≥ 1200 | 95.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1000 | 95.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 900 | 95.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 800 | 95.8 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 95.8 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 95.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 95.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 95.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 95.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 95.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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# CEILING VERSUS VISIBILITY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAY (MONTH)

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

1800-2000 (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥⅜ | ≥¼ | ≥0 | |
| NO CEILING | 63.1 | 64.3 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 20000 | 76.8 | 78.2 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 18000 | 76.9 | 78.3 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 16000 | 77.0 | 78.4 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 14000 | 78.0 | 79.4 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 12000 | 79.7 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 10000 | 82.1 | 84.5 | 84.6 | 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 |
| ≥ 9000 | 83.0 | 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 |
| ≥ 8000 | 85.7 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 7000 | 86.3 | 88.2 | 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 |
| ≥ 6000 | 86.9 | 89.1 | 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 |
| ≥ 5000 | 88.1 | 90.7 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 4500 | 88.6 | 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 |
| ≥ 4000 | 90.9 | 93.6 | 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 |
| ≥ 3500 | 91.9 | 94.6 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 3000 | 93.4 | 96.3 | 96.4 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 2500 | 93.9 | 97.0 | 97.1 | 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 |
| ≥ 2000 | 94.1 | 97.5 | 97.6 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1800 | 94.3 | 97.5 | 97.6 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1500 | 94.6 | 98.0 | 98.1 | 98.4 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1200 | 94.6 | 98.1 | 98.2 | 98.5 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1000 | 94.8 | 98.4 | 98.5 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 900 | 94.9 | 98.6 | 98.7 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 95.0 | 98.7 | 98.8 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 95.1 | 98.8 | 98.9 | 99.2 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 95.0 | 98.8 | 98.9 | 99.2 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 95.0 | 98.9 | 99.0 | 99.4 | 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 | 95.0 | 98.9 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.0 | 98.9 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.1 | 98.9 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.0 | 98.9 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.0 | 98.9 | 99.1 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 927

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

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAY (MONTH)

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

2100-2300 (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 70.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 20000 | 78.7 | 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 | 79.9 |
| ≥ 18000 | 78.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 16000 | 79.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 14000 | 79.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 12000 | 81.1 | 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 |
| ≥ 10000 | 81.9 | 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 | 81.9 | 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 |
| ≥ 8000 | 83.5 | 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 | 85.2 |
| ≥ 7000 | 83.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 6000 | 84.7 | 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 |
| ≥ 5000 | 87.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 4500 | 87.8 | 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 |
| ≥ 4000 | 90.1 | 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 |
| ≥ 3500 | 90.8 | 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 |
| ≥ 3000 | 92.2 | 95.7 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 2500 | 92.4 | 96.0 | 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 |
| ≥ 2000 | 93.0 | 96.5 | 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 |
| ≥ 1800 | 93.3 | 96.9 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1500 | 94.1 | 98.0 | 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 |
| ≥ 1200 | 94.4 | 98.3 | 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 | 98.9 |
| ≥ 1000 | 94.7 | 98.6 | 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 |
| ≥ 900 | 95.0 | 98.9 | 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 |
| ≥ 800 | 95.0 | 98.9 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 95.0 | 98.9 | 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 |
| ≥ 600 | 95.0 | 98.9 | 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 |
| ≥ 500 | 95.0 | 99.0 | 99.4 | 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 |
| ≥ 400 | 95.0 | 99.0 | 99.4 | 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 |
| ≥ 300 | 95.0 | 99.0 | 99.4 | 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 |
| ≥ 200 | 95.0 | 99.0 | 99.4 | 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 | 95.0 | 99.0 | 99.4 | 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 |
| ≥ 0 | 95.0 | 99.0 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 927

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

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAY (MONTH)

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

ALL (HOURS LST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 7 | ≥2 | ≥1 1 2 | ≥1 1 4 | ≥1 | ≥ 3 4 | ≥ 5 8 | ≥ 1 2 | ≥ 3 8 16 | ≥ 1 4 | ≥0 |
| NO CEILING | 60.1 | 62.3 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 20000 | 68.7 | 71.0 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 18000 | 68.9 | 71.3 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 16000 | 69.0 | 71.3 | 71.5 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 14000 | 69.6 | 71.9 | 72.1 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 12000 | 71.2 | 73.7 | 73.9 | 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 |
| ≥ 10000 | 73.6 | 76.3 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 9000 | 73.8 | 76.5 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 8000 | 75.5 | 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 | 76.2 | 79.1 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 6000 | 76.8 | 79.7 | 79.9 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 5000 | 78.3 | 81.4 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 |
| ≥ 4500 | 78.9 | 82.1 | 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 |
| ≥ 4000 | 81.3 | 84.9 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 |
| ≥ 3500 | 83.1 | 86.8 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 3000 | 85.2 | 89.2 | 89.5 | 89.6 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 2500 | 86.8 | 91.1 | 91.4 | 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 |
| ≥ 2000 | 88.3 | 92.9 | 93.3 | 93.4 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1800 | 88.7 | 93.3 | 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 |
| ≥ 1500 | 89.9 | 94.9 | 95.3 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1200 | 90.6 | 95.8 | 96.3 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | 91.1 | 96.6 | 97.1 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 |
| ≥ 900 | 91.5 | 97.1 | 97.6 | 97.9 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 91.7 | 97.3 | 97.9 | 98.2 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 91.9 | 97.6 | 98.1 | 98.5 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 600 | 91.9 | 97.8 | 98.3 | 98.7 | 99.0 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 92.0 | 97.9 | 98.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 92.0 | 98.0 | 98.6 | 99.0 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 92.0 | 98.0 | 98.6 | 99.0 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 92.0 | 98.0 | 98.6 | 99.0 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 92.0 | 98.0 | 98.6 | 99.0 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 92.0 | 98.0 | 98.6 | 99.0 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7434

USAF ETAC FORM AM 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

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JAN (MONTH)

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

0000-0200 (HOUR)

| 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 | 76.6 | 76.6 | 76.6 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 20000 | 84.1 | 84.9 | 84.9 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 18000 | 84.1 | 84.9 | 84.9 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 16000 | 84.1 | 84.9 | 84.9 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 14000 | 84.3 | 85.1 | 85.1 | 85.1 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 12000 | 85.1 | 85.9 | 85.9 | 85.9 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 10000 | 86.6 | 87.6 | 87.7 | 87.7 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 9000 | 86.6 | 87.6 | 87.7 | 87.7 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 8000 | 88.6 | 89.6 | 89.7 | 89.7 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 7000 | 89.0 | 90.1 | 90.4 | 90.4 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 6000 | 89.2 | 90.3 | 90.7 | 90.7 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 5000 | 91.0 | 92.1 | 92.4 | 92.4 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 4500 | 92.0 | 93.2 | 93.6 | 93.6 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 4000 | 92.3 | 93.9 | 94.2 | 94.2 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3500 | 92.8 | 94.3 | 94.8 | 94.8 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 3000 | 93.3 | 95.3 | 95.8 | 95.9 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 2500 | 93.8 | 95.8 | 96.2 | 96.3 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 2000 | 94.2 | 96.2 | 96.7 | 96.8 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1800 | 94.3 | 96.3 | 96.8 | 96.9 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1500 | 94.4 | 96.4 | 96.9 | 97.0 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1200 | 95.2 | 97.3 | 97.8 | 97.9 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | 95.6 | 98.0 | 98.6 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 95.6 | 98.0 | 98.6 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 95.6 | 98.0 | 98.6 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 95.6 | 98.0 | 98.6 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 95.7 | 98.1 | 98.7 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 95.7 | 98.4 | 99.0 | 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 |
| ≥ 400 | 95.7 | 98.4 | 99.0 | 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 |
| ≥ 300 | 95.7 | 98.4 | 99.0 | 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 |
| ≥ 200 | 95.7 | 98.4 | 99.0 | 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 | 95.7 | 98.4 | 99.0 | 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 |
| ≥ 0 | 95.7 | 98.4 | 99.0 | 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 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

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

0330-0500 (HOURS LST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥⅜ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 72.6 | 73.6 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 20000 | 79.1 | 80.1 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 18000 | 79.2 | 80.2 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 16000 | 79.3 | 80.3 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 14000 | 79.7 | 80.7 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 12000 | 81.2 | 82.2 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 10000 | 83.2 | 84.3 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 9000 | 83.3 | 84.4 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 8000 | 85.3 | 86.4 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 7000 | 85.8 | 87.0 | 87.2 | 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 |
| ≥ 6000 | 86.7 | 87.9 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 5000 | 87.7 | 88.9 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 4500 | 88.2 | 89.6 | 89.8 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 4000 | 88.8 | 90.2 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 3500 | 89.0 | 90.7 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 3000 | 89.8 | 91.7 | 92.1 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 2500 | 91.0 | 92.9 | 93.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 2000 | 92.4 | 94.4 | 94.9 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1800 | 92.8 | 94.8 | 95.2 | 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 |
| ≥ 1500 | 94.2 | 96.2 | 96.7 | 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 |
| ≥ 1200 | 94.9 | 97.1 | 97.6 | 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 |
| ≥ 1000 | 95.2 | 97.4 | 97.9 | 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 |
| ≥ 900 | 95.3 | 97.6 | 98.0 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 800 | 95.4 | 97.7 | 98.1 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 700 | 95.4 | 97.7 | 98.1 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 600 | 95.4 | 97.8 | 98.2 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 95.4 | 98.1 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 95.4 | 98.1 | 98.6 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 95.4 | 98.1 | 98.6 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 95.4 | 98.1 | 98.6 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 95.4 | 98.1 | 98.6 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 95.4 | 98.1 | 98.6 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (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 | 63.4 | 65.7 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 20000 | 70.9 | 73.3 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 18000 | 71.0 | 73.4 | 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 |
| ≥ 16000 | 71.0 | 73.4 | 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 |
| ≥ 14000 | 71.9 | 74.3 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 12000 | 73.9 | 76.4 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 10000 | 76.7 | 79.4 | 79.9 | 79.9 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 9000 | 77.0 | 79.8 | 80.2 | 80.2 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 8000 | 79.0 | 81.9 | 82.3 | 82.3 | 82.4 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 7000 | 80.1 | 83.0 | 83.4 | 83.4 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 6000 | 81.1 | 84.0 | 84.4 | 84.4 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 5000 | 81.6 | 84.8 | 85.2 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 4500 | 81.9 | 85.1 | 85.6 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 4000 | 82.8 | 86.0 | 86.4 | 86.4 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 3500 | 83.0 | 86.2 | 86.7 | 86.7 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 3000 | 84.0 | 87.4 | 87.9 | 87.9 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 2500 | 85.8 | 89.2 | 89.7 | 89.7 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 2000 | 88.4 | 92.0 | 92.4 | 92.4 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1800 | 89.1 | 92.7 | 93.1 | 93.1 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1500 | 90.7 | 94.3 | 94.8 | 95.0 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1200 | 92.1 | 95.8 | 96.2 | 96.4 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | 92.7 | 96.6 | 97.0 | 97.3 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 900 | 92.9 | 96.8 | 97.3 | 97.8 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 800 | 93.2 | 97.2 | 97.8 | 98.3 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 93.2 | 97.3 | 97.9 | 98.4 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 93.2 | 97.3 | 98.1 | 98.8 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 93.2 | 97.4 | 98.2 | 98.9 | 99.1 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 93.2 | 97.6 | 98.3 | 99.0 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 93.2 | 97.6 | 98.3 | 99.0 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 93.2 | 97.6 | 98.3 | 99.0 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 93.2 | 97.6 | 98.3 | 99.0 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 93.2 | 97.6 | 98.3 | 99.0 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

722665 (STATION) DYESS AFB TX (STATION NAME) 73-87 (YEARS) JUN (MONTH)

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

0900-1100 (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥⅞ | ≥¾ | ≥½ | ≥5/16 | ≥¼ | 0 |
| NO CEILING | 66.1 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 20000 | 75.4 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 18000 | 76.2 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 16000 | 76.2 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 14000 | 76.9 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 12000 | 78.6 | 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 |
| ≥ 10000 | 81.6 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 9000 | 81.9 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 8000 | 84.0 | 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 | 84.2 | 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 | 85.0 | 85.9 | 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 |
| ≥ 5000 | 85.1 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 4500 | 85.4 | 86.3 | 86.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 4000 | 86.0 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 3500 | 86.8 | 87.7 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 3000 | 89.3 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 2500 | 91.9 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 2000 | 94.0 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1800 | 94.4 | 95.9 | 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 |
| ≥ 1500 | 95.6 | 97.2 | 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 |
| ≥ 1200 | 96.3 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1000 | 96.3 | 98.3 | 98.4 | 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 |
| ≥ 900 | 96.4 | 98.4 | 98.6 | 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 |
| ≥ 800 | 96.6 | 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 | 99.0 |
| ≥ 700 | 96.6 | 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 | 99.1 | 99.1 |
| ≥ 600 | 96.6 | 98.7 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 96.7 | 98.9 | 99.2 | 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 |
| ≥ 400 | 96.7 | 98.9 | 99.2 | 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 |
| ≥ 300 | 96.7 | 98.9 | 99.2 | 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 |
| ≥ 200 | 96.7 | 98.9 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.7 | 98.9 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 96.7 | 98.9 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

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

1200-1800 (HOURS L.T.)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥⅜ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 20000 | 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 | 79.2 |
| ≥ 18000 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 16000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 14000 | 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 | 80.4 |
| ≥ 12000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 10000 | 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 | 83.0 |
| ≥ 9000 | 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 | 83.1 |
| ≥ 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 | 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 |
| ≥ 6000 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 5000 | 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 | 86.3 | 86.3 |
| ≥ 4500 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 4000 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 3500 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 3000 | 95.3 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 2500 | 97.0 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2000 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1800 | 98.0 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 98.0 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1200 | 98.2 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 98.2 | 99.0 | 99.0 | 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 |
| ≥ 900 | 98.2 | 99.0 | 99.0 | 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 |
| ≥ 800 | 98.2 | 99.0 | 99.0 | 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 |
| ≥ 700 | 98.2 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 98.3 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 98.3 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.3 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.3 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.3 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.3 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.3 | 99.1 | 99.4 | 99.7 | 99.7 | 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 900

USAF ETAC FORM 10L 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

7226 65 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

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

1500-1700 (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅛ | ≥¼ | =0 |
| NO CEILING | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 20000 | 83.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 18000 | 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 | 84.0 |
| ≥ 16000 | 93.9 | 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 | 85.4 | 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 |
| ≥ 12000 | 86.6 | 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 |
| ≥ 10000 | 87.6 | 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 |
| ≥ 9000 | 87.6 | 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 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 7000 | 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 | 90.2 | 90.2 |
| ≥ 6000 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 5000 | 91.3 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 4500 | 92.4 | 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 |
| ≥ 4000 | 94.0 | 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 |
| ≥ 3500 | 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 | 95.4 |
| ≥ 3000 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2500 | 97.7 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2000 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 |
| ≥ 1800 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 |
| ≥ 1500 | 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 | 99.2 | 99.2 |
| ≥ 1200 | 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 | 99.4 | 99.4 |
| ≥ 1000 | 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 | 99.4 | 99.4 |
| ≥ 900 | 98.7 | 99.3 | 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 | 99.6 |
| ≥ 800 | 98.7 | 99.3 | 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 | 99.6 |
| ≥ 700 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 |
| ≥ 600 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 |
| ≥ 500 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| ≥ 400 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| ≥ 300 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72265 CYESS AFB TX 73-87
STATION STATION NAME YEARS

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

1200-2200

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ¾ | ½ | ¼ | 0 |
| NO CEILING | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 20000 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 18000 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 6000 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 4000 | 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 |
| ≥ 3000 | 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 |
| ≥ 2000 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 1800 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 1600 | 92.4 | 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 |
| ≥ 1400 | 92.8 | 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 |
| ≥ 1200 | 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 |
| ≥ 1000 | 94.2 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 900 | 94.4 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 800 | 95.2 | 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 |
| ≥ 700 | 96.1 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 600 | 96.8 | 97.3 | 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 |
| ≥ 500 | 97.1 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 450 | 97.2 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 97.2 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 350 | 97.6 | 98.7 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 300 | 97.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 250 | 97.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 97.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 150 | 97.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 97.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 050 | 97.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 000 | 97.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 000 | 97.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 000 | 97.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 000 | 97.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 000 | 97.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 000 | 97.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 000 | 97.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 000 | 97.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 000 | 97.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 000 | 97.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72265 DYESS AFB TX 73-82
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300
HOUR

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | <¼ | 0 |
| NO CEILING | 78.3 | 78.6 | 78.6 | 78.6 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 20000 | 88.6 | 88.8 | 88.8 | 88.9 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 18000 | 88.6 | 88.8 | 88.8 | 88.9 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 16000 | 88.6 | 88.8 | 88.8 | 88.9 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 14000 | 88.8 | 89.0 | 89.1 | 89.1 | 89.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 12000 | 89.7 | 89.9 | 89.9 | 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 |
| ≥ 10000 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 9000 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 8000 | 91.9 | 92.2 | 92.2 | 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 |
| ≥ 7000 | 92.1 | 92.4 | 92.4 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 6000 | 92.1 | 92.6 | 92.6 | 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 |
| ≥ 5000 | 93.1 | 93.6 | 93.6 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 4500 | 93.4 | 94.0 | 94.0 | 94.1 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 4000 | 94.4 | 95.3 | 95.3 | 95.4 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 3500 | 95.2 | 96.1 | 96.1 | 96.2 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 3000 | 96.1 | 97.0 | 97.1 | 97.2 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 2500 | 96.4 | 97.4 | 97.4 | 97.7 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 2000 | 96.6 | 97.6 | 97.6 | 97.8 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 96.6 | 97.6 | 97.6 | 97.8 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1500 | 96.6 | 97.8 | 97.8 | 98.0 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1200 | 96.7 | 98.2 | 98.2 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 97.1 | 98.7 | 98.9 | 99.2 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 97.2 | 98.8 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 97.2 | 98.8 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 97.2 | 98.8 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 97.2 | 98.8 | 99.2 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 97.2 | 98.8 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.2 | 98.8 | 99.3 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.2 | 98.8 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.2 | 98.8 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.2 | 98.8 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 97.3 | 98.8 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

722665 (STATION) VANCE AFB OK (STATION NAME) 73-82 (YEARS) JUN (MONTH)

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

ALL (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | <¼ |
| NO CEILING | 72.3 | 72.9 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 20000 | 81.1 | 81.8 | 81.8 | 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 | 81.3 | 82.0 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 16000 | 81.4 | 82.1 | 82.1 | 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 | 81.9 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 12000 | 83.2 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 10000 | 85.2 | 86.0 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 9000 | 85.3 | 86.1 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 8000 | 86.9 | 87.8 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 7000 | 87.4 | 88.3 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 6000 | 87.9 | 88.8 | 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 |
| ≥ 5000 | 88.8 | 89.7 | 89.8 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 4500 | 89.3 | 90.3 | 90.5 | 90.5 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 4000 | 90.3 | 91.4 | 91.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 3500 | 91.1 | 92.3 | 92.5 | 92.5 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 3000 | 92.7 | 94.1 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 2500 | 93.9 | 95.3 | 95.4 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 2000 | 94.8 | 96.3 | 96.5 | 96.6 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1800 | 95.0 | 96.5 | 96.7 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1500 | 95.7 | 97.3 | 97.5 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1200 | 96.2 | 98.0 | 98.2 | 98.4 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | 96.5 | 98.3 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 900 | 96.5 | 98.4 | 98.6 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| ≥ 800 | 96.6 | 98.4 | 98.7 | 99.0 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 700 | 96.6 | 98.5 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 96.6 | 98.5 | 98.9 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 96.6 | 98.7 | 99.0 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 96.6 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 96.6 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 96.6 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 96.6 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 96.6 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7226 65 (STATION) LAUGHLIN AFB TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

0000-2300 (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥⅜ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 83.5 | 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 | 84.6 |
| ≥ 20000 | 88.1 | 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 | 89.1 |
| ≥ 18000 | 88.2 | 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 |
| ≥ 16000 | 88.3 | 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 |
| ≥ 14000 | 88.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 12000 | 90.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 10000 | 91.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 9000 | 92.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 8000 | 93.1 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 7000 | 93.4 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 6000 | 93.7 | 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 |
| ≥ 5000 | 94.1 | 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 |
| ≥ 4500 | 94.4 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 4000 | 95.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3500 | 95.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3000 | 95.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2500 | 95.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2000 | 96.1 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 96.1 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 96.5 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 96.9 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 97.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 900 | 97.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 97.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 97.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 97.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 97.2 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.2 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.2 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.2 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.2 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 97.2 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

0300-0500 (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | 0 |
| NO CEILING | 78.6 | 78.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 20000 | 83.3 | 83.8 | 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 |
| ≥ 18000 | 83.3 | 83.8 | 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 |
| ≥ 16000 | 83.3 | 83.8 | 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 |
| ≥ 14000 | 83.7 | 84.1 | 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 |
| ≥ 12000 | 86.8 | 87.2 | 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 |
| ≥ 10000 | 88.9 | 89.4 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 9000 | 89.6 | 90.0 | 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 |
| ≥ 8000 | 91.5 | 92.4 | 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 |
| ≥ 7000 | 91.6 | 92.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 6000 | 92.2 | 93.3 | 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 | 94.4 |
| ≥ 5000 | 92.6 | 94.0 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 4500 | 93.3 | 94.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 4000 | 94.5 | 96.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 3500 | 94.5 | 96.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 3000 | 95.2 | 96.7 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2500 | 95.5 | 97.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2000 | 95.5 | 97.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1800 | 95.6 | 97.1 | 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 | 95.8 | 97.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1200 | 95.9 | 97.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1000 | 96.1 | 98.4 | 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 |
| ≥ 900 | 96.1 | 98.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 96.2 | 98.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 96.2 | 98.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 96.2 | 98.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 96.3 | 98.6 | 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 | 100.0 |
| ≥ 400 | 96.3 | 98.6 | 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 | 100.0 |
| ≥ 300 | 96.3 | 98.6 | 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 | 100.0 |
| ≥ 200 | 96.3 | 98.6 | 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 | 100.0 |
| ≥ 100 | 96.3 | 98.6 | 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 | 100.0 |
| ≥ 0 | 96.3 | 98.6 | 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 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722665 (STATION) WYESS AFB TX (STATION NAME) 73-82 (YEARS) JAN (MONTH)

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

0600-0800 (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥⅜ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 74.5 | 75.7 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 20000 | 79.5 | 80.9 | 81.3 | 81.4 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 18000 | 79.7 | 81.1 | 81.5 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 16000 | 79.7 | 81.1 | 81.5 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 14000 | 80.3 | 81.8 | 82.3 | 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 |
| ≥ 12000 | 82.2 | 83.9 | 84.3 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 10000 | 85.2 | 87.1 | 87.5 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 9000 | 85.2 | 87.1 | 87.5 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 8000 | 87.1 | 89.0 | 89.5 | 89.6 | 89.6 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 7000 | 88.0 | 90.1 | 90.5 | 90.6 | 90.6 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 6000 | 88.4 | 90.5 | 91.0 | 91.1 | 91.1 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 5000 | 89.7 | 91.8 | 92.3 | 92.5 | 92.6 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 4500 | 89.7 | 91.9 | 92.4 | 92.6 | 92.7 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 4000 | 90.1 | 92.4 | 92.8 | 93.1 | 93.2 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 3500 | 90.2 | 92.5 | 92.9 | 93.2 | 93.3 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 3000 | 90.5 | 92.8 | 93.2 | 93.5 | 93.7 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 2500 | 91.0 | 93.2 | 93.7 | 94.0 | 94.1 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 2000 | 91.2 | 93.7 | 94.2 | 94.5 | 94.6 | 94.7 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1800 | 91.2 | 93.7 | 94.2 | 94.5 | 94.6 | 94.7 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1500 | 91.8 | 94.5 | 95.1 | 95.4 | 95.5 | 95.6 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1200 | 92.9 | 95.5 | 96.0 | 96.3 | 96.5 | 96.6 | 96.8 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1000 | 93.0 | 96.1 | 96.7 | 97.0 | 97.1 | 97.2 | 97.7 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 93.1 | 96.3 | 96.9 | 97.3 | 97.4 | 97.5 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 93.1 | 96.3 | 96.9 | 97.3 | 97.4 | 97.5 | 98.1 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 700 | 93.4 | 96.8 | 97.3 | 97.7 | 97.8 | 98.0 | 98.5 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 93.4 | 97.0 | 97.6 | 98.1 | 98.2 | 98.3 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 93.5 | 97.3 | 98.1 | 98.6 | 98.7 | 98.8 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 93.7 | 97.4 | 98.2 | 98.7 | 98.8 | 98.9 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 93.7 | 97.4 | 98.2 | 98.7 | 98.8 | 98.9 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 93.7 | 97.4 | 98.2 | 98.7 | 98.8 | 98.9 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 93.7 | 97.4 | 98.2 | 98.7 | 98.8 | 98.9 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 93.7 | 97.4 | 98.2 | 98.7 | 98.8 | 98.9 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

722665 (STATION) DYESS AFB TX (STATION NAME) 73-87 (YEARS) JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 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 | 73.7 |
| ≥ 20000 | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 18000 | 78.1 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 16000 | 78.1 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 14000 | 79.2 | 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 |
| ≥ 12000 | 81.5 | 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 | 82.6 |
| ≥ 10000 | 84.8 | 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 | 85.6 | 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 | 87.6 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 7000 | 88.4 | 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 |
| ≥ 6000 | 89.2 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 5000 | 90.2 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 4500 | 90.4 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 4000 | 90.3 | 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 |
| ≥ 3500 | 91.2 | 92.6 | 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 | 92.9 |
| ≥ 3000 | 92.2 | 93.7 | 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 |
| ≥ 2500 | 93.0 | 94.6 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 2000 | 94.6 | 96.2 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1800 | 94.6 | 96.2 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1500 | 95.5 | 97.3 | 97.6 | 97.8 | 97.8 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1200 | 95.7 | 97.6 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1000 | 96.2 | 98.7 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 96.2 | 98.8 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 96.2 | 98.8 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 96.3 | 98.9 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 96.3 | 98.9 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 96.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 96.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 96.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.5 | 99.0 | 99.4 | 99.6 | 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 | 96.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 96.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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# CEILING VERSUS VISIBILITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) LMT (HOUR)

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

1200-1800 (HOUR)

| 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 | 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 |
| ≥ 20000 | 76.9 | 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 |
| ≥ 18000 | 77.0 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 16000 | 77.0 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 14000 | 79.0 | 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 |
| ≥ 12000 | 80.8 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 10000 | 83.3 | 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 | 83.8 | 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 | 86.2 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 7000 | 86.9 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 6000 | 88.2 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 5000 | 89.5 | 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 |
| ≥ 4500 | 90.1 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 4000 | 92.2 | 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 |
| ≥ 3500 | 93.9 | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 3000 | 95.6 | 96.9 | 97.1 | 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 | 96.0 | 97.3 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2000 | 96.7 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 97.0 | 98.4 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 |
| ≥ 1500 | 97.1 | 98.5 | 98.7 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 97.1 | 99.0 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 0 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM NOV 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

72266 DYESS AFB TX 73-82 JUL 1520-1720

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

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥5/16 | ≥1/4 | ≥0 |
| 22000 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| 18000 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| 17000 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| 14000 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| 13000 | 81.8 | 81.9 | 81.9 | 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 |
| 11000 | 85.5 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 10000 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| 9000 | 88.6 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 8000 | 89.1 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 7000 | 90.5 | 91.6 | 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 |
| 6000 | 92.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 5000 | 92.8 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 4500 | 94.2 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 |
| 4000 | 95.2 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| 3500 | 95.8 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 |
| 3000 | 96.1 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 |
| 2500 | 96.6 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| 2400 | 96.6 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| 2300 | 96.7 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| 2200 | 97.2 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| 2000 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 1900 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 1800 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 1700 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 1600 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 1500 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1400 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1300 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1200 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1100 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| 1000 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) ANNUAL (MONTH)

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

1800-2000 (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 72.6 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 20000 | 85.1 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 18000 | 85.3 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 16000 | 85.4 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 14000 | 86.7 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 12000 | 88.3 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 10000 | 90.4 | 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 |
| ≥ 9000 | 90.9 | 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 |
| ≥ 8000 | 93.7 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 7000 | 94.4 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 6000 | 95.3 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 5000 | 96.3 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 4500 | 97.0 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 4000 | 97.3 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 3500 | 97.4 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 3000 | 97.6 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2500 | 98.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 2000 | 98.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | 98.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | 98.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1200 | 98.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1000 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 82.8 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 20000 | 89.8 | 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 |
| ≥ 18000 | 89.8 | 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 |
| ≥ 16000 | 89.9 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 14000 | 90.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 12000 | 91.4 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 10000 | 93.0 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 9000 | 93.2 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 8000 | 94.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 7000 | 94.7 | 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 | 95.8 |
| ≥ 6000 | 95.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 5000 | 96.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 4500 | 96.8 | 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 | 98.0 | 98.0 |
| ≥ 4000 | 97.1 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 3500 | 97.5 | 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 |
| ≥ 3000 | 97.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2500 | 97.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2000 | 97.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | 97.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | 97.8 | 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 |
| ≥ 1200 | 98.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1000 | 98.2 | 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 | 98.2 | 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 |
| ≥ 800 | 98.2 | 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 | 98.2 | 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 | 98.2 | 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 | 98.2 | 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 | 98.2 | 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 | 98.2 | 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 | 98.2 | 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 | 98.2 | 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 | 98.2 | 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 930

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

7226 65 (STATION) LYNESS AFB IX (STATION NAME) 73-82 (YEARS)

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥⅞ | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 75.5 | 76.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 20000 | 82.5 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 18000 | 82.6 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 16000 | 82.6 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 14000 | 83.6 | 84.2 | 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 |
| ≥ 12000 | 85.3 | 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 |
| ≥ 10000 | 87.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 9000 | 88.3 | 89.3 | 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 | 89.5 |
| ≥ 8000 | 90.3 | 91.4 | 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 |
| ≥ 7000 | 90.8 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 6000 | 91.6 | 92.8 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 5000 | 92.6 | 94.0 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 4500 | 93.1 | 94.5 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 4000 | 94.0 | 95.4 | 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 |
| ≥ 3500 | 94.4 | 95.9 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 3000 | 95.2 | 96.5 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 2500 | 95.3 | 96.9 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2000 | 95.8 | 97.5 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1800 | 95.9 | 97.5 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1500 | 96.2 | 97.9 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1200 | 96.5 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 96.7 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 96.7 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 96.7 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 96.8 | 99.0 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 96.8 | 99.0 | 99.3 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 96.8 | 99.1 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 96.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 96.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.8 | 99.1 | 99.4 | 99.6 | 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 | 96.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 96.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7480

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

722665 (STATION) LYESS AFB TX (STATION NAME) 73-82 (YEARS) ANN (MONTH)

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

0000-2300 (LST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | 0 |
| NO CEILING | 79.6 | 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 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 18000 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 6000 | 87.2 | 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 |
| ≥ 14000 | 87.8 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 12000 | 89.7 | 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 |
| ≥ 10000 | 91.8 | 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 |
| ≥ 9000 | 91.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 8000 | 92.8 | 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 |
| ≥ 7000 | 93.7 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 6000 | 93.9 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 5000 | 94.6 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 4500 | 94.9 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4000 | 95.1 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 3500 | 95.2 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3000 | 95.2 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2500 | 95.2 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2000 | 95.2 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1800 | 95.2 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1500 | 95.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1200 | 96.1 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1000 | 96.1 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 96.1 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 96.1 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 96.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

7026.65 STATION | KYESS AFB IV STATION NAME | 73-82 YEARS | A

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-2500

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 | |
| NO CEILING | 76.5 | 77.4 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | |
| ≥ 20000 | 83.1 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | |
| ≥ 18000 | 83.1 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | |
| ≥ 16000 | 83.1 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | |
| ≥ 14000 | 84.1 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | |
| ≥ 12000 | 86.1 | 87.5 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | |
| ≥ 10000 | 88.3 | 90.4 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | |
| ≥ 9000 | 88.3 | 90.4 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | |
| ≥ 8000 | 89.1 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | |
| ≥ 7000 | 89.4 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | |
| ≥ 6000 | 89.9 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | |
| ≥ 5000 | 91.1 | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.7 | 93.7 | |
| ≥ 4500 | 91.4 | 93.7 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | |
| ≥ 4000 | 91.7 | 94.5 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | |
| ≥ 3500 | 92.1 | 94.8 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | |
| ≥ 3000 | 92.2 | 95.3 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | |
| ≥ 2500 | 92.2 | 95.3 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | |
| ≥ 2000 | 92.3 | 95.5 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | |
| ≥ 1800 | 92.5 | 95.7 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | |
| ≥ 1500 | 93.1 | 96.5 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | |
| ≥ 1200 | 93.2 | 97.1 | 97.4 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | |
| ≥ 1000 | 93.5 | 97.8 | 98.3 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | |
| ≥ 900 | 93.7 | 98.1 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | |
| ≥ 800 | 93.8 | 98.4 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | |
| ≥ 700 | 93.9 | 98.4 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | |
| ≥ 600 | 93.8 | 98.5 | 98.9 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | |
| ≥ 500 | 93.8 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | |
| ≥ 400 | 93.8 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | |
| ≥ 300 | 93.8 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | |
| ≥ 200 | 93.8 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | |
| ≥ 100 | 93.8 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 100.0 | |
| ≥ 0 | 93.8 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72266 — YEES AFB TX — 73-82 — A

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | 0 |
| NO CEILING | 69.4 | 71.3 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 20000 | 74.2 | 77.2 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 |
| ≥ 18000 | 74.3 | 77.3 | 77.5 | 77.6 | 77.7 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 |
| ≥ 16000 | 74.6 | 77.6 | 77.8 | 78.0 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 |
| ≥ 14000 | 75.5 | 78.5 | 78.7 | 78.8 | 79.0 | 79.1 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 |
| ≥ 12000 | 78.5 | 81.7 | 81.9 | 82.0 | 82.3 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 |
| ≥ 10000 | 83.1 | 86.8 | 87.1 | 87.1 | 87.6 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 |
| ≥ 9000 | 83.1 | 86.8 | 87.0 | 87.1 | 87.6 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 |
| ≥ 8000 | 84.5 | 88.2 | 88.4 | 88.5 | 89.0 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 |
| ≥ 7000 | 85.3 | 89.1 | 89.4 | 89.5 | 90.0 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 |
| ≥ 6000 | 86.2 | 89.9 | 90.1 | 90.2 | 90.8 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 |
| ≥ 5000 | 87.1 | 91.2 | 91.4 | 91.5 | 92.0 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 |
| ≥ 4500 | 87.3 | 91.5 | 91.7 | 91.8 | 92.4 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 |
| ≥ 4000 | 88.1 | 92.5 | 92.7 | 92.8 | 93.3 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 |
| ≥ 3500 | 88.4 | 92.9 | 93.1 | 93.2 | 93.8 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 |
| ≥ 3000 | 88.5 | 93.1 | 93.3 | 93.4 | 94.1 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 |
| ≥ 2500 | 88.7 | 93.3 | 93.5 | 93.7 | 94.3 | 94.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 |
| ≥ 2000 | 89.4 | 94.0 | 94.2 | 94.3 | 94.9 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 |
| ≥ 1800 | 89.4 | 94.0 | 94.2 | 94.3 | 94.9 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 |
| ≥ 1500 | 89.8 | 94.4 | 94.6 | 94.7 | 95.4 | 95.6 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 |
| ≥ 1200 | 90.9 | 95.8 | 96.0 | 96.1 | 97.1 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 |
| ≥ 1000 | 91.2 | 96.9 | 97.1 | 97.2 | 98.2 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 900 | 91.3 | 97.0 | 97.2 | 97.3 | 98.4 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 |
| ≥ 800 | 91.3 | 97.0 | 97.2 | 97.3 | 98.5 | 98.8 | 99.1 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 |
| ≥ 700 | 91.3 | 97.1 | 97.3 | 97.4 | 98.6 | 98.9 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 600 | 91.3 | 97.1 | 97.3 | 97.4 | 98.6 | 98.9 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 500 | 91.3 | 97.2 | 97.5 | 97.6 | 98.8 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 400 | 91.3 | 97.2 | 97.5 | 97.6 | 98.8 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 300 | 91.3 | 97.2 | 97.5 | 97.6 | 99.0 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 91.3 | 97.2 | 97.5 | 97.6 | 99.0 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 91.3 | 97.2 | 97.5 | 97.6 | 99.0 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| 0 | 91.3 | 97.2 | 97.5 | 97.6 | 99.0 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 9336

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7226 65 STATION — YEES AFB TX STATION NAME — 73-82 YEARS — ANN MONTH

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

0900-1100 HOUR

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | <¼ | |
| NO CEILING | 71.2 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 20000 | 77.5 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 18000 | 77.7 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 6000 | 77.7 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 4000 | 79.2 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 2000 | 81.5 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 10000 | 85.5 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 9000 | 85.6 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 8000 | 86.7 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 7000 | 87.5 | 88.9 | 89.1 | 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 |
| ≥ 6000 | 88.3 | 89.7 | 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 |
| ≥ 5000 | 89.1 | 90.5 | 90.6 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 4500 | 89.5 | 91.0 | 91.1 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 4000 | 90.1 | 91.7 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 3500 | 90.1 | 91.9 | 92.1 | 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 |
| ≥ 3000 | 90.4 | 92.6 | 92.7 | 92.8 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 2500 | 91.2 | 93.5 | 93.7 | 93.8 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 2000 | 92.4 | 95.4 | 95.5 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1800 | 92.6 | 95.8 | 95.9 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1600 | 93.7 | 97.2 | 97.4 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1400 | 93.8 | 97.7 | 98.1 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1200 | 93.9 | 98.2 | 98.4 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1000 | 94.2 | 98.5 | 98.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 900 | 94.2 | 98.5 | 98.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 800 | 94.2 | 98.5 | 98.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 94.2 | 98.6 | 98.8 | 99.1 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 94.2 | 98.6 | 98.8 | 99.1 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 94.2 | 98.6 | 98.8 | 99.1 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 94.2 | 98.6 | 98.8 | 99.1 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 94.2 | 98.6 | 98.8 | 99.1 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 94.2 | 98.6 | 98.8 | 99.1 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 94.2 | 98.6 | 98.8 | 99.1 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 94.2 | 98.6 | 98.8 | 99.1 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

722665 (STATION) GYESS AFB TX (STATION NAME) 73-82 (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 | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 66.6 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 20000 | 78.1 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 18000 | 78.4 | 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 |
| ≥ 16000 | 78.4 | 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 |
| ≥ 14000 | 79.9 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 12000 | 82.4 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 10000 | 85.2 | 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 | 85.6 | 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 | 86.6 |
| ≥ 8000 | 86.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 7000 | 87.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 6000 | 88.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 5000 | 89.1 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 4500 | 90.3 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 4000 | 92.0 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 3500 | 93.2 | 95.1 | 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 |
| ≥ 3000 | 94.4 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 2500 | 95.1 | 97.2 | 97.4 | 97.5 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2000 | 95.5 | 97.7 | 98.0 | 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 |
| ≥ 1800 | 95.5 | 97.7 | 98.0 | 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 |
| ≥ 1500 | 95.9 | 98.5 | 98.7 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1200 | 96.1 | 98.7 | 98.9 | 99.0 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 96.1 | 98.8 | 99.0 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 96.1 | 98.9 | 99.1 | 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 |
| ≥ 800 | 96.1 | 98.9 | 99.1 | 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 |
| ≥ 700 | 96.1 | 98.9 | 99.1 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72266 (STATION) LYONS AFB TX (STATION NAME) 73-82 (YEARS) ALL (MONTH)

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

1500-1700 (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥5/16 | ≥¼ | 0 |
| NO CEILING | 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 | 71.5 |
| ≥ 20000 | 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 |
| ≥ 18000 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 16000 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 14000 | 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 |
| ≥ 12000 | 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 |
| ≥ 10000 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 9000 | 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 | 88.2 |
| ≥ 8000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 7000 | 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 |
| ≥ 6000 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 5000 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 4500 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 4000 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 3500 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 3000 | 98.4 | 98.5 | 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 |
| ≥ 2500 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2000 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | 99.1 | 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 |
| ≥ 1200 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 99.4 | 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 | 99.7 |
| ≥ 800 | 99.4 | 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 | 99.7 |
| ≥ 700 | 99.5 | 99.7 | 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 |
| ≥ 600 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722665 (STATION) CYESS AFB TX (STATION NAME) 73-82 (YEARS) AUG (MONTH)

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

1800-2000 (HOURS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | 0 |
| NO CEILING | 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 | 71.2 |
| ≥ 20000 | 83.2 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 18000 | 83.9 | 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 |
| ≥ 16000 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 14000 | 85.6 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 12000 | 88.2 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 10000 | 90.9 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 9000 | 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 | 91.8 |
| ≥ 8000 | 92.9 | 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 |
| ≥ 7000 | 93.9 | 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 |
| ≥ 6000 | 94.1 | 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 |
| ≥ 5000 | 95.6 | 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 | 95.8 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4000 | 97.3 | 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 | 97.6 | 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 | 98.9 | 98.9 |
| ≥ 3000 | 97.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 2500 | 97.8 | 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 | 99.1 |
| ≥ 2000 | 98.2 | 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 |
| ≥ 1800 | 98.2 | 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 |
| ≥ 1500 | 98.2 | 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 |
| ≥ 1200 | 98.2 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 98.2 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 98.2 | 99.2 | 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 |
| ≥ 800 | 98.2 | 99.2 | 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 |
| ≥ 700 | 98.2 | 99.2 | 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 |
| ≥ 600 | 98.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 98.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7226 6 DYESS AFB TX 73-82 ANNUAL
STATION STATION NAME YEARS HOURS

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

0700-2100

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 |
| NO CEILING | 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 |
| ≥ 20000 | 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 |
| ≥ 18000 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 16000 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 14000 | 87.7 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 12000 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 10000 | 91.7 | 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 | 91.8 | 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 |
| ≥ 8000 | 94.1 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 7000 | 94.6 | 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 | 95.2 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 5000 | 96.2 | 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 |
| ≥ 4500 | 96.5 | 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 | 96.5 | 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 |
| ≥ 3500 | 96.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3000 | 97.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 2500 | 97.5 | 98.6 | 98.9 | 98.9 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 2000 | 97.6 | 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 |
| ≥ 1800 | 97.6 | 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 |
| ≥ 1500 | 97.8 | 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 |
| ≥ 1200 | 98.1 | 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 |
| ≥ 1000 | 98.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 98.3 | 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 |
| ≥ 800 | 98.3 | 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 |
| ≥ 700 | 98.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 98.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 98.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 98.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.3 | 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 | 98.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

SPECIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722665 LYESS AFB TX 73-87 ALL
STATION STATION NAME YEARS MONTH

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

ALL HOUR

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥ | ≥1 | ≥1 | ≥1 | ≥ | ≥5/8 | ≥ | ≥0 |
| NO CEILING | 73.7 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 20000 | 81.2 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 18000 | 81.5 | 82.4 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 16000 | 81.6 | 82.5 | 82.6 | 82.6 | 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 | 82.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 12000 | 85.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 10000 | 88.7 | 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 | 89.6 | 89.6 |
| ≥ 9000 | 88.2 | 89.5 | 89.6 | 89.6 | 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 | 89.5 | 90.8 | 90.9 | 90.9 | 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 | 90.2 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 6000 | 90.8 | 92.3 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 5000 | 91.9 | 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 | 94.0 | 94.0 |
| ≥ 4500 | 92.5 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 4000 | 93.2 | 95.1 | 95.3 | 95.3 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 3500 | 93.8 | 95.8 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 |
| ≥ 3000 | 94.1 | 96.3 | 96.5 | 96.5 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 |
| ≥ 2500 | 94.4 | 96.6 | 96.8 | 96.8 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 2000 | 94.7 | 97.0 | 97.3 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1800 | 94.8 | 97.1 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1500 | 95.2 | 97.7 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1200 | 95.5 | 98.2 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 |
| ≥ 1000 | 95.6 | 98.5 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 95.7 | 98.7 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 95.7 | 98.7 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 95.7 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 600 | 95.7 | 98.9 | 99.1 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 95.7 | 98.9 | 99.2 | 99.3 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 95.7 | 98.9 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 95.7 | 98.9 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 95.7 | 98.9 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 95.7 | 98.9 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 95.7 | 98.9 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7990

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

72256 (STATION) WYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

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

0000-2300 (HOURS LST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥5/8 | ≥½ | ≥0 |
| NO CEILING | 74.9 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 20000 | 77.4 | 78.3 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 18000 | 77.4 | 78.3 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 16000 | 77.4 | 78.3 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 14000 | 77.9 | 78.8 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 12000 | 79.1 | 80.0 | 80.2 | 80.2 | 80.3 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 10000 | 82.3 | 83.2 | 83.4 | 83.4 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 9000 | 82.4 | 83.3 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 8000 | 83.6 | 84.8 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 7000 | 84.3 | 85.2 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 6000 | 84.1 | 85.3 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 5000 | 84.7 | 86.0 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 4500 | 85.1 | 86.4 | 87.1 | 87.1 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 4000 | 85.6 | 87.2 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 3500 | 86.2 | 87.9 | 88.6 | 88.6 | 88.8 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 3000 | 86.6 | 88.2 | 88.9 | 88.9 | 89.1 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 2500 | 87.1 | 88.8 | 89.4 | 89.4 | 89.7 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 2000 | 87.4 | 89.1 | 89.8 | 89.8 | 90.0 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 1800 | 87.6 | 89.2 | 89.9 | 89.9 | 90.1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 1500 | 88.4 | 90.3 | 91.0 | 91.0 | 91.2 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 1200 | 88.9 | 90.9 | 91.6 | 91.6 | 91.9 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 1000 | 89.8 | 91.8 | 92.4 | 92.4 | 92.8 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 900 | 90.2 | 92.7 | 93.7 | 93.7 | 94.1 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 800 | 90.2 | 92.8 | 93.8 | 93.9 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 700 | 90.2 | 93.0 | 94.0 | 94.1 | 94.9 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 600 | 90.3 | 93.1 | 94.2 | 94.3 | 95.6 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 500 | 90.3 | 93.3 | 94.7 | 95.0 | 96.4 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 400 | 90.6 | 94.0 | 95.3 | 95.8 | 97.4 | 97.8 | 98.2 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 300 | 90.7 | 94.3 | 95.8 | 96.6 | 98.3 | 98.7 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 90.7 | 94.3 | 95.8 | 96.6 | 98.7 | 99.0 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 90.7 | 94.3 | 95.8 | 96.6 | 98.7 | 99.0 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 90.7 | 94.3 | 95.8 | 96.6 | 98.7 | 99.0 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

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

0100-0500 (GMT)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅛ | ≥0 |
| NO CEILING | 71.8 | 73.7 | 74.8 | 74.3 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 20000 | 74.4 | 76.3 | 76.4 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 18000 | 74.4 | 76.3 | 76.4 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 16000 | 74.4 | 76.3 | 76.4 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 14000 | 74.8 | 76.7 | 76.8 | 77.3 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 12000 | 76.1 | 77.9 | 78.0 | 78.6 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 10000 | 78.2 | 80.1 | 80.2 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 9000 | 78.3 | 80.3 | 80.4 | 81.1 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 8000 | 79.2 | 81.2 | 81.4 | 82.3 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 7000 | 79.8 | 82.0 | 82.2 | 83.1 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 6000 | 80.1 | 82.3 | 82.6 | 83.4 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 5000 | 80.2 | 82.7 | 83.1 | 84.0 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 4500 | 80.4 | 83.0 | 83.7 | 84.6 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 4000 | 81.1 | 83.7 | 84.3 | 85.2 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 3500 | 81.7 | 84.2 | 84.9 | 85.8 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 3000 | 82.4 | 85.3 | 85.9 | 86.8 | 87.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 2500 | 82.9 | 85.4 | 86.3 | 87.2 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 2000 | 83.8 | 86.4 | 87.3 | 88.2 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 1800 | 83.8 | 86.4 | 87.3 | 88.2 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 1500 | 84.2 | 87.1 | 88.0 | 88.9 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 1200 | 84.9 | 87.8 | 88.7 | 89.6 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1000 | 85.3 | 88.4 | 89.3 | 90.2 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 900 | 85.9 | 89.1 | 90.4 | 91.7 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 800 | 86.0 | 89.3 | 90.8 | 92.3 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 700 | 86.3 | 89.7 | 91.1 | 92.9 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 600 | 86.4 | 90.2 | 91.9 | 94.1 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 500 | 86.6 | 90.8 | 92.6 | 95.1 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 400 | 86.7 | 91.0 | 93.0 | 95.8 | 97.2 | 97.8 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 300 | 86.7 | 91.1 | 93.6 | 96.6 | 98.2 | 98.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 86.7 | 91.1 | 93.6 | 96.6 | 98.2 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 86.7 | 91.1 | 93.6 | 96.6 | 98.2 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 86.7 | 91.1 | 93.6 | 96.6 | 98.2 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722565 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-0800~~ HOUR

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥5/16 | ≥¼ | 0 |
| NO CEILING | 59.1 | 61.9 | 62.3 | 62.7 | 62.8 | 62.8 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 20000 | 61.1 | 64.2 | 64.7 | 65.3 | 65.4 | 65.4 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 18000 | 61.4 | 64.6 | 65.0 | 65.7 | 65.8 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 16000 | 61.4 | 64.6 | 65.0 | 65.7 | 65.8 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 14000 | 62.2 | 65.3 | 65.8 | 66.4 | 66.6 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 12000 | 65.2 | 68.7 | 69.1 | 69.8 | 69.9 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 10000 | 67.6 | 71.3 | 71.9 | 72.4 | 72.6 | 72.6 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 9000 | 68.3 | 72.1 | 72.6 | 73.3 | 73.4 | 73.4 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 8000 | 69.6 | 73.3 | 73.8 | 74.7 | 74.8 | 74.8 | 75.0 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 7000 | 70.4 | 74.6 | 75.0 | 76.0 | 76.1 | 76.1 | 76.3 | 76.4 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 6000 | 71.3 | 75.4 | 75.9 | 76.9 | 77.0 | 77.0 | 77.2 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 5000 | 72.8 | 77.2 | 77.6 | 78.6 | 78.7 | 78.7 | 78.9 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 4500 | 73.2 | 77.7 | 78.2 | 79.2 | 79.8 | 79.8 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 4000 | 73.9 | 78.3 | 78.9 | 80.0 | 80.6 | 80.6 | 80.8 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 3500 | 74.1 | 78.8 | 79.3 | 80.4 | 81.0 | 81.0 | 81.3 | 81.4 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 3000 | 74.6 | 79.6 | 80.2 | 81.3 | 81.9 | 81.9 | 82.2 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 2500 | 75.3 | 80.4 | 81.1 | 82.2 | 82.8 | 82.8 | 83.1 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 2000 | 76.4 | 82.1 | 82.8 | 83.9 | 84.4 | 84.4 | 84.8 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 1800 | 77.3 | 82.7 | 83.3 | 84.4 | 85.0 | 85.0 | 85.3 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 1500 | 77.9 | 84.0 | 84.8 | 85.9 | 86.4 | 86.4 | 86.8 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 1200 | 79.2 | 85.4 | 86.3 | 87.4 | 88.0 | 88.0 | 88.3 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 1000 | 79.9 | 86.7 | 87.7 | 88.8 | 89.6 | 89.6 | 89.9 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 900 | 80.0 | 87.8 | 88.8 | 90.1 | 91.1 | 91.2 | 91.6 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 800 | 80.0 | 87.8 | 88.9 | 90.4 | 91.4 | 91.6 | 91.9 | 92.0 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 700 | 80.1 | 88.1 | 89.3 | 91.1 | 92.1 | 92.2 | 92.6 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 600 | 80.1 | 88.4 | 89.9 | 92.6 | 93.8 | 93.9 | 94.4 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 500 | 80.4 | 89.2 | 91.3 | 94.0 | 95.2 | 95.3 | 95.9 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 400 | 80.4 | 89.6 | 91.7 | 94.6 | 95.9 | 96.1 | 97.1 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 300 | 80.6 | 90.1 | 92.4 | 95.6 | 97.0 | 97.2 | 98.3 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 80.6 | 90.1 | 92.4 | 95.6 | 97.0 | 97.2 | 98.6 | 99.1 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 80.6 | 90.1 | 92.4 | 95.6 | 97.0 | 97.2 | 98.6 | 99.1 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 80.6 | 90.1 | 92.4 | 95.6 | 97.0 | 97.2 | 98.6 | 99.1 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

72266 DYESS AFB TX 73-82 SEP

STATION STATION NAME YEARS MONTH

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

0900-1100
HOUR

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 | |
| NO CEILING | 61.1 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 20000 | 64.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 18000 | 64.3 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 17000 | 64.4 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 14000 | 66.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 12000 | 69.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 10000 | 71.8 | 74.3 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 9000 | 72.9 | 75.4 | 75.7 | 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 |
| ≥ 8000 | 74.3 | 77.0 | 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 |
| ≥ 7000 | 75.1 | 78.2 | 78.4 | 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 |
| ≥ 6000 | 75.3 | 78.8 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 5000 | 75.9 | 79.4 | 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 |
| ≥ 4500 | 76.3 | 79.9 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 4000 | 77.2 | 80.9 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 3500 | 78.2 | 82.3 | 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 |
| ≥ 3000 | 78.8 | 83.3 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 2500 | 80.1 | 85.1 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 2000 | 81.1 | 86.3 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 1800 | 81.9 | 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 |
| ≥ 1500 | 82.7 | 88.6 | 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 |
| ≥ 1200 | 84.2 | 90.9 | 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 |
| ≥ 1000 | 84.4 | 91.7 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 900 | 84.4 | 92.3 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 800 | 84.6 | 92.6 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 700 | 84.7 | 93.1 | 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 |
| ≥ 600 | 85.0 | 94.1 | 95.3 | 95.6 | 95.7 | 95.7 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 500 | 85.0 | 94.4 | 95.7 | 96.8 | 96.9 | 97.0 | 97.7 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 400 | 85.0 | 94.7 | 96.0 | 97.1 | 97.2 | 97.3 | 98.0 | 98.0 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 85.0 | 94.7 | 96.2 | 97.4 | 97.6 | 97.7 | 98.3 | 99.0 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 85.0 | 94.7 | 96.2 | 97.4 | 97.7 | 97.8 | 98.4 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 85.1 | 94.7 | 96.2 | 97.4 | 97.7 | 97.8 | 98.4 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 85.1 | 94.7 | 96.2 | 97.4 | 97.7 | 97.8 | 98.4 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7225 65 — DYESS AFB TX — 73-82 — SEP

STATION — STATION NAME — YEARS — MONTH

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

12-P=1400

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | <¼ |
| NO CEILING | 61.7 | 62.1 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 20000 | 62.2 | 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 |
| ≥ 18000 | 68.2 | 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 |
| ≥ 16000 | 68.2 | 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 |
| ≥ 14000 | 69.9 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 12000 | 72.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 10000 | 74.9 | 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 |
| ≥ 9000 | 75.4 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 8000 | 78.2 | 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 |
| ≥ 7000 | 79.1 | 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 | 80.3 |
| ≥ 6000 | 79.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 5000 | 80.3 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 4500 | 81.0 | 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 |
| ≥ 4000 | 82.9 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 3500 | 84.8 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 3000 | 86.2 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 2500 | 87.2 | 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 |
| ≥ 2000 | 88.3 | 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 |
| ≥ 1800 | 88.4 | 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 |
| ≥ 1500 | 89.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1200 | 90.0 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1000 | 90.3 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 900 | 90.6 | 95.1 | 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 |
| ≥ 800 | 90.8 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 700 | 90.8 | 96.4 | 96.7 | 96.7 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 600 | 90.9 | 97.1 | 97.3 | 97.7 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 500 | 90.9 | 97.4 | 97.8 | 98.4 | 98.7 | 98.7 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 90.9 | 97.4 | 97.9 | 98.6 | 98.8 | 98.8 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 90.9 | 97.4 | 97.9 | 98.6 | 98.8 | 98.8 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 90.9 | 97.4 | 97.9 | 98.6 | 98.8 | 98.8 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 90.9 | 97.4 | 97.9 | 98.6 | 98.8 | 98.8 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 90.9 | 97.4 | 97.9 | 98.6 | 98.8 | 98.8 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

7-24 OCT | YESS AFB TX (STATION NAME) | 73-82 (YEARS) | GMT

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1500-1700

VISIBILITY (STATUTE MILES)

| CEILING (FEET) | ≥10 | 9 | 8 | 7 | 6 | 5 | 4 | 3½ | 3 | 2½ | 2 | 1½ | 1¼ | 1 | ½ | <½ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥20000 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| 15000 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| 10000 | 71.4 | 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 |
| 9000 | 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 | 71.8 |
| 8000 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| 7000 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| 6000 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| 5000 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| 4500 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 4000 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 3500 | 82.9 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| 3000 | 85.4 | 85.7 | 85.7 | 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 |
| 2500 | 86.1 | 86.3 | 86.5 | 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 |
| 2000 | 86.9 | 87.4 | 87.8 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| 1800 | 87.7 | 88.2 | 88.6 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| 1500 | 89.1 | 89.9 | 90.4 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| 1200 | 89.8 | 90.3 | 91.0 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 1000 | 91.1 | 91.9 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| 900 | 91.7 | 92.4 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| 800 | 92.1 | 93.7 | 94.6 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 700 | 93.2 | 94.2 | 95.1 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 600 | 93.6 | 94.8 | 95.7 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 500 | 93.9 | 95.1 | 96.1 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 400 | 93.9 | 95.4 | 96.4 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 300 | 94.1 | 95.7 | 96.9 | 97.3 | 97.3 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 200 | 94.3 | 96.0 | 97.1 | 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 |
| 100 | 94.4 | 96.6 | 97.7 | 98.4 | 98.7 | 98.7 | 99.0 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 0 | 94.4 | 96.6 | 97.7 | 98.4 | 98.7 | 98.7 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| M | 94.4 | 96.6 | 97.7 | 98.4 | 98.7 | 98.7 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 94.4 | 96.6 | 97.7 | 98.4 | 98.7 | 98.7 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 94.4 | 96.6 | 97.7 | 98.4 | 98.7 | 98.7 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 94.4 | 96.6 | 97.7 | 98.4 | 98.7 | 98.7 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72265 KYESS AFB TX 73-82
STATION STATION NAME YEARS

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥ | ≥1 | ≥ | | | ≥ | ≥3 | | ≥ |
| | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| | 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 | 74.2 |
| | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| | 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 | 75.9 |
| | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| | 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 | 81.3 | 81.3 |
| | 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 | 82.1 |
| | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| | 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 | 86.0 | 86.0 |
| | 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 | 86.8 |
| | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| | 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 | 89.6 |
| | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| | 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 |
| | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| | 95.1 | 95.1 | 95.4 | 95.4 | 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 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 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 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| | 96.8 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| | 96.8 | 96.8 | 97.2 | 97.2 | 97.2 | 97.2 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| | 97.1 | 97.1 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| | 97.9 | 98.0 | 98.4 | 98.4 | 98.4 | 98.7 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| | 97.9 | 98.0 | 98.4 | 98.4 | 98.4 | 98.7 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 97.9 | 98.0 | 98.4 | 98.4 | 98.4 | 98.7 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 97.9 | 98.0 | 98.4 | 98.4 | 98.4 | 98.7 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 97.9 | 98.0 | 98.4 | 98.4 | 98.4 | 98.7 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

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

# CEILING VERSUS VISIBILITY

...26 6... WYES AFB TX 73-82
STATION STATION NAME YEARS

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

...-MAR-2000

...NDED STATUTE MILES

| CEILING IN FEET | ≥10 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2½ | 2 | 1½ | 1 | ¾ | ½ | ¼ | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ...000 | 71.1 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ...000 | 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 | 77.4 |
| ...000 | 76.8 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ...000 | 76.8 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ...000 | 77.2 | 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 |
| ...000 | 79.4 | 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 | 80.2 |
| ...000 | 81.9 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ...000 | 82.7 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ...000 | 83.7 | 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 | 84.7 |
| ...000 | 84.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| 5000 | 84.6 | 85.7 | 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 | 86.0 |
| ...000 | 86.2 | 87.6 | 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 |
| 4500 | 86.7 | 88.0 | 88.6 | 88.6 | 88.8 | 88.8 | 88.9 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| 4000 | 87.2 | 89.1 | 89.7 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 3500 | 88.4 | 91.6 | 91.1 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 3000 | 88.6 | 90.7 | 91.2 | 91.3 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| 2500 | 89.1 | 91.4 | 92.0 | 92.1 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 2200 | 89.3 | 91.9 | 92.4 | 92.6 | 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 |
| 2000 | 89.4 | 92.0 | 92.6 | 92.7 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 1800 | 90.2 | 92.8 | 93.4 | 93.6 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 1600 | 90.2 | 93.0 | 93.8 | 93.9 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| 1400 | 90.7 | 93.4 | 94.2 | 94.3 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 1200 | 90.8 | 94.1 | 94.9 | 95.1 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| 1000 | 91.2 | 94.7 | 95.4 | 95.7 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 900 | 91.4 | 95.1 | 96.0 | 96.2 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 800 | 91.3 | 95.8 | 97.1 | 97.2 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 700 | 92.1 | 96.7 | 97.9 | 98.1 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 600 | 92.1 | 97.0 | 98.2 | 98.4 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 500 | 92.1 | 97.1 | 98.3 | 98.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 400 | 92.1 | 97.1 | 98.3 | 98.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 300 | 92.1 | 97.1 | 98.3 | 98.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 99.9 |
| 200 | 92.1 | 97.1 | 98.3 | 98.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS ...

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722165 — STATION — DYESS AFB TX — STATION NAME — 73-82 — YEARS — ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥ | ≥ | ≥ | ≥ |
| NO CEILING | 65.9 | 67.0 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥20000 | 72.9 | 72.1 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 8000 | 71.1 | 72.2 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 6000 | 71.1 | 72.3 | 72.3 | 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 |
| ≥ 4000 | 72.3 | 73.5 | 73.6 | 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 |
| ≥ 3000 | 74.2 | 75.5 | 75.6 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 2000 | 77.1 | 78.5 | 78.7 | 78.8 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 1500 | 77.7 | 79.2 | 79.3 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 1000 | 79.3 | 80.8 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 800 | 80.1 | 81.6 | 82.0 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 600 | 80.9 | 82.3 | 82.6 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 500 | 81.7 | 83.7 | 84.1 | 84.3 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 400 | 82.2 | 84.2 | 84.6 | 84.9 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 300 | 83.1 | 85.3 | 85.8 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 200 | 83.9 | 86.4 | 86.9 | 87.2 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 150 | 84.7 | 87.2 | 87.8 | 88.1 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 100 | 85.4 | 88.0 | 88.6 | 89.0 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 70 | 86.2 | 89.1 | 89.7 | 90.2 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 50 | 86.5 | 89.4 | 90.1 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 30 | 87.1 | 90.4 | 91.2 | 91.5 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 20 | 88.1 | 91.3 | 92.1 | 92.5 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 15 | 88.4 | 92.1 | 92.9 | 93.2 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 10 | 88.6 | 92.6 | 93.6 | 94.0 | 94.4 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 7 | 88.9 | 92.9 | 93.9 | 94.4 | 94.8 | 94.9 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 5 | 88.9 | 93.3 | 94.3 | 94.9 | 95.4 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 3 | 89.1 | 93.8 | 94.8 | 95.6 | 96.4 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 2 | 89.1 | 94.3 | 95.7 | 96.7 | 97.5 | 97.6 | 97.9 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1 | 89.1 | 94.5 | 96.1 | 97.1 | 97.9 | 98.1 | 98.6 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 0 | 89.3 | 94.7 | 96.2 | 97.5 | 98.3 | 98.5 | 99.1 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| VAR | 89.3 | 94.7 | 96.2 | 97.5 | 99.4 | 98.6 | 99.2 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 89.3 | 94.7 | 96.2 | 97.5 | 98.4 | 98.6 | 99.2 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 89.3 | 94.7 | 96.2 | 97.5 | 98.4 | 98.6 | 99.2 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

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

72265 — STATION — CYS'S AFB TY — STATION NAME — 73-87 — YEARS — OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) — 0000-2200 — GMT

| CEILING (FEET) | VISIBILITY (STATUTE MILES) ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥UNL | 73.8 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥20000 | 77.4 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥18000 | 77.7 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥16000 | 77.7 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥14000 | 78.2 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥12000 | 79.4 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥10000 | 81.3 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥9000 | 81.3 | 82.0 | 82.0 | 82.0 | 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 | 82.3 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥7000 | 83.1 | 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 | 84.0 | 84.0 |
| ≥6000 | 83.2 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥5000 | 85.1 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥4500 | 85.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥4000 | 88.3 | 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 | 89.5 | 89.5 |
| ≥3500 | 88.9 | 90.1 | 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 |
| ≥3000 | 89.8 | 91.1 | 91.1 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥2500 | 90.8 | 92.2 | 92.5 | 92.6 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥2200 | 91.3 | 92.4 | 92.7 | 92.8 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥2000 | 91.2 | 92.6 | 92.9 | 93.0 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥1800 | 91.6 | 93.2 | 93.5 | 93.8 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥1700 | 91.9 | 94.1 | 94.3 | 94.5 | 94.8 | 94.8 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥1600 | 92.4 | 94.4 | 94.7 | 94.9 | 95.3 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥1500 | 92.4 | 94.7 | 95.1 | 95.3 | 95.6 | 95.6 | 95.7 | 95.8 | 95.9 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 |
| ≥1400 | 92.6 | 94.9 | 95.7 | 95.9 | 96.2 | 96.2 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥1300 | 92.7 | 95.2 | 96.2 | 96.6 | 96.9 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥1200 | 92.7 | 95.5 | 96.9 | 97.2 | 97.5 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥1100 | 92.7 | 95.7 | 97.2 | 97.6 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥1000 | 92.9 | 96.0 | 97.8 | 98.4 | 99.0 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥900 | 92.9 | 96.0 | 97.8 | 98.4 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥800 | 92.8 | 96.1 | 98.0 | 98.5 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥700 | 92.8 | 96.1 | 98.1 | 98.5 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 |
| ≥600 | 92.8 | 96.1 | 98.1 | 98.5 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72265 WYNNE AFB AR (STATION / STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

0300-0500

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥ 5/16 | ≥¼ | ≥0 |
| NO CEILING | 72.4 | 73.0 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 20000 | 77.2 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 18000 | 77.2 | 78.0 | 78.0 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 6000 | 77.2 | 78.0 | 78.0 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 4000 | 77.5 | 78.3 | 78.3 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 3000 | 78.9 | 79.7 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 2500 | 80.1 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 2000 | 80.1 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 1800 | 81.7 | 82.4 | 82.4 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 1500 | 82.3 | 83.1 | 83.1 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 1200 | 82.4 | 83.2 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 1000 | 83.1 | 84.2 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 900 | 84.4 | 85.3 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 800 | 86.5 | 87.3 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 700 | 87.1 | 88.0 | 88.2 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 600 | 88.5 | 89.5 | 89.8 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 500 | 89.5 | 90.8 | 91.1 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 400 | 89.9 | 91.4 | 91.7 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 300 | 90.1 | 91.7 | 92.0 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 200 | 90.7 | 91.8 | 92.2 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 100 | 90.5 | 92.3 | 92.6 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 000 | 91.6 | 93.4 | 93.8 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| | 91.7 | 94.2 | 94.5 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| | 91.8 | 94.5 | 94.8 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| | 91.9 | 94.6 | 95.3 | 96.1 | 96.2 | 96.3 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| | 91.9 | 94.8 | 95.6 | 96.5 | 96.6 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| | 92.3 | 95.2 | 95.9 | 96.8 | 96.9 | 97.0 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| | 92.4 | 95.4 | 96.2 | 97.5 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| | 92.4 | 95.4 | 96.2 | 97.6 | 98.2 | 98.3 | 98.6 | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 |
| | 92.4 | 95.4 | 96.2 | 97.6 | 98.2 | 98.3 | 98.9 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| | 92.4 | 95.4 | 96.2 | 97.6 | 98.2 | 98.3 | 98.9 | 99.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 |
| | 92.4 | 95.4 | 96.2 | 97.6 | 98.2 | 98.3 | 98.9 | 99.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72266 STATION | LUKE AFB AZ STATION NAME | 73-82 YEARS | JUL MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0800

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | <¼ |
| NO CEILING | 65.6 | 67.4 | 67.5 | 68.0 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 20000 | 69.1 | 71.1 | 71.1 | 71.5 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 18000 | 69.1 | 71.1 | 71.2 | 71.6 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 14000 | 69.1 | 71.1 | 71.2 | 71.6 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 12000 | 69.7 | 71.6 | 71.7 | 72.2 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 10000 | 71.9 | 74.0 | 74.1 | 74.5 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 9000 | 73.9 | 76.1 | 76.2 | 76.7 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 8000 | 73.9 | 76.1 | 76.2 | 76.7 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 7000 | 75.3 | 77.7 | 77.8 | 78.3 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 6000 | 75.5 | 78.2 | 78.3 | 78.7 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 5000 | 76.2 | 79.2 | 79.4 | 79.8 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 4500 | 77.8 | 80.9 | 81.1 | 81.4 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 4000 | 78.7 | 81.7 | 81.8 | 82.3 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 3500 | 80.4 | 83.5 | 83.8 | 84.2 | 84.4 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 3000 | 81.7 | 85.1 | 85.3 | 85.7 | 85.9 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 2500 | 82.7 | 86.3 | 86.2 | 86.7 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 2000 | 83.2 | 86.9 | 87.1 | 87.5 | 87.7 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 1800 | 84.4 | 88.3 | 88.5 | 89.0 | 89.2 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 1600 | 84.6 | 88.5 | 88.7 | 89.2 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 1500 | 85.5 | 89.6 | 89.8 | 90.3 | 90.5 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 1400 | 86.2 | 90.6 | 90.9 | 91.4 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 1200 | 86.9 | 91.5 | 91.8 | 92.6 | 92.8 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 1000 | 87.3 | 92.5 | 92.8 | 93.5 | 93.8 | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 900 | 87.5 | 92.7 | 93.2 | 94.3 | 94.5 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 800 | 87.6 | 92.9 | 93.5 | 94.8 | 95.3 | 95.5 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 700 | 87.8 | 93.2 | 94.1 | 95.4 | 95.9 | 96.1 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 600 | 87.8 | 93.2 | 94.2 | 95.6 | 96.2 | 96.5 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 500 | 87.9 | 93.4 | 94.5 | 96.2 | 97.0 | 97.2 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 400 | 87.8 | 93.5 | 94.8 | 96.6 | 97.3 | 97.5 | 98.2 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 300 | 87.8 | 93.5 | 94.8 | 96.7 | 97.5 | 97.7 | 98.4 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 87.9 | 93.5 | 94.8 | 96.7 | 97.5 | 97.7 | 98.4 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 87.8 | 93.5 | 94.8 | 96.7 | 97.5 | 97.7 | 98.4 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722565 — CYESS AFB TX (STATION NAME) — 73-82 (YEARS) — OCT (MONTH)

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

0930-1130 (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ¾ | ½ | ≥5/16 | ¼ | 0 |
| NO CEILING | 65.2 | 66.5 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 20000 | 69.6 | 70.9 | 71.1 | 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 | 69.9 | 71.2 | 71.3 | 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 |
| ≥ 9000 | 70.3 | 71.3 | 71.4 | 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 |
| ≥ 4000 | 70.9 | 72.2 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 2000 | 73.5 | 74.8 | 74.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 10000 | 76.1 | 77.4 | 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 |
| ≥ 9000 | 76.2 | 77.5 | 77.6 | 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 |
| ≥ 8000 | 77.3 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 7000 | 77.5 | 78.9 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 6000 | 78.4 | 79.8 | 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 |
| ≥ 5000 | 79.6 | 81.2 | 81.3 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 4500 | 80.3 | 81.7 | 81.8 | 82.0 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 4000 | 81.1 | 83.3 | 83.5 | 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 |
| ≥ 3500 | 82.3 | 84.3 | 84.5 | 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 |
| ≥ 3000 | 83.2 | 85.3 | 85.6 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 2500 | 84.6 | 86.8 | 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 | 87.5 |
| ≥ 2000 | 86.1 | 88.3 | 88.6 | 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 |
| ≥ 1800 | 86.7 | 89.0 | 89.4 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 1500 | 87.8 | 90.6 | 91.3 | 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 |
| ≥ 1200 | 89.5 | 92.6 | 93.2 | 93.4 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1000 | 89.9 | 93.7 | 94.4 | 94.7 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 900 | 90.2 | 94.2 | 94.9 | 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 |
| ≥ 800 | 90.3 | 94.4 | 95.3 | 95.7 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 700 | 90.4 | 94.6 | 95.5 | 95.9 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 600 | 90.9 | 95.3 | 96.2 | 97.1 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 500 | 91.7 | 95.5 | 96.5 | 97.5 | 98.2 | 98.5 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 400 | 91.1 | 95.7 | 96.7 | 97.7 | 98.5 | 98.6 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 91.1 | 95.8 | 96.9 | 98.0 | 98.7 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 91.1 | 95.8 | 96.9 | 98.0 | 98.7 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 91.1 | 95.8 | 96.9 | 98.0 | 98.7 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0 | 91.1 | 95.8 | 96.9 | 98.0 | 98.7 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

72266 DYESS AFB TX 73-87 OCT 1200-1400

STATION STATION NAME YEARS MONTH HOUR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 69.4 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 20000 | 74.4 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 18000 | 74.6 | 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 |
| ≥ 16000 | 74.7 | 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 |
| ≥ 14000 | 76.3 | 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 |
| ≥ 12000 | 78.4 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 10000 | 80.1 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 9000 | 80.4 | 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 |
| ≥ 8000 | 82.2 | 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 |
| ≥ 7000 | 82.6 | 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 |
| ≥ 6000 | 82.8 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 5000 | 84.6 | 86.1 | 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 |
| ≥ 4500 | 84.9 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 4000 | 86.1 | 87.7 | 87.8 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 3500 | 86.5 | 88.5 | 88.6 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 3000 | 88.7 | 90.9 | 91.0 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 2500 | 89.6 | 91.7 | 91.8 | 92.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 2000 | 90.4 | 92.6 | 92.7 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1800 | 90.8 | 92.9 | 93.0 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1500 | 91.3 | 93.7 | 93.9 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1200 | 92.7 | 94.5 | 94.7 | 94.9 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1000 | 92.9 | 95.5 | 95.7 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 900 | 93.0 | 96.2 | 96.5 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 800 | 93.0 | 96.8 | 97.0 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 700 | 93.1 | 97.0 | 97.2 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 600 | 93.4 | 97.4 | 97.6 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 93.4 | 97.8 | 98.2 | 98.8 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 93.4 | 97.8 | 98.2 | 98.8 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 93.5 | 98.0 | 98.4 | 99.0 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 93.5 | 98.0 | 98.4 | 99.0 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 93.5 | 98.0 | 98.4 | 99.0 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 93.5 | 98.0 | 98.4 | 99.0 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72265 DYESS AFB TX 73-82 OCT
STATION STATION NAME YEARS MONTH

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

1500-1700
HOUR

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 69.5 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 20000 | 76.1 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 18000 | 76.9 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 16000 | 76.5 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 14000 | 77.2 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 12000 | 79.4 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 10000 | 80.8 | 82.3 | 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 |
| ≥ 9000 | 80.9 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 8000 | 83.3 | 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 |
| ≥ 7000 | 83.9 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 6000 | 84.3 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 5000 | 85.8 | 87.6 | 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 |
| ≥ 4500 | 86.3 | 88.2 | 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 |
| ≥ 4000 | 88.1 | 89.9 | 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 |
| ≥ 3500 | 88.6 | 90.4 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 3000 | 89.5 | 91.4 | 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 |
| ≥ 2500 | 89.7 | 91.6 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 2000 | 90.1 | 92.2 | 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 |
| ≥ 1800 | 90.9 | 92.8 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1500 | 91.7 | 94.2 | 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 |
| ≥ 1200 | 92.7 | 95.6 | 95.9 | 96.0 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1000 | 93.1 | 96.1 | 96.6 | 96.7 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 900 | 93.4 | 96.6 | 97.0 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | 93.4 | 96.7 | 97.1 | 97.2 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 700 | 93.5 | 96.8 | 97.2 | 97.4 | 97.7 | 97.8 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 600 | 93.5 | 97.0 | 97.4 | 97.6 | 98.1 | 98.2 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 93.7 | 97.4 | 97.8 | 98.2 | 98.6 | 98.7 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 93.7 | 97.5 | 99.0 | 98.3 | 98.7 | 98.8 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 93.9 | 97.7 | 98.2 | 98.5 | 99.0 | 99.1 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 93.9 | 97.7 | 98.2 | 98.5 | 99.0 | 99.1 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 93.9 | 97.7 | 98.2 | 98.5 | 99.0 | 99.1 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 93.9 | 97.7 | 98.2 | 98.5 | 99.0 | 99.1 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

7006 65 LYESS AFB TX 73-82 OCT
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1980-2000

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥ | ≥ | ≥ | ≥5/8 | ≥ | ≥ |
| NO CEILING | 73.9 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 20000 | 79.5 | 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 |
| ≥ 18000 | 79.9 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 16000 | 79.8 | 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 | 80.3 | 80.3 |
| ≥ 14000 | 80.2 | 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 |
| ≥ 12000 | 82.2 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 10000 | 84.1 | 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 | 84.8 |
| ≥ 9000 | 84.7 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 8000 | 86.0 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 7000 | 86.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 6000 | 86.6 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 5000 | 88.1 | 89.4 | 89.5 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 4500 | 88.5 | 89.8 | 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 |
| ≥ 4000 | 89.7 | 91.0 | 91.1 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 3500 | 89.7 | 91.0 | 91.1 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 3000 | 90.8 | 92.2 | 92.3 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 2500 | 91.3 | 92.7 | 92.8 | 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 |
| ≥ 2000 | 92.2 | 93.5 | 93.8 | 93.9 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1800 | 92.4 | 93.8 | 94.0 | 94.1 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 1500 | 93.1 | 94.7 | 95.2 | 95.3 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1200 | 93.7 | 95.7 | 96.1 | 96.2 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | 93.7 | 96.1 | 96.6 | 96.7 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 900 | 94.0 | 96.5 | 97.1 | 97.2 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 800 | 94.0 | 96.6 | 97.2 | 97.5 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 700 | 94.0 | 96.8 | 97.4 | 98.0 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 94.1 | 96.9 | 97.5 | 98.1 | 98.7 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 94.1 | 97.1 | 98.1 | 98.5 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 94.1 | 97.3 | 98.2 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 94.1 | 97.3 | 98.2 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 94.1 | 97.3 | 98.2 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 94.1 | 97.3 | 98.2 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 94.1 | 97.3 | 98.2 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7226 65 — STATION
LYCES AFB TX — STATION NAME
73-82 — YEARS
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1100-2300~~ — HOUR

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | <¼ |
| NO CEILING | 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 | 75.9 |
| ≥ 20000 | 79.2 | 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 |
| ≥ 18000 | 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 | 79.8 |
| ≥ 6500 | 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 | 79.8 |
| ≥ 14000 | 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 | 80.3 | 80.3 | 80.3 |
| ≥ 5000 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 12000 | 83.1 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 9000 | 83.8 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 8000 | 84.5 | 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 | 84.6 | 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 | 84.6 | 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 | 85.2 |
| ≥ 5000 | 87.1 | 88.1 | 88.1 | 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 |
| ≥ 4500 | 87.4 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 4000 | 89.3 | 90.3 | 90.3 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 3500 | 90.6 | 91.8 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 3000 | 91.2 | 92.4 | 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 |
| ≥ 2500 | 91.9 | 93.2 | 93.2 | 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 |
| ≥ 2000 | 92.2 | 93.8 | 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 |
| ≥ 1800 | 92.2 | 93.8 | 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 |
| ≥ 1500 | 92.5 | 94.6 | 94.7 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1200 | 92.9 | 95.3 | 95.4 | 95.5 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1000 | 93.3 | 95.7 | 95.8 | 95.9 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 900 | 93.5 | 96.5 | 96.6 | 96.7 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 800 | 93.9 | 96.8 | 96.9 | 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 |
| ≥ 700 | 93.8 | 96.8 | 97.4 | 97.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 600 | 93.9 | 96.9 | 97.7 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 93.9 | 96.9 | 98.1 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 93.9 | 97.2 | 98.4 | 98.9 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 93.9 | 97.2 | 98.4 | 99.0 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 93.9 | 97.2 | 98.4 | 99.0 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 93.9 | 97.2 | 98.4 | 99.0 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 93.9 | 97.2 | 98.4 | 99.0 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722560 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEAR) ALL

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

ALL

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥0 |
| NO CEILING | 70.6 | 71.5 | 71.5 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 20000 | 75.3 | 76.2 | 76.2 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 18000 | 75.6 | 76.4 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 14000 | 75.6 | 76.5 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 12000 | 76.3 | 77.2 | 77.2 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 10000 | 78.1 | 79.0 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 9000 | 78.9 | 81.0 | 81.0 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 8000 | 80.3 | 81.2 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 7000 | 81.5 | 82.7 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 6000 | 82.1 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 5000 | 82.3 | 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 |
| ≥ 4500 | 83.9 | 85.4 | 85.5 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 4000 | 84.5 | 86.1 | 86.1 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 3500 | 86.2 | 87.8 | 87.9 | 88.1 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 3000 | 86.9 | 88.6 | 88.8 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 2500 | 88.1 | 89.8 | 90.0 | 90.2 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 2200 | 88.9 | 91.7 | 91.9 | 91.1 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 2000 | 89.5 | 91.5 | 91.8 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 1800 | 89.8 | 91.9 | 92.1 | 92.3 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1600 | 90.3 | 92.8 | 93.1 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 1400 | 91.2 | 93.8 | 94.1 | 94.4 | 94.6 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1200 | 91.7 | 94.6 | 94.9 | 95.2 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1000 | 91.9 | 95.2 | 95.6 | 95.9 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 900 | 92.1 | 95.4 | 95.9 | 96.3 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 800 | 92.1 | 95.6 | 96.2 | 96.8 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 92.3 | 95.9 | 96.6 | 97.3 | 97.6 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 600 | 92.3 | 96.1 | 97.0 | 97.7 | 98.2 | 98.3 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 92.4 | 96.3 | 97.2 | 98.1 | 98.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 92.4 | 96.4 | 97.4 | 98.2 | 98.8 | 99.0 | 99.3 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 92.4 | 96.4 | 97.4 | 98.3 | 98.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 92.4 | 96.4 | 97.4 | 98.3 | 98.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.91 | 100.0 |
| ≥ 100 | 92.4 | 96.4 | 97.4 | 98.3 | 98.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.91 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72265 WYE AFB TX 73-82 [illegible]
STATION STATION NAME YEAR MONTH

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

[illegible]

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | [illegible] | [illegible] |
| NO CEILING | 71.7 | 72.3 | 72.7 | 72.8 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 20000 | 74.8 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 12000 | 74.9 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 8000 | 74.9 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 5000 | 75.1 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 4000 | 75.7 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 3500 | 77.6 | 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 |
| ≥ 3000 | 77.6 | 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 |
| ≥ 2500 | 79.7 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 2000 | 79.7 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 1800 | 79.1 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.9 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 1500 | 80.1 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 1200 | 81.6 | 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 | 82.9 |
| ≥ 1000 | 82.1 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 900 | 83.1 | 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 |
| ≥ 800 | 83.6 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 700 | 84.7 | 86.0 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 600 | 86.1 | 87.4 | 87.6 | 87.6 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 500 | 86.6 | 87.9 | 88.0 | 88.0 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 400 | 87.3 | 89.3 | 89.4 | 89.4 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 300 | 88.3 | 90.4 | 90.8 | 90.8 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 200 | 88.9 | 91.1 | 91.6 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 100 | 89.4 | 92.3 | 92.8 | 92.8 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| 0 | 89.9 | 93.0 | 93.4 | 93.4 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 700 | 90.0 | 93.6 | 94.1 | 94.1 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 600 | 90.1 | 93.9 | 94.7 | 94.7 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 500 | 90.1 | 93.9 | 95.1 | 95.4 | 96.1 | 96.1 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 400 | 90.1 | 93.9 | 95.1 | 95.6 | 96.3 | 96.3 | 96.6 | 96.6 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 300 | 90.1 | 93.9 | 95.1 | 95.7 | 96.8 | 96.8 | 97.0 | 97.7 | 98.0 | 98.3 | 98.4 | 98.4 | 98.4 | 98.7 | 98.7 |
| ≥ 200 | 90.1 | 93.9 | 95.1 | 95.7 | 96.8 | 96.8 | 97.1 | 98.0 | 98.3 | 98.7 | 99.0 | 99.1 | 99.2 | 99.2 | 99.4 |
| ≥ 100 | 90.1 | 93.9 | 95.1 | 95.7 | 96.8 | 96.8 | 97.1 | 98.0 | 98.3 | 98.7 | 99.0 | 99.3 | 99.7 | 99.7 | 99.9 |
| 0 | 90.1 | 93.9 | 95.1 | 95.7 | 96.8 | 96.8 | 97.1 | 98.1 | 98.3 | 98.7 | 99.0 | 99.3 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722 60 — STATION — LYONS AFB TX — STATION NAME — 73-80 — YEARS — NOV — MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1973-1980

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅛ | 0 | | |
| ≥22000 | 65.2 | 68.8 | 68.9 | 68.6 | 68.6 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 |
| 20000 | 71.2 | 71.6 | 71.8 | 71.6 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 |
| 18000 | 71.2 | 71.8 | 71.9 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 |
| 16000 | 71.2 | 71.8 | 71.8 | 71.6 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 |
| 14000 | 71.2 | 71.8 | 71.9 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 |
| 12000 | 72.4 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 73.0 | 73.0 |
| 10000 | 73.6 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.6 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 |
| 9000 | 73.8 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 |
| 8000 | 75.4 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 |
| 7000 | 75.4 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 |
| 6000 | 75.7 | 76.4 | 76.4 | 76.4 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 |
| 5000 | 77.1 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 |
| 4500 | 78.1 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 |
| 4000 | 79.3 | 80.2 | 80.2 | 80.3 | 80.4 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 |
| 3500 | 80.1 | 80.9 | 80.9 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 |
| 3000 | 80.6 | 81.4 | 81.4 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 |
| 2500 | 81.9 | 82.8 | 82.9 | 83.0 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 |
| 2000 | 84.1 | 84.9 | 85.1 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 |
| 1800 | 84.1 | 84.9 | 85.1 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 |
| 1600 | 85.3 | 87.0 | 87.2 | 87.3 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 |
| 1400 | 87.2 | 88.6 | 89.0 | 89.1 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 |
| 1200 | 88.1 | 89.6 | 89.9 | 90.1 | 90.4 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 |
| 1000 | 88.6 | 90.6 | 91.0 | 91.2 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 |
| 900 | 89.1 | 91.4 | 91.9 | 92.2 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 |
| 800 | 89.1 | 91.4 | 92.1 | 92.6 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 |
| 700 | 89.1 | 91.7 | 92.4 | 93.3 | 94.2 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 |
| 600 | 89.3 | 92.0 | 93.1 | 94.4 | 95.6 | 95.6 | 95.9 | 96.1 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 |
| 500 | 89.3 | 92.0 | 93.6 | 95.2 | 96.4 | 96.4 | 96.8 | 97.3 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 |
| 400 | 89.3 | 92.0 | 93.6 | 95.2 | 96.7 | 96.7 | 97.3 | 98.0 | 98.1 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 |
| 300 | 89.3 | 92.0 | 93.6 | 95.2 | 96.7 | 96.7 | 97.4 | 98.4 | 98.6 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 |
| 200 | 89.3 | 92.0 | 93.6 | 95.2 | 96.8 | 96.8 | 97.6 | 98.6 | 98.7 | 99.2 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 |
| 100 | 89.3 | 92.0 | 93.6 | 95.2 | 96.8 | 96.8 | 97.6 | 98.6 | 98.7 | 99.2 | 99.4 | 99.6 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 920

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

CL[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] YEES AFB TX 73-82 [illegible]
STATION STATION NAME YEAR

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥ | ≥ | ≥ | | | | | | | |
| [illegible] | 62.2 | 64.3 | 64.4 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.[illegible] | 64.9 | 64.9 | 64.9 | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | 66.3 | 68.4 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.7 |
| [illegible] | 66.3 | 68.4 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.7 |
| [illegible] | 66.3 | 68.4 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.7 |
| [illegible] | 66.4 | 68.7 | 69.1 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.6 | 69.6 | 69.6 | 69.6 | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | 67.6 | 69.8 | 70.2 | 70.4 | 70.4 | 70.4 | 70.4 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 71.2 |
| [illegible] | 69.1 | 71.3 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.6 |
| [illegible] | 69.1 | 71.4 | 71.9 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.7 |
| [illegible] | 71.1 | 73.4 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.7 |
| [illegible] | 71.3 | 73.7 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.7 | 74.7 | 74.7 | 74.9 |
| [illegible] | 71.3 | 73.7 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.7 | 74.7 | 74.7 | 74.9 |
| [illegible] | 72.3 | 75.1 | 75.6 | 75.9 | 75.9 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.4 |
| [illegible] | 73.4 | 75.9 | 76.4 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.3 |
| [illegible] | 74.2 | 76.7 | 77.2 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 78.1 |
| [illegible] | 75.2 | 77.7 | 78.2 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 79.1 |
| [illegible] | 76.2 | 78.7 | 79.2 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 80.1 |
| [illegible] | 77.3 | 79.8 | 80.3 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | [illegible] |
| [illegible] | 82.1 | 82.9 | 83.4 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.3 |
| [illegible] | 83.3 | 83.1 | 83.7 | 84.0 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.6 |
| [illegible] | 1.3 | 85.0 | 85.6 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.6 |
| [illegible] | 87.1 | 86.9 | 87.6 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.7 |
| [illegible] | 3.3 | 88.1 | 88.8 | 89.4 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 90.1 |
| [illegible] | 4.0 | 89.4 | 90.3 | 91.0 | 91.1 | 91.1 | 91.2 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 92.0 |
| [illegible] | 4.3 | 90.2 | 91.2 | 92.2 | 92.4 | 92.4 | 92.6 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.4 |
| [illegible] | 94.7 | 91.4 | 91.4 | 92.4 | 92.9 | 92.9 | 93.1 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 94.0 |
| [illegible] | 94.7 | 91.8 | 91.8 | 92.6 | 92.8 | 93.3 | 93.6 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | [illegible] | [illegible] | 94.0 | 94.4 |
| [illegible] | 94.7 | 91.3 | 92.7 | 93.6 | 94.3 | 94.4 | 94.9 | 95.1 | 95.1 | 95.9 | 95.9 | 95.9 | 95.9 | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | 94.7 | 91.6 | 93.3 | 94.8 | 95.4 | 95.6 | 96.1 | 96.4 | 96.7 | 97.4 | 97.4 | 97.4 | 97.4 | 97.[illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | 94.7 | 91.6 | 93.3 | 94.9 | 95.6 | 95.7 | 96.6 | 97.[illegible] | 97.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.[illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | 94.7 | 91.6 | 93.4 | 94.9 | 95.6 | 95.8 | 96.8 | 97.3 | 97.7 | 98.9 | 99.2 | 99.1 | 99.2 | 99.3 | 99.[illegible] | [illegible] | [illegible] |
| [illegible] | 94.7 | 91.6 | 93.3 | 94.9 | 95.6 | 95.8 | 96.8 | 97.3 | 97.7 | 98.9 | 99.2 | 99.1 | 99.2 | 99.3 | 99.[illegible] | [illegible] | [illegible] |
| [illegible] | 94.7 | 91.6 | 93.3 | 94.9 | 95.6 | 95.8 | 96.8 | 97.3 | 97.7 | 98.9 | 99.2 | 99.1 | 99.2 | 99.3 | 99.6 | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7 26 6F — STATION — DYESS AFB TX — STATION NAME — 73-82 — YEARS

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

GMT-1200

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 1/2 | 2 | 1 3/4 | 1 1/2 | 1 1/4 | 1 | 7/8 | 3/4 | 5/8 | 1/2 | 7/16 | 3/8 | 5/16 | 1/4 | 3/16 | 0 |
| CLR | 57.3 | 59.4 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| 25000 | 66.3 | 67.1 | 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 | 66.4 | 67.2 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| 15000 | 66.6 | 67.3 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| 12000 | 67.5 | 68.4 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| 10000 | 68.9 | 69.8 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| 9000 | 69.3 | 70.2 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| 8000 | 70.1 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| 7000 | 72.1 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| 6000 | 72.8 | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| 5000 | 73.6 | 74.4 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| 4500 | 75.1 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| 4000 | 75.3 | 76.6 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| 3500 | 76.1 | 77.4 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| 3000 | 76.4 | 77.8 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| 2500 | 77.3 | 78.7 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| 2000 | 78.2 | 79.7 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| 1800 | 80.9 | 82.2 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| 1600 | 82.3 | 83.8 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 1400 | 83.3 | 84.7 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| 1200 | 85.6 | 87.2 | 88.2 | 88.6 | 88.7 | 88.7 | 88.7 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| 1000 | 86.4 | 88.0 | 89.2 | 90.2 | 90.3 | 90.4 | 90.4 | 90.4 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| 900 | 87.1 | 88.7 | 90.1 | 91.1 | 91.4 | 91.7 | 91.7 | 91.7 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| 800 | 87.3 | 89.0 | 90.6 | 92.3 | 92.7 | 93.0 | 93.0 | 93.0 | 93.1 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| 700 | 87.4 | 89.2 | 90.9 | 92.8 | 93.3 | 93.7 | 93.8 | 93.9 | 93.9 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 600 | 87.4 | 89.4 | 91.4 | 93.7 | 94.4 | 94.9 | 95.1 | 95.2 | 95.4 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 500 | 87.4 | 89.5 | 92.1 | 94.6 | 95.3 | 95.9 | 96.2 | 96.4 | 96.5 | 97.2 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 400 | 87.4 | 89.6 | 92.2 | 94.7 | 95.6 | 96.1 | 96.4 | 96.7 | 97.4 | 97.9 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 300 | 87.4 | 89.6 | 92.2 | 94.7 | 95.8 | 96.3 | 96.7 | 96.9 | 97.7 | 98.3 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 200 | 87.4 | 89.6 | 92.2 | 94.7 | 95.8 | 96.3 | 96.7 | 96.9 | 97.8 | 98.4 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.7 |
| 100 | 87.4 | 89.6 | 92.2 | 94.7 | 95.8 | 96.3 | 96.7 | 96.9 | 97.8 | 98.4 | 99.2 | 99.4 | 99.4 | 99.6 | 99.7 | 99.8 |
| 0 | 87.4 | 89.6 | 92.2 | 94.7 | 95.8 | 96.3 | 96.7 | 96.9 | 97.8 | 98.4 | 99.2 | 99.4 | 99.4 | 99.6 | 99.7 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 900

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

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

# CEILING VERSUS VISIBILITY

...STATION ...YERS AFB, TY STATION NAME ...-82 YEARS ...NOV MONTH

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

...-1800

| CEILING IN HUNDREDS OF FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3½ | 3 | 2½ | 2 | 1½ | 1 | ½ | 0 |
| ... | 62.1 | 62.4 | 62.6 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ... | 67.3 | 67.4 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ... | 67.4 | 67.9 | 68.0 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ... | 67.6 | 68.0 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ... | 69.3 | 69.9 | 70.0 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ... | 73.1 | 73.6 | 73.7 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ... | 74.9 | 75.4 | 75.6 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ... | 75.1 | 75.6 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ... | 75.9 | 76.6 | 76.7 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ... | 76.1 | 76.8 | 76.9 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ... | 77.1 | 77.7 | 77.8 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ... | 78.1 | 78.7 | 78.8 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ... | 79.7 | 79.4 | 79.6 | 79.7 | 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 | 80.4 | 80.7 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ... | 80.1 | 80.9 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ... | 81.1 | 82.7 | 82.8 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ... | 83.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ... | 85.6 | 86.4 | 86.5 | 86.7 | 86.7 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ... | 86.3 | 87.2 | 87.3 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ... | 88.7 | 89.6 | 89.9 | 90.0 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ... | 91.1 | 91.4 | 91.7 | 91.8 | 91.9 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ... | 93.7 | 93.6 | 93.9 | 93.9 | 93.9 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ... | 94.1 | 94.2 | 94.6 | 94.7 | 94.8 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ... | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 | 95.1 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ... | 94.1 | 94.4 | 94.9 | 95.2 | 95.7 | 95.9 | 96.1 | 96.1 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ... | 94.1 | 95.1 | 95.4 | 95.8 | 96.2 | 96.6 | 97.0 | 97.1 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ... | 94.1 | 95.1 | 95.4 | 95.9 | 96.4 | 97.1 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ... | 94.1 | 95.1 | 95.6 | 96.1 | 96.9 | 97.6 | 98.1 | 98.2 | 98.4 | 98.6 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 |
| ... | 94.1 | 95.1 | 95.6 | 96.1 | 96.9 | 97.6 | 98.0 | 98.7 | 99.0 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 |
| ... | 94.1 | 95.1 | 95.6 | 96.1 | 96.9 | 97.6 | 98.0 | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ... | 94.1 | 95.1 | 95.6 | 96.1 | 96.9 | 97.6 | 98.0 | 98.7 | 99.0 | [illegible] | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ... | 94.1 | 95.1 | 95.6 | 96.1 | 96.9 | 97.6 | 98.0 | 98.7 | 99.0 | [illegible] | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS ... 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72265 / STATION — DYESS AFB TX / STATION NAME — 73-80 / YEARS — ALL / MONTH

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

19 JAN 1973

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥ | ≥5/16 | ≥1/4 | ≥0 |
| UNLIM | 64.4 | 64.4 | 64.4 | 64.4 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥20000 | 71.1 | 71.2 | 71.2 | 71.2 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥18000 | 71.3 | 71.3 | 71.3 | 71.3 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥16000 | 71.3 | 71.3 | 71.3 | 71.3 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥14000 | 72.4 | 72.6 | 72.6 | 72.6 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥12000 | 75.2 | 75.3 | 75.3 | 75.3 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥10000 | 78.1 | 78.2 | 78.2 | 78.2 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥9000 | 78.3 | 78.4 | 78.4 | 78.4 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥8000 | 80.7 | 80.8 | 80.8 | 80.8 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥7000 | 80.8 | 80.9 | 80.9 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥6000 | 81.4 | 81.6 | 81.6 | 81.6 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥5000 | 82.1 | 82.3 | 82.3 | 82.3 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥4500 | 82.4 | 82.7 | 82.7 | 82.7 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥4000 | 82.9 | 83.2 | 83.3 | 83.3 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥3500 | 83.6 | 83.9 | 84.0 | 84.0 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥3000 | 84.6 | 84.9 | 85.0 | 85.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥2500 | 85.2 | 85.6 | 85.7 | 85.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥2000 | 87.3 | 87.7 | 87.8 | 87.8 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥1800 | 88.2 | 88.6 | 88.7 | 88.7 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥1600 | 91.3 | 91.8 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥1400 | 92.7 | 93.2 | 93.4 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥1200 | 93.1 | 93.6 | 93.9 | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥1000 | 93.4 | 94.0 | 94.6 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥900 | 93.6 | 94.4 | 95.0 | 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 |
| ≥800 | 93.7 | 94.7 | 95.3 | 95.7 | 96.1 | 96.2 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥700 | 93.7 | 95.2 | 95.9 | 96.3 | 97.0 | 97.2 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥600 | 93.8 | 95.7 | 96.3 | 96.8 | 97.4 | 97.8 | 98.0 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥500 | 93.8 | 95.7 | 96.3 | 96.8 | 97.4 | 97.8 | 98.0 | 98.3 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥400 | 93.8 | 95.7 | 96.3 | 96.8 | 97.4 | 97.8 | 98.1 | 98.4 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥300 | 93.8 | 95.7 | 96.3 | 96.8 | 97.6 | 97.9 | 98.2 | 98.7 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥200 | 93.8 | 95.7 | 96.3 | 96.8 | 97.6 | 97.9 | 98.2 | 98.7 | 99.1 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0 | 93.8 | 95.7 | 96.3 | 96.8 | 97.6 | 97.9 | 98.2 | 98.7 | 99.1 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72268 (STATION) ABILENE AFB TX (STATION NAME) 73-82 (YEARS) ANNUAL

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 JAN-31 DEC

VISIBILITY (STATUTE MILES)

| CEILING (FEET) | ≥10 | 7 | 5 | 4 | 3 | 2½ | 2 | 1½ | 1¼ | 1 | ¾ | ½ | ¼ | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 20000 | 69.4 | 69.5 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 15000 | 76.3 | 76.4 | 76.4 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 10000 | 76.4 | 76.4 | 76.4 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 7000 | 76.4 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 5000 | 77.6 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 4500 | 78.3 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 4000 | 80.7 | 81.5 | 81.7 | 81.3 | 81.4 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 3500 | 81.3 | 81.4 | 81.4 | 81.4 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 3000 | 81.9 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 2500 | 82.2 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 2000 | 82.7 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 1800 | 83.1 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 1600 | 83.7 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 1400 | 84.9 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1200 | 85.1 | 86. | 86.3 | 86.3 | 86.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 1000 | 85.7 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 900 | 86.3 | 87.8 | 87.9 | 87.9 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 800 | 89.1 | 89.7 | 89.9 | 89.9 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 700 | 89.5 | 90.3 | 90.6 | 90.6 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 600 | 92.4 | 92.2 | 92.4 | 92.4 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 500 | 93.1 | 93.3 | 93.7 | 93.7 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 400 | 93.1 | 93.7 | 94.0 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 300 | 93.6 | 94.0 | 94.3 | 94.3 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 200 | 93.7 | 94.4 | 94.9 | 95.1 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 150 | 93.7 | 94.4 | 94.9 | 95.2 | 95.6 | 95.6 | 95.7 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 100 | 93.8 | 95.1 | 95.6 | 96.1 | 96.6 | 96.6 | 97.0 | 97.3 | 97.3 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 50 | 93.8 | 95.4 | 96.1 | 96.6 | 97.0 | 97.0 | 97.4 | 97.8 | 97.8 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 |
| ≥ 0 | 93.9 | 95.4 | 96.3 | 96.7 | 97.2 | 97.2 | 97.7 | 98.1 | 98.1 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 |
| INDEFINITE | 93.8 | 95.4 | 96.0 | 96.7 | 97.2 | 97.2 | 97.7 | 98.1 | 98.1 | 98.6 | 98.9 | 99.3 | 99.3 | 99.3 |
| OBSCURED | 93.8 | 95.4 | 96.1 | 96.7 | 97.2 | 97.2 | 97.7 | 98.1 | 98.1 | 98.7 | 99.1 | 99.6 | 99.7 | 99.7 |
| PARTIAL OBSCURATION | 93.8 | 95.4 | 96.1 | 96.7 | 97.2 | 97.2 | 97.7 | 98.1 | 98.1 | 98.8 | 99.2 | 99.8 | 99.9 | 99.9 |
| TOTAL | 93.8 | 95.4 | 96.1 | 96.7 | 97.2 | 97.2 | 97.7 | 98.1 | 98.1 | 98.8 | 99.2 | 99.8 | 99.9 | 99.9 |

| CEILING (FEET) | 0 |
|---|---|
| ≥ 20000 | 69.7 |
| ≥ 15000 | 76.6 |
| ≥ 10000 | 76.6 |
| ≥ 7000 | 76.7 |
| ≥ 5000 | 77.9 |
| ≥ 4500 | 78.9 |
| ≥ 4000 | 81.6 |
| ≥ 3500 | 81.7 |
| ≥ 3000 | 82.8 |
| ≥ 2500 | 83.2 |
| ≥ 2000 | 83.9 |
| ≥ 1800 | 84.6 |
| ≥ 1600 | 85.2 |
| ≥ 1400 | 86.0 |
| ≥ 1200 | 86.7 |
| ≥ 1000 | 87.4 |
| ≥ 900 | 88.2 |
| ≥ 800 | 90.2 |
| ≥ 700 | 90.9 |
| ≥ 600 | 92.8 |
| ≥ 500 | 94.0 |
| ≥ 400 | 94.3 |
| ≥ 300 | 94.7 |
| ≥ 200 | 95.6 |
| ≥ 150 | 96.1 |
| ≥ 100 | 97.7 |
| ≥ 50 | 98.3 |
| ≥ 0 | 98.9 |
| INDEFINITE | 99.3 |
| OBSCURED | 99.8 |
| PARTIAL OBSCURATION | 100.0 |
| TOTAL | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

7725 65 | CYPRESS AFB TX | 73-82 | NOV

STATION | STATION NAME | YEARS | MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21-2-2300

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 | |
| NO CEILING | 71.2 | 71.6 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 20000 | 76.4 | 76.9 | 77.0 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 18000 | 76.7 | 77.1 | 77.2 | 77.2 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 16000 | 76.8 | 77.2 | 77.3 | 77.3 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 14000 | 77.3 | 77.8 | 77.9 | 77.9 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 12000 | 78.3 | 78.9 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 10000 | 80.3 | 81.3 | 81.1 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 9000 | 80.4 | 81.1 | 81.2 | 81.2 | 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 | 81.7 | 82.3 | 82.4 | 82.4 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 7000 | 81.9 | 82.6 | 82.7 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 6000 | 82.1 | 82.8 | 82.9 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 5000 | 83.2 | 84.2 | 84.3 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 4500 | 83.8 | 84.8 | 84.9 | 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 |
| ≥ 4000 | 84.4 | 85.6 | 85.7 | 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 |
| ≥ 3500 | 85.2 | 86.3 | 86.4 | 86.4 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 3000 | 86.2 | 87.3 | 87.4 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 2500 | 86.9 | 88.0 | 88.1 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 2000 | 88.4 | 89.7 | 89.8 | 89.8 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1800 | 88.6 | 89.8 | 89.9 | 89.9 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 1500 | 89.4 | 91.1 | 91.2 | 91.2 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 1200 | 90.1 | 92.1 | 92.2 | 92.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1000 | 90.9 | 93.0 | 93.1 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 900 | 91.1 | 93.4 | 93.6 | 93.7 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 800 | 91.3 | 94.0 | 94.1 | 94.3 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 700 | 91.3 | 94.2 | 94.4 | 95.0 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 600 | 91.3 | 94.3 | 94.7 | 95.6 | 96.2 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 500 | 91.3 | 94.4 | 95.3 | 95.9 | 96.6 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 400 | 91.3 | 94.8 | 95.3 | 96.2 | 97.0 | 97.1 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.9 |
| ≥ 300 | 91.3 | 94.8 | 95.4 | 96.4 | 97.2 | 97.3 | 97.8 | 97.9 | 98.0 | 98.2 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.9 |
| ≥ 200 | 91.3 | 94.8 | 95.4 | 96.4 | 97.2 | 97.4 | 97.9 | 98.2 | 98.3 | 98.7 | 99.1 | 99.1 | 99.3 | 99.6 | 99.6 | 99.9 |
| ≥ 100 | 91.3 | 94.8 | 95.4 | 96.4 | 97.2 | 97.4 | 97.9 | 98.2 | 98.4 | 98.8 | 99.2 | 99.2 | 99.4 | 99.7 | 99.7 | 100.0 |
| | 91.3 | 94.8 | 95.4 | 96.4 | 97.2 | 97.4 | 97.9 | 98.2 | 98.4 | 98.8 | 99.2 | 99.2 | 99.4 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722665 (STATION) WYNNE AFB TX (STATION NAME) 73-62 (YEARS) NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOUR OBSERVATIONS) ALL

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥5/8 | ≥½ | ≥¼ |
| NO CEILING | 66.7 | 66.5 | 66.6 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 |
| ≥20000 | 71.3 | 71.8 | 71.9 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥18000 | 71.3 | 71.9 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 9000 | 71.4 | 72.0 | 72.1 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 |
| ≥ 7000 | 72.1 | 72.8 | 72.9 | 72.9 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.2 |
| ≥ 5000 | 73.6 | 74.3 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 4500 | 75.5 | 76.3 | 76.4 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 4000 | 75.6 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 |
| ≥ 3500 | 77.2 | 78.1 | 78.2 | 78.2 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 |
| ≥ 3000 | 77.4 | 78.3 | 78.4 | 78.4 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 |
| ≥ 2500 | 77.8 | 78.7 | 78.8 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 2000 | 78.9 | 81.0 | 80.1 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 1800 | 79.6 | 80.7 | 80.9 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 |
| ≥ 1500 | 80.4 | 81.6 | 81.8 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 |
| ≥ 1000 | 81.1 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 800 | 82.1 | 83.2 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 |
| ≥ 600 | 83.1 | 84.2 | 84.4 | 84.5 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 500 | 85.1 | 86.4 | 86.6 | 86.7 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 400 | 85.6 | 86.9 | 87.2 | 87.3 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 300 | 87.2 | 88.9 | 89.2 | 89.3 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 |
| ≥ 200 | 88.9 | 90.4 | 90.8 | 91.0 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 |
| ≥ 150 | 89.1 | 91.3 | 91.8 | 91.9 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 |
| ≥ 100 | 89.6 | 92.1 | 92.7 | 92.9 | 93.1 | 93.1 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 |
| ≥ 50 | 89.9 | 92.6 | 93.4 | 93.8 | 94.1 | 94.1 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 |
| ≥ 0 | 90.0 | 93.0 | 93.9 | 94.2 | 94.6 | 94.7 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 |
| | 90.1 | 93.4 | 94.3 | 94.9 | 95.5 | 95.6 | 95.8 | 96.0 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 |
| | 90.1 | 93.7 | 94.8 | 95.5 | 96.2 | 96.4 | 96.7 | 96.9 | 97.0 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.4 |
| | 90.1 | 93.8 | 95.1 | 95.9 | 96.6 | 96.8 | 97.2 | 97.5 | 97.7 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 |
| | 90.1 | 93.8 | 95.1 | 95.9 | 96.8 | 97.0 | 97.4 | 97.9 | 98.2 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.1 |
| | 90.1 | 93.8 | 95.1 | 95.9 | 96.8 | 97.0 | 97.5 | 98.2 | 98.4 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 |
| | 90.1 | 93.8 | 95.1 | 95.9 | 96.8 | 97.0 | 97.5 | 98.2 | 98.5 | 99.0 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 |
| | 90.1 | 93.8 | 95.1 | 95.9 | 96.8 | 97.0 | 97.5 | 98.2 | 98.5 | 99.0 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

722165 — STATION — DYESS AFB TX — STATION NAME — 73-80 — YEARS — DEC — MONTH

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

1930-5230 — HOURS

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥5/8 | ≥½ | ≥¼ |
| NO CEILING | 73.2 | 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 | 76.1 | 76.6 | 76.9 | 76.8 | 76.8 | 76.8 | 76.8 | 76. | 76.9 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 8000 | 76.2 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76. | 77. | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 6000 | 76.3 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.5 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 4000 | 76.8 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 3000 | 77.5 | 78.4 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 2500 | 79.1 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 2000 | 79.1 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 1800 | 80.1 | 81.0 | 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 |
| ≥ 1500 | 80.1 | 81.0 | 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 |
| ≥ 1200 | 80.4 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 1000 | 81.8 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 900 | 82.7 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 800 | 83.1 | 84.3 | 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 |
| ≥ 700 | 83.7 | 84.8 | 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 |
| ≥ 600 | 84.2 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 500 | 84.9 | 86.1 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 400 | 86.7 | 87.8 | 88.3 | 88.3 | 88.3 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 300 | 87.3 | 88.5 | 88.9 | 88.9 | 88.9 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 200 | 88.6 | 89.9 | 90.4 | 90.4 | 90.4 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 150 | 89.7 | 91.1 | 91.6 | 91.6 | 91.6 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 100 | 90.4 | 91.7 | 92.4 | 92.5 | 92.5 | 92.5 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 70 | 90.2 | 92.8 | 93.5 | 93.7 | 93.7 | 93.7 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 50 | 90.8 | 93.7 | 94.6 | 94.7 | 94.7 | 94.7 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 30 | 91.1 | 94.3 | 95.3 | 95.6 | 95.8 | 95.8 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 20 | 91.3 | 95.1 | 96.1 | 96.5 | 96.9 | 96.9 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 15 | 91.4 | 95.5 | 96.7 | 97.0 | 97.4 | 97.4 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 10 | 91.4 | 95.7 | 97.0 | 97.3 | 97.8 | 97.8 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 7 | 91.4 | 95.7 | 97.0 | 97.3 | 98.2 | 98.2 | 98.5 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 5 | 91.4 | 95.7 | 97.1 | 97.3 | 98.2 | 98.2 | 98.5 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 |
| ≥ 3 | 91.4 | 95.7 | 97.1 | 97.3 | 98.2 | 98.2 | 98.5 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.7 | 100.0 | 100.0 | 100.0 |
| 0 | 91.4 | 95.7 | 97.1 | 97.3 | 98.2 | 98.2 | 98.5 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.7 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72266 (STATION) EYES AFB IV (STATION NAME) 73-82 (YEARS) DEC (MONTH)

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

0300-0500 (GMT)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | 5/16 | ≥1/4 | ≥0 |
| NO CEILING | 71.9 | 71.8 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥20000 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 8000 | 74.9 | 74.9 | 74.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 5000 | 74.9 | 74.9 | 74.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 4000 | 75.1 | 75.1 | 75.1 | 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 |
| ≥ 3000 | 76.3 | 76.3 | 76.3 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 2500 | 77.4 | 77.4 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 2000 | 77.4 | 77.4 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 1500 | 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 | 78.4 |
| ≥ 1000 | 78.3 | 78.3 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 900 | 78.3 | 78.3 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 800 | 79.7 | 79.9 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 700 | 80.5 | 80.8 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 600 | 81.1 | 81.2 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 500 | 81.9 | 82.2 | 82.3 | 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 |
| ≥ 450 | 82.2 | 82.4 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 400 | 82.8 | 83.4 | 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 |
| ≥ 350 | 85.5 | 86.1 | 86.5 | 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 |
| ≥ 300 | 86.9 | 87.6 | 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 | 88.3 |
| ≥ 250 | 87.4 | 88.6 | 89.1 | 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 |
| ≥ 200 | 88.7 | 90.3 | 90.6 | 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 |
| ≥ 150 | 89.8 | 91.9 | 92.3 | 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 |
| ≥ 100 | 89.9 | 92.5 | 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 |
| ≥ 050 | 90.1 | 93.1 | 93.4 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 000 | 90.1 | 93.4 | 93.8 | 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 |
| | 91.1 | 94.6 | 95.1 | 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 |
| | 91.7 | 94.7 | 95.4 | 96.0 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| | 91.8 | 94.9 | 96.1 | 96.7 | 97.3 | 97.4 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| | 91.0 | 94.9 | 96.3 | 96.7 | 97.4 | 97.5 | 97.7 | 98.1 | 98.1 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| | 91.1 | 94.9 | 96.3 | 96.7 | 97.4 | 97.5 | 97.7 | 98.2 | 98.3 | 98.8 | 99.0 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 |
| | 91.1 | 94.9 | 96.3 | 96.7 | 97.4 | 97.5 | 97.7 | 98.2 | 98.3 | 98.8 | 99.0 | 99.1 | 99.5 | 99.7 | 99.9 | 100.0 |
| | 91.1 | 94.9 | 96.3 | 96.7 | 97.4 | 97.5 | 97.7 | 98.2 | 98.3 | 98.8 | 99.0 | 99.1 | 99.5 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

FLSRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7224 65 — CYESS AFB TY — 73-87 — DEC

STATION — STATION NAME — YEARS — MONTH

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

0400-0800

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 | |
| NO CEILING | 65.9 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 22000 | 72.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 18000 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 5000 | 70.2 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 14000 | 70.9 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 3000 | 71.5 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 12000 | 73.5 | 74.6 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 2000 | 73.5 | 74.6 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 10000 | 74.7 | 75.8 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 1000 | 74.7 | 75.8 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 9000 | 75.3 | 76.3 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 5000 | 76.1 | 77.3 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 4500 | 76.8 | 78.0 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 4000 | 77.4 | 78.7 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 3500 | 79.1 | 80.6 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 3000 | 79.8 | 81.6 | 81.9 | 82.3 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 2500 | 81.2 | 83.2 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 2000 | 83.1 | 85.5 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 1800 | 83.5 | 85.9 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 1500 | 85.7 | 88.1 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 1200 | 86.5 | 89.1 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1000 | 87.3 | 90.6 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 900 | 87.8 | 91.6 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 800 | 88.1 | 92.0 | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 700 | 88.1 | 92.3 | 93.7 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 600 | 88.7 | 93.8 | 95.2 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 500 | 88.7 | 94.0 | 95.6 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 400 | 88.8 | 94.4 | 96.2 | 97.5 | 99.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 300 | 88.8 | 94.4 | 96.2 | 97.7 | 98.3 | 98.5 | 98.6 | 98.6 | 98.7 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 200 | 88.8 | 94.4 | 96.2 | 97.7 | 98.3 | 98.5 | 98.6 | 98.6 | 98.7 | 98.9 | 99.1 | 99.1 | 99.4 | 99.4 | 99.9 | 99.9 |
| ≥ 100 | 88.8 | 94.4 | 96.2 | 97.7 | 98.3 | 98.5 | 98.6 | 98.6 | 98.7 | 98.9 | 99.1 | 99.1 | 99.4 | 99.4 | 100.0 | 100.0 |
| = 0 | 88.8 | 94.4 | 96.2 | 97.7 | 98.3 | 98.5 | 98.6 | 98.6 | 98.7 | 98.9 | 99.1 | 99.1 | 99.4 | 99.4 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72266 — STATION — YEOVILTON AFB IV — STATION NAME — 73-82 — YEARS — DEC — MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-1100

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | <¼ | | | |
| NO CEILING | 61.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 20000 | 68.1 | 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 | 69.2 | 69.2 |
| ≥ 18000 | 68.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 5000 | 68.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 14000 | 70.0 | 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 | 71.1 |
| ≥ 12000 | 72.1 | 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 | 73.1 | 73.1 |
| ≥ 10000 | 74.8 | 76.0 | 76.1 | 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 |
| ≥ 9000 | 74.9 | 76.1 | 76.2 | 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 |
| ≥ 8000 | 76.7 | 78.0 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 7000 | 76.8 | 78.1 | 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 | 78.4 | 78.4 |
| ≥ 6000 | 77.1 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 5000 | 77.8 | 79.1 | 79.2 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 4500 | 78.1 | 79.4 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 4000 | 79.1 | 80.4 | 80.5 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 3500 | 80.3 | 81.5 | 81.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 3000 | 80.9 | 82.2 | 82.3 | 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 |
| ≥ 2500 | 82.6 | 83.8 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 2000 | 84.6 | 86.0 | 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 |
| ≥ 1800 | 84.7 | 86.1 | 86.2 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 1500 | 87.6 | 89.5 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 1200 | 88.6 | 90.6 | 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 |
| ≥ 1000 | 89.1 | 91.3 | 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 | 91.7 | 91.7 |
| ≥ 900 | 89.6 | 91.7 | 92.2 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 800 | 90.1 | 92.5 | 93.0 | 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 |
| ≥ 700 | 90.1 | 93.1 | 93.8 | 94.1 | 94.3 | 94.3 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 600 | 90.3 | 93.8 | 94.5 | 94.9 | 95.6 | 95.9 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 500 | 90.3 | 94.2 | 94.9 | 95.5 | 96.2 | 96.7 | 97.1 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 400 | 90.3 | 94.4 | 95.2 | 95.8 | 96.8 | 97.3 | 97.8 | 98.4 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 300 | 90.3 | 94.4 | 95.2 | 96.0 | 97.3 | 97.8 | 98.5 | 99.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 90.3 | 94.4 | 95.2 | 96.0 | 97.3 | 97.8 | 98.5 | 99.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | |
| ≥ 100 | 90.3 | 94.4 | 95.2 | 96.0 | 97.3 | 97.8 | 98.5 | 99.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | |
| ≥ 0 | 90.3 | 94.4 | 95.2 | 96.0 | 97.3 | 97.8 | 98.5 | 99.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72266 — LAWTON AFB, OK (STATION NAME) — 73-92 (YEARS) — ALL (MONTHS)

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1400

| CEILING (FEET) | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2½ | 2 | 1¾ | 1½ | 1¼ | 1 | ½ | 0 |
| 12000+ | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 6000 | 71.1 | 71.3 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 5000 | 71.5 | 71.8 | 72.0 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| 4500 | 71.6 | 71.9 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| 4000 | 73.7 | 74.0 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| 3500 | 75.5 | 75.8 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| 3000 | 77.6 | 78.2 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| 2500 | 78.1 | 78.6 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| 2000 | 80.3 | 80.8 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 1800 | 80.3 | 80.9 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| 1500 | 80.3 | 80.9 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| 1000 | 81.4 | 81.9 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| 800 | 81.6 | 82.2 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 600 | 82.6 | 83.1 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 400 | 83.7 | 84.2 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| 300 | 84.1 | 84.6 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 200 | 85.2 | 85.8 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| 100 | 87.1 | 87.8 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| 50 | 87.6 | 88.4 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| 0 | 89.5 | 90.4 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| 20000+ | 90.1 | 91.8 | 92.4 | 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 |
| 4000 | 91.1 | 92.9 | 93.4 | 93.5 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 2000 | 91.5 | 94.2 | 94.7 | 95.1 | 95.4 | 95.4 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 1000 | 91.9 | 94.7 | 95.3 | 95.6 | 96.0 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 700 | 92.0 | 95.2 | 95.7 | 96.1 | 96.6 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 600 | 92.2 | 95.8 | 96.3 | 97.0 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 500 | 92.2 | 96.1 | 96.7 | 97.4 | 98.0 | 98.1 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 400 | 92.3 | 96.1 | 96.7 | 97.4 | 99.0 | 98.1 | 98.4 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 300 | 92.2 | 96.1 | 96.7 | 97.4 | 98.0 | 98.1 | 98.5 | 98.9 | 99.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 200 | 92.3 | 96.1 | 96.7 | 97.4 | 98.0 | 98.1 | 98.5 | 98.9 | 99.0 | 99.2 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 |
| 100 | 92.3 | 96.1 | 96.7 | 97.4 | 98.0 | 98.1 | 98.5 | 98.9 | 99.0 | 99.2 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| 0 | 92.3 | 96.1 | 96.7 | 97.4 | 98.0 | 98.1 | 98.5 | 98.9 | 99.0 | 99.2 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12264 | EVERS AFB TX | 73-82 | DEC

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING (FEET) | VISIBILITY (STATUTE MILES) ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥20000 | 63.7 | 64.2 | 64.2 | 64.7 | 64.9 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| | 69.9 | 70.9 | 70.9 | 71.4 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥8000 | 70.9 | 72.3 | 72.3 | 72.8 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥3000 | 71.1 | 72.4 | 72.4 | 72.9 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥4000 | 72.1 | 73.4 | 73.4 | 74.0 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥3000 | 74.8 | 76.1 | 76.2 | 76.6 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥2500 | 77.6 | 79.0 | 79.1 | 79.6 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥2000 | 77.7 | 79.1 | 79.1 | 79.7 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥1500 | 80.4 | 82.3 | 82.3 | 82.8 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥1000 | 80.6 | 82.5 | 82.5 | 83.2 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 500 | 82.3 | 82.6 | 82.6 | 83.3 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 300 | 84.7 | 83.5 | 83.5 | 84.3 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 200 | 84.9 | 83.8 | 83.8 | 84.5 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 150 | 85.2 | 84.3 | 84.3 | 85.1 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 100 | 86.5 | 85.4 | 85.4 | 86.1 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 50 | 86.4 | 86.2 | 86.2 | 87.1 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 30 | 88.9 | 87.7 | 87.7 | 88.5 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 20 | 89.4 | 89.4 | 89.4 | 90.1 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 10 | 90.3 | 90.3 | 90.3 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 7 | 91.3 | 91.3 | 91.3 | 92.0 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 5 | 92.3 | 92.3 | 92.4 | 93.1 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 4 | 93.6 | 93.4 | 93.5 | 94.3 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 3 | 93.8 | 93.8 | 93.9 | 94.6 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 2 | 94.1 | 94.1 | 94.2 | 94.9 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1 | 94.4 | 94.7 | 94.8 | 95.6 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ ½ | 94.9 | 95.7 | 95.8 | 96.6 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ ¼ | 95.1 | 95.8 | 96.0 | 96.9 | 97.5 | 97.6 | 97.8 | 98.1 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 0 | 91.9 | 95.8 | 96.1 | 97.0 | 97.6 | 97.7 | 98.0 | 98.2 | 98.3 | 98.3 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| | 91.9 | 95.8 | 96.1 | 97.0 | 97.6 | 97.7 | 98.0 | 98.2 | 98.3 | 98.3 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| | 91.9 | 95.8 | 96.1 | 97.0 | 97.6 | 97.7 | 98.0 | 98.2 | 98.3 | 98.4 | 99.1 | 99.2 | 99.4 | 99.5 | 99.8 | 99.8 |
| | 91.8 | 95.8 | 96.1 | 97.0 | 97.6 | 97.7 | 98.0 | 98.2 | 98.3 | 98.4 | 99.1 | 99.2 | 99.4 | 99.5 | 99.9 | 100.0 |
| | 91.9 | 95.8 | 96.1 | 97.0 | 97.6 | 97.7 | 98.0 | 98.2 | 98.3 | 98.4 | 99.1 | 99.2 | 99.4 | 99.5 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 936

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

# CEILING VERSUS VISIBILITY

...2-65 | ...YES AFB, TX | 73-82 | ...-2

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

...-2-2222

...USB ... STATUTE MILES

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | 69.7 | 7 .9 | 71. | 71.3 | 71.7 | 71.3 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.3 | 71. | 71.3 | 71.3 |
| ... | 73.4 | 75.1 | 75.2 | 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 |
| ... | 74.1 | 75.6 | 75.7 | 76.3 | 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 |
| ... | 74.1 | 75.7 | 75.8 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ... | 74.3 | 76.2 | 76.3 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ... | 76.3 | 78.1 | 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 |
| ... | 78.1 | 79.8 | 79.9 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ... | 78.6 | 80.3 | 80.4 | 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 | 82.8 | 82.9 | 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 |
| ... | 81.7 | 83.6 | 83.7 | 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 |
| ... | 82.6 | 84.6 | 84.7 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ... | 83.2 | 85.3 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ... | 83.7 | 85.8 | 85.9 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ... | 84.3 | 86.1 | 86.2 | 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 |
| ... | 84.8 | 87.0 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ... | 85.6 | 87.6 | 87.7 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ... | 86.9 | 89.1 | 89.2 | 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 |
| ... | 88.7 | 91.1 | 91.2 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ... | 89.1 | 91.5 | 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 |
| ... | 89.7 | 92.2 | 92.5 | 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 |
| ... | 90.1 | 92.7 | 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 |
| ... | 90.9 | 93.5 | 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 | 94.3 | 94.3 |
| ... | 91.2 | 94.0 | 94.4 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ... | 91.6 | 94.4 | 94.8 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ... | 92.1 | 95.2 | 96.0 | 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 |
| ... | 92.2 | 95.4 | 96.2 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ... | 92.2 | 95.6 | 96.5 | 97.3 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ... | 92.2 | 95.6 | 96.7 | 97.2 | 97.5 | 97.6 | 98.0 | 98.2 | 98.5 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ... | 92.2 | 95.6 | 96.7 | 97.2 | 97.5 | 97.7 | 98.1 | 98.4 | 98.8 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ... | 92.2 | 95.6 | 96.7 | 97.2 | 97.7 | 98.0 | 98.3 | 98.6 | 99.0 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ... | 92.2 | 95.6 | 96.7 | 97.2 | 97.7 | 98.0 | 98.3 | 98.6 | 99.0 | 99.2 | 99.5 | 99.5 | 99.6 | 100. | 100. | 100. | 100. |
| ... | 92.2 | 95.6 | 96.7 | 97.2 | 97.7 | 98.0 | 98.3 | 98.6 | 99.0 | 99.2 | 99.5 | 99.5 | 99.6 | 100. | 100. | 100. | 100. |

TOTAL NUMBER OF OBSERVATIONS 93...

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72264 STATION | YEES AFB TX STATION NAME | 73-82 YEARS | JAN

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

0-12-2304

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | 26 | 25 | 24 | 23 | 22 | 21 | 2 | 1¾ | 1½ | 1¼ | 1 | ¾ | ½ | <½ |
| CEILING UNLIMITED | 72.4 | 73.4 | 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 | 75.4 | 76.6 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 15000 | 75.5 | 76.7 | 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 |
| 12000 | 75.9 | 77.0 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| 10000 | 76.2 | 77.4 | 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 |
| 9000 | 77.3 | 78.6 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| 8000 | 78.4 | 79.7 | 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 |
| 7000 | 78.4 | 79.9 | 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 |
| 6000 | 80.1 | 82.4 | 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 |
| 5000 | 81.1 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 4500 | 81.9 | 83.5 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| 4000 | 82.9 | 84.6 | 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 |
| 3500 | 83.4 | 85.2 | 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 |
| 3000 | 85.3 | 86.5 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 |
| 2500 | 86.4 | 86.1 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 |
| 2000 | 86.9 | 86.7 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 |
| 1800 | 88.1 | 87.5 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 |
| 1500 | 87.3 | 89.4 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 |
| 1200 | 88.1 | 89.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 |
| 1000 | 88.3 | 91.1 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 |
| 900 | 89.3 | 91.7 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 |
| 800 | 89.7 | 92.2 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 |
| 700 | 90.1 | 92.9 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 |
| 600 | 90.4 | 93.1 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 |
| 500 | 90.6 | 94.5 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 |
| 400 | 91.2 | 95.1 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 |
| 300 | 91.2 | 95.1 | 96.8 | 97.0 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 |
| 200 | 91.3 | 95.7 | 97.4 | 97.7 | 97.8 | 98.0 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 |
| 150 | 91.3 | 95.7 | 97.4 | 97.7 | 97.9 | 98.0 | 98.3 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 |
| 100 | 91.3 | 95.7 | 97.4 | 97.7 | 97.8 | 98.0 | 98.3 | 99.2 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 |
| 50 | 91.3 | 95.7 | 97.4 | 97.7 | 97.8 | 98.0 | 98.4 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 |
| 0 | 91.3 | 95.7 | 97.4 | 97.7 | 97.8 | 98.0 | 98.4 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 932

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

# CEILING VERSUS VISIBILITY

[illegible] [illegible] AF [illegible] 73-80

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING (HUNDREDS OF FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20 | 14 | 12 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1/2 | 1/4 | 0 | |
| | 67.3 | 68.3 | 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 | |
| | 72.8 | 73.2 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | |
| | 73.7 | 73.6 | 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 | |
| | 73.9 | 73.7 | 73.9 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | |
| | 73.9 | 74.0 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | |
| | 75.1 | 76.1 | 76.2 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | |
| | 77.1 | 78.1 | 78.2 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | |
| | 77.2 | 78.2 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | |
| | 79.1 | 80.1 | 80.3 | 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 | |
| | 79.2 | 80.2 | 80.6 | 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 | |
| | 74.5 | 81.5 | 81.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | |
| | .6 | 81.8 | 82.1 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | |
| | 1.1 | 82.3 | 82.5 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | |
| | 1.2 | 83.2 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | |
| | 2.2 | 84.0 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | |
| | 2.2 | 84.6 | 84.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | |
| | 4.4 | 85.9 | 86.2 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | |
| | 4.3 | 87.9 | 88.1 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | |
| | 6.3 | 88.4 | 88.8 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | |
| | 8.3 | 90.1 | 90.5 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | |
| | 8.9 | 91.2 | 91.7 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | |
| | 8.9 | 92.2 | 92.6 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | |
| | 9.1 | 92.9 | 93.6 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | |
| | 9.3 | 93.5 | 94.2 | 94.6 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | |
| | 10.7 | 94.1 | 94.9 | 95.3 | 95.5 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | |
| | 11.1 | 94.9 | 95.7 | 96.3 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | |
| | 11.1 | 95.1 | 96.1 | 96.7 | 97.1 | 97.2 | 97.4 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | |
| | 11.1 | 95.3 | 96.4 | 97.1 | 97.6 | 97.8 | 98.1 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | |
| | 11.1 | 95.3 | 96.4 | 97.1 | 97.8 | 97.9 | 98.2 | 98.7 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | |
| | 11.1 | 95.3 | 96.4 | 97.1 | 97.8 | 98.0 | 98.3 | 98.7 | 98.9 | 99.1 | 99.3 | 99.4 | 99.5 | 99.6 | 99.8 | 99.8 | |
| | 11.1 | 95.3 | 96.4 | 97.1 | 97.8 | 98.0 | 98.3 | 98.7 | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.8 | 99.9 | 100.0 | |
| | 11.1 | 95.3 | 96.4 | 97.1 | 97.8 | 98.0 | 98.3 | 98.7 | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.8 | 99.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 44

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

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

# CEILING VERSUS VISIBILITY

...STATION  ...YE S AFB IV STATION NAME  73-83 YEARS  ALL MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2½ | 2 | 1½ | 1 | ⅝ | ½ | <½ |
| ... | 65.1 | 67.1 | 67.3 | 67.4 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.7 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ... | 72.3 | 74.3 | 74.5 | 74.6 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 |
| ... | 73.2 | 74.6 | 74.8 | 74.9 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ... | 73.2 | 74.7 | 74.9 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ... | 74.1 | 75.5 | 75.7 | 75.9 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ... | 75.5 | 77.2 | 77.4 | 77.5 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ... | 77.7 | 79.4 | 79.6 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ... | 77.9 | 79.6 | 79.8 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ... | 79.4 | 81.2 | 81.4 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ... | 79.9 | 81.8 | 82.0 | 82.2 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ... | 80.4 | 82.3 | 82.6 | 82.7 | 82.8 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ... | 81.5 | 83.7 | 84.1 | 84.1 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ... | 82.2 | 84.3 | 84.6 | 84.8 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 |
| ... | 82.3 | 85.5 | 85.9 | 86.1 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ... | 84.1 | 86.4 | 86.8 | 87.0 | 87.1 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ... | 85.1 | 87.6 | 87.9 | 88.2 | 88.3 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ... | 86.1 | 88.6 | 89.0 | 89.2 | 89.4 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ... | 87.3 | 90.1 | 90.4 | 90.7 | 90.9 | 90.9 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ... | 87.5 | 90.4 | 90.8 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ... | 88.4 | 91.7 | 92.1 | 92.4 | 92.6 | 92.6 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ... | 89.4 | 92.8 | 93.2 | 93.6 | 93.8 | 93.8 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 |
| ... | 89.8 | 93.6 | 94.2 | 94.5 | 94.7 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 |
| ... | 90.1 | 94.1 | 94.7 | 95.1 | 95.4 | 95.5 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ... | 92.3 | 94.4 | 95.2 | 95.6 | 95.9 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 |
| ... | 93.4 | 94.7 | 95.5 | 96.0 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 |
| ... | 93.5 | 95.0 | 95.8 | 96.5 | 96.9 | 97.0 | 97.2 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ... | 93.5 | 95.3 | 96.3 | 97.1 | 97.5 | 97.7 | 97.9 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ... | 93.4 | 95.4 | 96.5 | 97.3 | 97.9 | 98.4 | 98.4 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ... | 93.8 | 95.5 | 96.5 | 97.4 | 98.0 | 98.2 | 98.6 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ... | 93.8 | 95.5 | 96.5 | 97.4 | 98.0 | 98.2 | 98.7 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 |
| ... | 93.8 | 95.5 | 96.5 | 97.4 | 98.0 | 98.2 | 98.7 | 99.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.91 | 100.0 |
| ... | 93.8 | 95.5 | 96.5 | 97.4 | 98.0 | 98.2 | 98.7 | 99.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.91 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 67643

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

TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722265 — STATION
DYESS AFB TX — STATION NAME
74-83 — PERIOD
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | 00-02 | 40.5 | | | 20.2 | | | | | | 9.5 | 29.8 | 4.4 | 928 |
| | 03-05 | 39.2 | | | 19.8 | | | | | | 9.9 | 31.0 | 4.6 | 928 |
| | 06-08 | 26.5 | | | 25.6 | | | | | | 15.4 | 32.3 | 5.4 | 927 |
| | 09-11 | 19.7 | | | 20.9 | | | | | | 21.2 | 38.2 | 6.4 | 929 |
| | 12-14 | 18.1 | | | 25.9 | | | | | | 19.0 | 37.0 | 6.2 | 930 |
| | 15-17 | 17.0 | | | 27.7 | | | | | | 21.7 | 33.6 | 6.1 | 929 |
| | 18-20 | 21.4 | | | 29.5 | | | | | | 19.2 | 29.9 | 5.6 | 922 |
| | 21-23 | 36.5 | | | 20.1 | | | | | | 13.7 | 29.7 | 4.8 | 926 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 27.4 | | | 23.7 | | | | | | 16.2 | 32.7 | 5.4 | 7419 |

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

722665 STATION | DYESS AFB TX STATION NAME | 74-83 PERIOD | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| FEB | 00-02 | 39.6 | | | 23.9 | | | | | | 10.0 | 26.5 | 4.3 | 644 |
| | 03-05 | 30.8 | | | 29.6 | | | | | | 11.8 | 28.8 | 4.6 | 645 |
| | 06-08 | 25.4 | | | 27.0 | | | | | | 17.9 | 29.7 | 5.4 | 642 |
| | 09-11 | 16.9 | | | 27.0 | | | | | | 21.7 | 34.4 | 6.2 | 645 |
| | 12-14 | 17.5 | | | 29.8 | | | | | | 23.5 | 29.2 | 5.9 | 842 |
| | 15-17 | 15.9 | | | 31.7 | | | | | | 25.1 | 27.3 | 5.9 | 838 |
| | 18-20 | 18.2 | | | 35.5 | | | | | | 21.0 | 25.3 | 5.5 | 842 |
| | 21-23 | 35.7 | | | 28.1 | | | | | | 12.2 | 24.0 | 4.3 | 846 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 29.0 | | | 28.0 | | | | | | 17.9 | 28.2 | 5.3 | 6749 |

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

722665 — STATION
DYESS AFB TX — STATION NAME
74-83 — PERIOD
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAR | 00-02 | 36.9 | | | 24.0 | | | | | | 13.3 | 25.7 | 4.5 | 929 |
| | 03-05 | 34.2 | | | 22.3 | | | | | | 15.5 | 28.0 | 4.9 | 929 |
| | 06-08 | 20.7 | | | 27.0 | | | | | | 18.9 | 32.5 | 5.8 | 927 |
| | 09-11 | 14.5 | | | 29.8 | | | | | | 21.6 | 34.1 | 6.2 | 927 |
| | 12-14 | 14.9 | | | 28.4 | | | | | | 26.9 | 29.8 | 6.3 | 921 |
| | 15-17 | 13.9 | | | 28.6 | | | | | | 26.6 | 30.9 | 6.3 | 915 |
| | 18-20 | 17.6 | | | 32.2 | | | | | | 23.3 | 26.8 | 5.8 | 909 |
| | 21-23 | 31.5 | | | 29.6 | | | | | | 16.7 | 22.2 | 4.6 | 920 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 23.0 | | | 27.0 | | | | | | 20.4 | 28.8 | 5.6 | 7380 |

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

722665 DYESS AFB TX 74-83 APR
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00-02 | 34.0 | | | 26.2 | | | | | | 13.4 | 22.4 | 4.2 | 893 |
| | 03-05 | 37.2 | | | 24.9 | | | | | | 12.9 | 24.9 | 4.4 | 894 |
| | 06-08 | 18.2 | | | 29.1 | | | | | | 23.2 | 29.6 | 5.9 | 898 |
| | 09-11 | 20.6 | | | 26.1 | | | | | | 22.2 | 31.1 | 5.9 | 920 |
| | 12-14 | 19.0 | | | 31.4 | | | | | | 23.3 | 26.3 | 5.7 | 889 |
| | 15-17 | 17.5 | | | 35.5 | | | | | | 23.2 | 23.8 | 5.5 | 882 |
| | 18-20 | 19.4 | | | 33.6 | | | | | | 23.3 | 23.6 | 5.5 | 882 |
| | 21-23 | 32.4 | | | 31.6 | | | | | | 16.0 | 20.0 | 4.4 | 882 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.3 | | | 29.8 | | | | | | 19.7 | 25.2 | 5.2 | 7118 |

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722665 | DYESS AFB TX | 74-83 | MAY
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00-02 | 39.5 | | | 25.9 | | | | | | 15.1 | 19.6 | 4.1 | 930 |
| | 03-05 | 30.2 | | | 32.8 | | | | | | 16.3 | 20.8 | 4.5 | 926 |
| | 06-08 | 12.2 | | | 33.6 | | | | | | 30.6 | 23.6 | 6.1 | 923 |
| | 09-11 | 12.8 | | | 31.3 | | | | | | 32.0 | 23.9 | 6.2 | 926 |
| | 12-14 | 11.5 | | | 37.5 | | | | | | 33.1 | 17.8 | 5.9 | 930 |
| | 15-17 | 9.8 | | | 42.5 | | | | | | 31.5 | 16.1 | 5.7 | 926 |
| | 18-20 | 14.9 | | | 40.7 | | | | | | 29.2 | 15.2 | 5.4 | 921 |
| | 21-23 | 30.7 | | | 33.0 | | | | | | 17.9 | 18.4 | 4.4 | 922 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 20.2 | | | 34.7 | | | | | | 25.7 | 19.4 | 5.3 | 7413 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722665 (STATION) DYESS AFB TX (STATION NAME) 73-92 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUN | 00-02 | 44.9 | | | 25.2 | | | | | | 14.7 | 15.2 | 3.6 | 897 |
| | 03-05 | 37.9 | | | 28.1 | | | | | | 18.0 | 16.0 | 4.1 | 898 |
| | 06-08 | 16.7 | | | 39.8 | | | | | | 29.1 | 14.5 | 5.3 | 898 |
| | 09-11 | 17.5 | | | 42.1 | | | | | | 29.4 | 11.0 | 5.0 | 898 |
| | 12-14 | 15.6 | | | 49.1 | | | | | | 25.4 | 9.9 | 4.8 | 900 |
| | 15-17 | 14.6 | | | 54.3 | | | | | | 23.9 | 7.2 | 4.5 | 900 |
| | 18-20 | 16.8 | | | 53.3 | | | | | | 23.3 | 9.6 | 4.6 | 900 |
| | 21-23 | 29.4 | | | 40.0 | | | | | | 16.6 | 13.1 | 4.0 | 898 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 24.2 | | | 41.2 | | | | | | 22.6 | 12.1 | 4.5 | 7189 |

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

72256 DYESS AFB TX 72-82 JUL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00-02 | 40.0 | | | 23.6 | | | | | | 13.6 | 8.8 | 2.0 | 929 |
| | 03-05 | 42.4 | | | 32.0 | | | | | | 13.8 | 11.5 | 3.4 | 930 |
| | 06-08 | 14.2 | | | 53.0 | | | | | | 21.2 | 11.6 | 4.7 | 930 |
| | 09-11 | 15.7 | | | 51.7 | | | | | | 24.5 | 8.1 | 4.6 | 930 |
| | 12-14 | 7.0 | | | 58.7 | | | | | | 26.0 | 8.3 | 4.9 | 930 |
| | 15-17 | 4.6 | | | 58.7 | | | | | | 26.6 | 10.1 | 5.2 | 930 |
| | 18-20 | 3.7 | | | 53.9 | | | | | | 21.2 | 10.2 | 4.7 | 930 |
| | 21-23 | 30.5 | | | 48.5 | | | | | | 12.6 | 8.4 | 3.4 | 930 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 21.9 | | | 49.0 | | | | | | 19.9 | 9.7 | 4.2 | 7439 |

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

722565 (STATION) KYES AFB TX (STATION NAME) 73-82 (PERIOD) AUG (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 | | |
| AUG | 00-02 | 45.3 | | | 29.4 | | | | | | 13.6 | 11.5 | 7.2 | 930 |
| | 03-05 | 43.1 | | | 29.8 | | | | | | 13.7 | 13.4 | 3.5 | 930 |
| | 06-08 | 20.1 | | | 44.8 | | | | | | 21.5 | 13.6 | 4.6 | 926 |
| | 09-11 | 20.4 | | | 44.9 | | | | | | 23.8 | 10.9 | 4.6 | 927 |
| | 12-14 | 7.3 | | | 54.5 | | | | | | 29.7 | 8.5 | 5.2 | 930 |
| | 15-17 | 5.8 | | | 56.8 | | | | | | 28.9 | 8.5 | 5.2 | 930 |
| | 18-20 | 10.3 | | | 52.5 | | | | | | 29.5 | 7.7 | 5.0 | 930 |
| | 21-23 | 32.9 | | | 33.5 | | | | | | 18.4 | 10.2 | 3.8 | 930 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 27.3 | | | 43.8 | | | | | | 22.8 | 10.5 | 4.8 | 7433 |

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

23265 YEILS AFB TX 73-82 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| SEP | 00-02 | 40.5 | | | 20.7 | | | | | | 16.1 | 15.2 | 3.7 | 693 |
| | 03-05 | 34.6 | | | 31.4 | | | | | | 10.7 | 18.3 | 3.7 | 897 |
| | 06-08 | 16.3 | | | 41.7 | | | | | | 21.6 | 21.7 | 5.3 | 893 |
| | 09-11 | 14.9 | | | 41.6 | | | | | | 21.7 | 21.5 | 5.4 | 894 |
| | 12-14 | 7.9 | | | 43.5 | | | | | | 26.1 | 18.5 | 5.7 | 895 |
| | 15-17 | 11.3 | | | 42.7 | | | | | | 26.4 | 19.6 | 5.6 | 900 |
| | 18-20 | 15.2 | | | 44.2 | | | | | | 22.1 | 18.4 | 5.2 | 900 |
| | 21-23 | 33.1 | | | 33.6 | | | | | | 15.9 | 17.5 | 4.2 | 899 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 22.5 | | | 38.5 | | | | | | 19.6 | 19.4 | 4.9 | 7174 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

3226 65 — WYE 5 AFB TX — 77-83 — DEC
STATION — STATION NAME — PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS | TOTAL NUMBER OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| DEC | 01-04 | 42.1 | | | 25.2 | | | | | | 11.6 | 17.1 | 3.5 | 743 |
| | 04-07 | 46.8 | | | 27.2 | | | | | | 9.4 | 16.7 | 3.5 | 925 |
| | 07-10 | 29.8 | | | 32.7 | | | | | | 16.2 | 21.7 | 4.2 | 929 |
| | 10-11 | 10.7 | | | 33.7 | | | | | | 19.5 | 36.2 | 6.9 | 925 |
| | 13-16 | 25.2 | | | 36.2 | | | | | | 21.1 | 17.6 | 4.7 | 927 |
| | 16-19 | 24.4 | | | 39.1 | | | | | | 22.8 | 13.5 | 4.6 | 929 |
| | 19-22 | 32.1 | | | 38.8 | | | | | | 17.1 | 14.2 | 4.1 | 926 |
| | 22-01 | 45.3 | | | 25.6 | | | | | | 11.5 | 17.4 | 3.6 | 743 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 34.6 | | | 31.6 | | | | | | 16.2 | 17.7 | 4.2 | 7423 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

72268 — STATION — YEILS AFB, TX — STATION NAME — 22-2 — YEARS — NO. OF OBS.

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| MONTH | HOURS LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TOTAL SKY COVER | MEAN OPAQUE SKY COVER | NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | |
| AP. | 00-02 | 42.2 | | | 15.2 | | | | | | 12.7 | 4.1 | 2.6 | 922 |
| | 03-05 | 43.2 | | | 14.1 | | | | | | 10.2 | 4.1 | 2.2 | 895 |
| | 06-08 | 31.5 | | | 18.5 | | | | | | 14.2 | 6.6 | 4.7 | 896 |
| | 09-11 | 24.2 | | | 20.1 | | | | | | 21.7 | 8.6 | 5.4 | 922 |
| | 12-14 | 17.1 | | | 25.2 | | | | | | 22.2 | 8.1 | 5.4 | 920 |
| | 15-17 | 19.5 | | | 23.7 | | | | | | 22.2 | 8.1 | 5.2 | 897 |
| | 18-20 | 27.3 | | | 22.1 | | | | | | 16.7 | 19.7 | 4.5 | 907 |
| | 21-23 | 40.2 | | | 21.2 | | | | | | 13.5 | 6.7 | 3.7 | 909 |
| TOTALS | | 29.3 | | | 27.5 | | | | | | 15.7 | 23.1 | 4.6 | 7291 |

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

...L CLIMATOLOGY BRANCH
...ETAC
...SATILE SERVICE /MAC

# SKY COVER

...2 GF ... WEIC AFB TX ... 11-5 ...
STATION ... STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| MONTH | HOURS LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| ...C | ...-05 | 4.5 | | | 16.1 | | | | | .2 | 1.7 | 2.0 | 23. |
| | ...-08 | 5.6 | | | 19.2 | | | | | .2 | 1.7 | 1.0 | 27. |
| | ...-11 | 2.7 | | | 22.7 | | | | | 1.5 | 3.0 | 4.2 | 33. |
| | 9-11 | 21.5 | | | 22.7 | | | | | 24.3 | 7.1 | .8 | 22. |
| | 1-14 | 1.1 | | | 47.4 | | | | | 3.2 | .9 | .7 | 25. |
| | 1-17 | 1.7 | | | 38.7 | | | | | 24.0 | 3.9 | .5 | 31. |
| | 1-20 | 4.1 | | | 32.5 | | | | | 11.5 | 13.4 | 4.7 | 33. |
| | 1-23 | 41.1 | | | 27.4 | | | | | 11.2 | 3.0 | .7 | 24. |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTA | | .1 | | | .4 | | | | | 17. | 3.2 | 4.2 | 29.5 |

USAFETAC ... 0 9 5 OL A ...

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

# SKY COVER

[illegible] STATION [illegible] STATION NAME [illegible] [illegible] ALL HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN NUMBER OF TENTHS OF SKY COVER | TOTAL NUMBER OF OBSERVATIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| [illegible] | ALL | 27.4 | | | 23.7 | | | | | | 16.2 | 32.7 | 5.4 | 7419 |
| [illegible] | | 28.2 | | | 28.6 | | | | | | 17.5 | 23.2 | 5.3 | 6744 |
| [illegible] | | 20.7 | | | 27.4 | | | | | | 20.4 | 24.5 | 5.5 | 738 |
| [illegible] | | 26.3 | | | 23.9 | | | | | | 18.7 | 25.2 | 5.2 | 7118 |
| [illegible]Y | | 31.2 | | | 34.7 | | | | | | 25.7 | 19.4 | 5.7 | 7435 |
| [illegible] | | 24.2 | | | 41.2 | | | | | | 22.6 | 12.1 | 4.5 | 7189 |
| [illegible] | | 21.8 | | | 49.7 | | | | | | 19.9 | 9.7 | 4.7 | 7435 |
| [illegible] | | 22.3 | | | 43.2 | | | | | | 22.4 | 10.5 | 4.4 | 7433 |
| [illegible] | | 22.2 | | | 32.5 | | | | | | 19.6 | 19.4 | 4.9 | 7174 |
| [illegible] | | 34.6 | | | 31.6 | | | | | | 16.2 | 17.7 | 4.2 | 7423 |
| [illegible] | | 33.3 | | | 27.8 | | | | | | 15.7 | 23.1 | 4.6 | 7191 |
| [illegible] | | 31.1 | | | 28.6 | | | | | | 17.1 | 22.3 | 4.6 | 7425 |
| TOTALS | | 27.1 | | | 33.7 | | | | | | 19.4 | 20.6 | 4.9 | 87348 |

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

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

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

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

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

Continued on Reverse

E

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

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

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

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

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

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

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
722665 DYESS AFB TX 43-45, 56-83
STATION STATION NAME YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 105 | | | | | .3 | .1 | 1.1 | 1.2 | .1 | | | | .3 |
| 100 | | | | | 1.7 | 7.1 | 17.2 | 14.1 | 2.4 | .3 | | | 3.5 |
| 95 | | | .3 | 1.6 | 8.2 | 29.4 | 56.6 | 50.1 | 16.8 | 1.2 | .1 | | 13.6 |
| 90 | | | 2.0 | 7.8 | 24.3 | 61.6 | 83.0 | 77.4 | 41.5 | 7.5 | .2 | | 25.5 |
| 85 | .2 | 1.5 | 7.0 | 22.5 | 47.1 | 82.9 | 93.2 | 91.1 | 63.2 | 22.4 | 1.8 | .1 | 36.2 |
| 80 | 1.4 | 5.7 | 15.5 | 42.9 | 69.1 | 93.4 | 98.1 | 97.1 | 76.8 | 41.4 | 8.3 | 1.0 | 48.0 |
| 75 | 5.9 | 13.4 | 29.4 | 59.9 | 83.5 | 97.9 | 99.3 | 99.2 | 87.4 | 63.1 | 26.1 | 5.7 | 56.0 |
| 70 | 15.1 | 23.1 | 49.1 | 76.7 | 93.7 | 99.2 | 100.0 | 99.6 | 94.1 | 79.9 | 40.9 | 16.7 | 65.8 |
| 65 | 25.6 | 36.1 | 63.7 | 87.4 | 97.6 | 100.0 | | 100.0 | 98.0 | 88.4 | 54.9 | 31.6 | 73.7 |
| 60 | 39.6 | 50.8 | 75.5 | 92.9 | 99.2 | | | | 99.2 | 94.2 | 68.9 | 47.5 | 80.7 |
| 55 | 53.1 | 65.2 | 84.4 | 96.8 | 99.8 | | | | 99.8 | 97.2 | 80.0 | 62.2 | 86.6 |
| 50 | 66.5 | 75.6 | 91.3 | 99.4 | 100.0 | | | | 99.9 | 98.9 | 88.7 | 73.8 | 91.2 |
| 45 | 76.4 | 84.2 | 95.2 | 99.9 | | | | | 100.0 | 99.4 | 94.3 | 84.2 | 94.5 |
| 40 | 84.3 | 91.5 | 97.2 | 100.0 | | | | | | 100.0 | 97.7 | 91.0 | 96.6 |
| 35 | 90.5 | 96.3 | 99.3 | | | | | | | | 99.3 | 96.2 | 98.5 |
| 30 | 95.6 | 98.5 | 99.9 | | | | | | | | 99.8 | 99.0 | 99.4 |
| 25 | 98.3 | 99.6 | 100.0 | | | | | | | | 100.0 | 100.0 | 99.8 |
| 20 | 99.2 | 100.0 | | | | | | | | | | | 99.9 |
| 15 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 54.5 | 59.0 | 67.4 | 76.3 | 83.2 | 90.5 | 94.4 | 93.5 | 85.9 | 76.6 | 65.0 | 57.5 | 75.3 |
| S D | 13.802 | 13.303 | 12.257 | 10.175 | 8.613 | 6.834 | 5.782 | 6.168 | 9.044 | 9.919 | 11.827 | 11.956 | 17.219 |
| TOTAL OBS | 899 | 819 | 899 | 870 | 930 | 870 | 899 | 899 | 870 | 899 | 870 | 930 | 10654 |

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
72265 DYESS AFB TX
STATION STATION NAME

43-45, 56-83
YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | | | | | | .3 | 3.6 | 3.9 | | | | | .7 |
| 75 | | | | | 1.8 | 14.7 | 39.5 | 32.3 | 7.2 | .1 | | | 8.6 |
| 70 | | | | 1.4 | 12.6 | 50.8 | 79.1 | 70.6 | 33.4 | 3.8 | | | 21.3 |
| 65 | | | .9 | 10.7 | 36.1 | 80.1 | 97.8 | 94.0 | 59.2 | 15.8 | 1.3 | | 33.1 |
| 60 | .1 | .7 | 5.7 | 26.7 | 63.3 | 94.8 | 99.9 | 98.9 | 77.5 | 31.3 | 6.2 | .5 | 42.3 |
| 55 | 1.6 | 4.3 | 15.5 | 46.1 | 81.6 | 98.6 | 100.0 | 99.8 | 89.7 | 49.8 | 14.5 | 2.4 | 50.5 |
| 50 | 5.1 | 11.2 | 28.1 | 64.9 | 91.7 | 100.0 | | 100.0 | 96.9 | 69.6 | 26.7 | 8.3 | 58.7 |
| 45 | 11.7 | 20.0 | 45.4 | 82.2 | 97.2 | | | | 99.3 | 85.9 | 43.4 | 16.2 | 66.9 |
| 40 | 23.1 | 34.7 | 64.4 | 91.1 | 99.8 | | | | 99.9 | 94.9 | 64.9 | 29.4 | 75.3 |
| 35 | 39.9 | 54.2 | 80.0 | 97.1 | 100.0 | | | | 100.0 | 99.1 | 79.9 | 50.0 | 83.4 |
| 33 | 47.2 | 62.8 | 85.4 | 98.2 | | | | | | 99.7 | 86.2 | 59.8 | 86.6 |
| 30 | 59.4 | 74.6 | 91.5 | 99.1 | | | | | | 99.9 | 92.8 | 74.9 | 91.0 |
| 25 | 77.8 | 88.4 | 97.0 | 100.0 | | | | | | 100.0 | 97.5 | 88.8 | 95.6 |
| 20 | 86.8 | 96.6 | 99.2 | | | | | | | | 99.3 | 96.2 | 98.2 |
| 15 | 94.1 | 99.4 | 99.8 | | | | | | | | 100.0 | 98.9 | 99.3 |
| 10 | 97.8 | 99.9 | | | | | | | | | | 99.9 | 99.8 |
| 5 | 99.8 | 100.0 | 100.0 | | | | | | | | | 100.0 | 100.0 |
| 0 | 99.9 | | | | | | | | | | | | 100.0 |
| -10 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 31.8 | 36.2 | 43.4 | 52.9 | 61.1 | 68.9 | 72.9 | 71.9 | 65.2 | 54.4 | 43.3 | 35.2 | 53.1 |
| S D | 10.603 | 9.942 | 10.092 | 9.103 | 7.544 | 5.470 | 4.056 | 4.730 | 7.454 | 8.944 | 9.901 | 9.245 | 16.581 |
| TOTAL OBS | 899 | 819 | 899 | 870 | 930 | 870 | 899 | 899 | 870 | 899 | 870 | 930 | 10654 |

USAFETAC FORM 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY TEMPERATURES

722665 DYESS AFB TX 43-45, 56-83
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 95 | | | | | | | | .1 | | | | | .1 |
| 90 | | | | | .1 | 2.5 | 8.5 | 7.3 | .6 | | | | 1.4 |
| 85 | | | | .1 | 2.5 | 22.1 | 48.9 | 42.6 | 10.3 | .3 | | | 10.6 |
| 80 | | | .2 | 3.1 | 17.8 | 58.2 | 82.9 | 74.9 | 37.2 | 4.1 | .1 | | 23.3 |
| 75 | | .1 | 2.7 | 14.5 | 41.6 | 82.5 | 96.8 | 94.5 | 60.6 | 17.7 | .5 | | 34.4 |
| 70 | .1 | 1.3 | 9.0 | 32.6 | 66.6 | 95.3 | 99.7 | 99.2 | 77.7 | 34.5 | 6.4 | .3 | 43.7 |
| 65 | 1.7 | 6.6 | 19.9 | 53.1 | 85.1 | 99.2 | 100.0 | 99.9 | 92.1 | 56.4 | 18.9 | 3.5 | 53.2 |
| 60 | 7.5 | 15.4 | 37.5 | 73.6 | 94.1 | 100.0 | | 100.0 | 97.5 | 77.6 | 32.4 | 10.6 | 62.3 |
| 55 | 16.9 | 25.9 | 55.7 | 86.7 | 98.8 | | | | 99.5 | 89.8 | 49.8 | 21.6 | 70.5 |
| 50 | 30.7 | 44.4 | 73.2 | 94.1 | 99.8 | | | | 99.9 | 96.2 | 68.6 | 39.6 | 79.8 |
| 45 | 49.1 | 62.8 | 85.9 | 98.6 | 100.0 | | | | 100.0 | 98.8 | 82.5 | 59.1 | 86.4 |
| 40 | 65.9 | 76.9 | 93.1 | 99.8 | | | | | | 99.9 | 92.1 | 75.4 | 91.9 |
| 35 | 78.1 | 88.2 | 96.7 | 100.0 | | | | | | 100.0 | 97.6 | 88.7 | 95.8 |
| 30 | 87.0 | 95.1 | 98.9 | | | | | | | | 99.2 | 95.8 | 98.0 |
| 25 | 93.7 | 98.7 | 100.0 | | | | | | | | 99.8 | 98.8 | 99.2 |
| 20 | 97.8 | 99.8 | | | | | | | | | 100.0 | 100.0 | 99.8 |
| 15 | 99.3 | 100.0 | | | | | | | | | | | 99.9 |
| 10 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 43.4 | 47.8 | 55.6 | 64.8 | 72.4 | 80.0 | 83.9 | 82.9 | 75.8 | 65.7 | 54.4 | 46.6 | 64.4 |
| S D | 11.3 | 10.8 | 10.4 | 8.878 | 7.439 | 5.694 | 4.553 | 4.998 | 7.576 | 8.620 | 10.105 | 9.720 | 16.487 |
| TOTAL OBS | 899 | 819 | 899 | 870 | 931 | 870 | 899 | 899 | 870 | 899 | 870 | 930 | 10654 |

USAFETAC FORM 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

72265 STATION — VEGS AFB TX STATION NAME — 43-45, 56-83 YEARS

WHOLE DEGREES FAHRENHEIT

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

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 04 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

22665 STATION | YEVS AFB IX STATION NAME | 43-45, 56-87 YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 5 | 7 1 | 80 | 88 | 93 | 95 | | | | | | | | |
| MEAN | 76.6 | 80.3 | 5e.2 | 91.7 | 96.8 | 100.7 | 101.6 | 101.3 | 97.2 | 91.3 | 83.- | 76.7 | 1u4.0 |
| S D | 5.627 | 5.175 | 5.372 | 4.566 | 4.738 | 5.725 | 5.561 | 5.972 | 5.767 | 4.225 | 4.322 | 4.252 | 2.715 |
| TOTAL OBS | 899 | 819 | 899 | 870 | 930 | 870 | 899 | 899 | 870 | 899 | 870 | 930 | 10654 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

~~12665~~ STATION ~~DYESS AFB TX~~ STATION NAME ~~43-45, 56-83~~ YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | | | | | | | | | | | | 1* | |
| 44 | 7 | 19 | 23 | 37 | 45 | 61 | 65 | 59 | 54 | 41 | 28 | 24 | 7 |
| 45 | 25 | 25 | 37 | 30 | 40 | 56 | 63 | 63 | 43 | 37 | 24 | 18 | 18 |
| 56 | . | . | . | . | 55 | 67 | 69 | 59 | 54 | 48 | 22 | 25 | . |
| 57 | 13 | 31 | 31 | 29 | 46 | 58 | 70 | 66 | 53 | 31 | 23 | 22 | 13 |
| 58 | 23 | 20 | 28 | 37 | 48 | 60 | 64 | 64 | 51 | 45 | 26 | 13 | 13 |
| 59 | 4 | 17 | 29 | 30 | 50 | 62 | 65 | 65 | 47 | 39 | 17 | 26 | 4 |
| 60 | 18 | 10 | 16 | 36 | 41 | 62 | 65 | 64 | 54 | 39 | 23 | 21 | 10 |
| 61 | 13 | 23 | 32 | 35 | 45 | 60 | 64 | 53 | 50 | 38 | 31 | 17 | 13 |
| 62 | 5 | 13 | 9 | 33 | 46 | 58 | 66 | 54 | 53 | 43 | 31 | 17 | 5 |
| 63 | 5 | 16 | 28 | 43 | 53 | 61 | 67 | 62 | 42 | 43 | 31 | 16 | 5 |
| 64 | 11 | 23 | 28 | 36 | 44 | 50 | 60 | 66 | 48 | 43 | 24 | 16 | 11 |
| 65 | 22 | 16 | 15 | 45 | 54 | 59 | 57 | 62 | 51 | 39 | 27 | 27 | 15 |
| 66 | 7 | 15 | 23 | 37 | 43 | 65 | 70 | 55 | 51 | 34 | 24 | 9 | 7 |
| 67 | 11 | 18 | 20 | 40 | 35 | 62 | 65 | 61 | 42 | 38 | 31 | 22 | 11 |
| 68 | 11 | 21 | 26 | 32 | 47 | 60 | 64 | 64 | 46 | 36 | 30 | 13 | 11 |
| 69 | 18 | 26 | 20 | 39 | 45 | 52 | 66 | 68 | 57 | 37 | 29 | 23 | 18 |
| 70 | 12 | 22 | 26 | 27 | 41 | 52 | 61 | 61 | 52 | 35 | 22 | 20 | 12 |
| 71 | 6 | 7 | 17 | 28 | 40 | 63 | 60 | 60 | 46 | 43 | 29 | 26 | 6 |
| 72 | 9 | 15 | 26 | 33 | 44 | 50 | 62 | 65 | 39 | 35 | 25 | 13 | 9 |
| 73 | -7 | 21 | 36 | 28 | 41 | 56 | 63 | 59 | 48 | 38 | 32 | 16 | -7 |
| 74 | 12 | 21 | 28 | 36 | 47 | 53 | 65 | 65 | 45 | 42 | 28 | 21 | 12 |
| 75 | 11 | 21 | 27 | 28 | 44 | 55 | 65 | 61 | 44 | 38 | 23 | 13 | 11 |
| 76 | 9 | 25 | 30 | 36 | 44 | 53 | 63 | 61 | 49 | 29 | 16 | 11 | 9 |
| 77 | 8 | 24 | 25 | 33 | 54 | 59 | 69 | 68 | 59 | 33 | 30 | 18 | 8 |
| 78 | 16 | 15 | 17 | 39 | 42 | 59 | 67 | 64 | 58 | 41 | 32 | 19 | 15 |
| 79 | 10 | 19 | 29 | 39 | 37 | 50 | 65 | 58 | 48 | 34 | 19 | 20 | 10 |
| 80 | 21 | 15 | 8 | 34 | 49 | 60 | 65 | 72 | 57 | 33 | 26 | 2 | 8 |
| 81 | 28 | 14 | 33 | 40 | 43 | 56 | 67 | 62 | 49 | 36 | 30 | 21 | 14 |
| 82 | 7 | 15 | 20 | 33 | 40 | 53 | 69 | 70 | 56 | 40 | 18 | 23 | 7 |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 64 0-88-3 (OLA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

~~72265~~ STATION — LUKE S AFB AZ STATION NAME — ~~43-45, 56-83~~ YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 83 | 21 | 25 | 28 | 31 | 47 | | | | | | | | |
| MEAN | 12.9 | 19.0 | 24.5 | 34.6 | 44.9 | 57.6 | 64.9 | 62.5 | 49.9 | 38.2 | 25.6 | 18.8 | 9.8 |
| S D | 7.859 | 5.254 | 7.229 | 4.678 | 4.968 | 4.755 | 3.279 | 4.529 | 5.129 | 4.169 | 4.652 | 4.728 | 5.011 |
| TOTAL OBS | 899 | 819 | 899 | 870 | 930 | 870 | 899 | 899 | 870 | 899 | 870 | 930 | 10654 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM AWS 60 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/ 67 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 66/ 65 | | | | | | | | .1 | .2 | | | | | | | | | 3 | 3 | | |
| 64/ 63 | | .1 | .2 | | | | .1 | .2 | | | | | | | | | | 8 | 8 | | |
| 62/ 61 | | | .2 | .1 | | .1 | .4 | | .1 | | | | | | | | | 11 | 11 | 1 | |
| 60/ 59 | | | .2 | | .2 | .1 | .5 | | .2 | | | | | | | | | 12 | 12 | 2 | 1 |
| 58/ 57 | | .1 | .2 | | .1 | .1 | .3 | .1 | | | | | | | | | | 11 | 11 | 4 | 2 |
| 56/ 55 | | | .3 | .2 | .3 | .8 | .6 | .3 | | | | | | | | | | 24 | 24 | 3 | 3 |
| 54/ 53 | | .2 | .9 | .3 | .8 | .9 | .3 | | | | | | | | | | | 31 | 31 | 3 | 3 |
| 52/ 51 | | .3 | .9 | .5 | .6 | 1.1 | .4 | | | | | | | | | | | 36 | 36 | 16 | 2 |
| 50/ 49 | | .2 | 1.0 | .9 | 1.3 | 1.5 | .2 | | | | | | | | | | | 47 | 47 | 27 | 6 |
| 48/ 47 | | 1.5 | .9 | .5 | .5 | .3 | .5 | .2 | | | | | | | | | | 42 | 42 | 25 | 6 |
| 46/ 45 | | .8 | 1.1 | 1.2 | 1.5 | .8 | | | | | | | | | | | | 49 | 49 | 51 | 22 |
| 44/ 43 | | .9 | 1.0 | 1.4 | .9 | .4 | .3 | | | | | | | | | | | 44 | 44 | 41 | 19 |
| 42/ 41 | | 1.0 | 1.6 | 1.5 | 1.4 | .5 | .1 | | | | | | | | | | | 57 | 57 | 50 | 24 |
| 40/ 39 | | 1.3 | 1.9 | 3.2 | 1.2 | .3 | | | | | | | | | | | | 74 | 74 | 58 | 34 |
| 38/ 37 | | 1.7 | 2.6 | 1.2 | .3 | | | | | | | | | | | | | 54 | 54 | 67 | 32 |
| 36/ 35 | .1 | 2.7 | 3.8 | 1.7 | | | | | | | | | | | | | | 77 | 77 | 62 | 54 |
| 34/ 33 | .3 | 3.8 | 2.8 | 1.9 | .4 | | | | | | | | | | | | | 86 | 86 | 115 | 35 |
| 32/ 31 | | 1.8 | 2.2 | 2.2 | | | | | | | | | | | | | | 57 | 57 | 92 | 67 |
| 30/ 29 | .1 | 1.5 | 2.7 | 1.2 | | | | | | | | | | | | | | 51 | 51 | 57 | 79 |
| 28/ 27 | | 1.2 | 1.9 | .9 | | | | | | | | | | | | | | 37 | 37 | 48 | 84 |
| 26/ 25 | .2 | 1.7 | 1.0 | .4 | | | | | | | | | | | | | | 31 | 31 | 65 | 73 |
| 24/ 23 | .1 | .9 | .5 | .1 | | | | | | | | | | | | | | 15 | 15 | 39 | 46 |
| 22/ 21 | | 1.4 | .1 | .5 | | | | | | | | | | | | | | 19 | 19 | 32 | 51 |
| 20/ 19 | | 2.0 | .1 | | | | | | | | | | | | | | | 20 | 20 | 19 | 67 |
| 18/ 17 | | 1.0 | .4 | | | | | | | | | | | | | | | 13 | 13 | 20 | 30 |
| 16/ 15 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 9 | 44 |
| 14/ 13 | | 1.0 | | | | | | | | | | | | | | | | 9 | 9 | 11 | 32 |
| 12/ 11 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 6 | 27 |
| 10/ 9 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 4 | 24 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 3 | 12 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 14 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 90 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 | DYESS AFB TX | 74-82 | JAN

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 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | | 2 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | | 3 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | | | 3 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .9 | 27.7 | 28.8 | 20.0 | 9.8 | 7.1 | 4.1 | 1.0 | .5 | .1 | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | | 930 | | | 930 | |

| 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. | 4080916 | 59652 | 64.1 | 16.559 | 930 | | | | | | | |
| Dry Bulb | 1484231 | 35741 | 38.4 | 10.914 | 930 | | 26.3 | .1 | | | | 93 |
| Wet Bulb | 1143415 | 31431 | 33.8 | 9.346 | 930 | | 40.5 | | | | | 93 |
| Dew Point | 761789 | 24603 | 26.5 | 10.927 | 930 | 1.1 | 68.7 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | JAN MONTH



| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/ 65 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 64/ 63 | | | | | | | .1 | .3 | .3 | | | | | | | | | 6 | 6 | | |
| 62/ 61 | | .2 | .3 | | | .1 | | | | | | | | | | | | 6 | 6 | | |
| 6 / 59 | | .2 | .2 | | .4 | .4 | .3 | .3 | | | | | | | | | | 17 | 17 | 2 | 1 |
| 5 / 57 | | .1 | .3 | .1 | .4 | .3 | | .3 | | | | | | | | | | 14 | 14 | 6 | 2 |
| 56/ 55 | | | .5 | .1 | .1 | | .2 | | | | | | | | | | | 9 | 9 | 2 | 5 |
| 54/ 53 | | .3 | .4 | .4 | .9 | .6 | | | | | | | | | | | | 24 | 24 | 8 | 2 |
| 52/ 51 | | .3 | .8 | .3 | .2 | 1.2 | .8 | | | | | | | | | | | 31 | 31 | 16 | 2 |
| 50/ 49 | | | 1.2 | .4 | 1.6 | 1.2 | .3 | | | | | | | | | | | 44 | 44 | 24 | 9 |
| 48/ 47 | | 1.1 | .8 | .4 | 1.0 | .5 | .2 | | | | | | | | | | | 37 | 37 | 15 | 7 |
| 46/ 45 | .1 | 1.2 | .6 | 1.5 | 1.1 | .3 | .1 | | | | | | | | | | | 46 | 46 | 40 | 24 |
| 44/ 43 | | 1.3 | 1.1 | 1.1 | 1.3 | .3 | | | | | | | | | | | | 44 | 44 | 29 | 20 |
| 42/ 41 | | 1.7 | 1.6 | 2.3 | 1.1 | .6 | | | | | | | | | | | | 68 | 68 | 58 | 23 |
| 40/ 39 | | 1.3 | 2.4 | 1.9 | .8 | .2 | | | | | | | | | | | | 61 | 61 | 67 | 30 |
| 38/ 37 | | 1.7 | 1.7 | 1.8 | .1 | .1 | | | | | | | | | | | | 51 | 51 | 53 | 32 |
| 36/ 35 | | 1.6 | 4.0 | 1.5 | .3 | | | | | | | | | | | | | 69 | 69 | 75 | 32 |
| 34/ 33 | .3 | 4.2 | 3.9 | 1.6 | .1 | | | | | | | | | | | | | 94 | 94 | 87 | 42 |
| 32/ 31 | | 2.3 | 3.9 | 1.3 | .1 | | | | | | | | | | | | | 66 | 66 | 89 | 90 |
| 30/ 29 | .4 | 1.4 | 2.3 | 1.2 | .1 | | | | | | | | | | | | | 48 | 48 | 65 | 69 |
| 28/ 27 | .1 | 2.0 | 2.6 | .3 | | | | | | | | | | | | | | 47 | 47 | 66 | 83 |
| 26/ 25 | | 2.2 | 1.3 | .1 | | | | | | | | | | | | | | 33 | 33 | 51 | 76 |
| 24/ 23 | | 1.4 | .8 | | | | | | | | | | | | | | | 20 | 20 | 58 | 42 |
| 22/ 21 | .1 | 1.4 | .2 | .4 | | | | | | | | | | | | | | 20 | 20 | 29 | 53 |
| 20/ 19 | | 1.9 | .2 | .3 | | | | | | | | | | | | | | 23 | 23 | 15 | 71 |
| 18/ 17 | | 1.8 | .5 | | | | | | | | | | | | | | | 22 | 22 | 23 | 41 |
| 16/ 15 | | 1.1 | .3 | | | | | | | | | | | | | | | 13 | 13 | 19 | 39 |
| 14/ 13 | .1 | .3 | | | | | | | | | | | | | | | | 4 | 4 | 17 | 37 |
| 12/ 11 | | .8 | | | | | | | | | | | | | | | | 7 | 7 | 7 | 23 |
| 10/ 9 | | .2 | .3 | | | | | | | | | | | | | | | 5 | 5 | 5 | 24 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 3 | 18 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 1 | 9 |
| 4/ 1 | | | | | | | | | | | | | | | | | | | | | 11 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 7 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 3 |

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

USAFETAC FORM 0 26 3 OL A (2-7) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-87 YEARS | JAN MONTH

PAGE 2 0300-0500

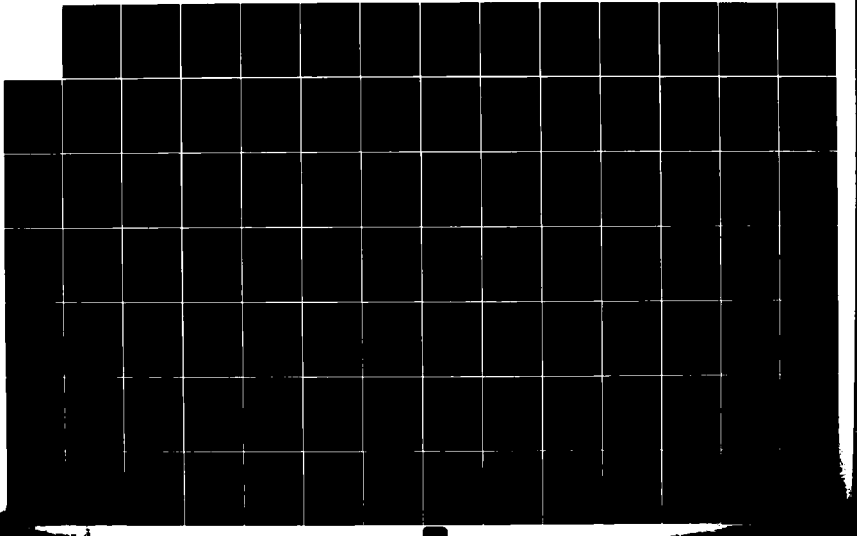
| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. W.B. | TOTAL Dry B. | TOTAL Wet B. | TOTAL Dew P. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.232. | 031. | 916. | 9 | 6.1 | 2.0 | .4 | .3 | | | | | | | | | | 930 | | | 930 |

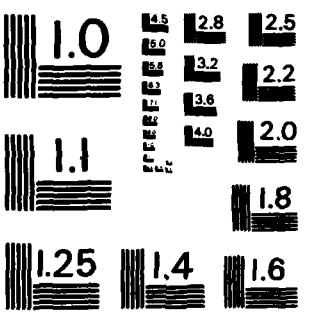
| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≤65 F | ≤75 F | ≤ F | ≤ F |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4329132 | 61760 | 66.4 | 15.565 | 93 | | | | | | |
| Dry Bulb | 1388667 | 34445 | 37.0 | 11.024 | 93 | | 30.8 | | | | |
| Wet Bulb | 1094899 | 30615 | 32.9 | 9.681 | 93 | | 44.8 | | | | |
| Dew Point | 750795 | 24321 | 26.2 | 11.115 | 93 | 1.7 | 69.9 | | | | |

USAFETAC FORM 0-26-3 OL-A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

AD-A137 575 DYESS AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 21 SEP 83

UNCLASSIFIED USAFETAC/DS-83/045 SBI-AD-E850 488 F/G 4/2 NL






MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN (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 |
| 66/ 65 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 64/ 63 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 1 | |
| 62/ 61 | | | .1 | | | .2 | | .1 | .1 | | | | | | | | | 5 | 5 | | 1 |
| 60/ 59 | | .5 | | .3 | .1 | | | | | | | | | | | | | 9 | 9 | 2 | |
| 58/ 57 | | | .2 | .4 | .2 | .2 | .2 | .1 | | | | | | | | | | 13 | 13 | 6 | 3 |
| 56/ 55 | | | .6 | .2 | .5 | | | | | | | | | | | | | 13 | 13 | 3 | 5 |
| 54/ 53 | | .3 | .8 | .3 | .3 | .1 | | | | | | | | | | | | 17 | 17 | 2 | |
| 52/ 51 | | .1 | .4 | .6 | .4 | .9 | | | | | | | | | | | | 23 | 23 | 18 | 3 |
| 50/ 49 | | .2 | 1.0 | .5 | 1.2 | .5 | .1 | | | | | | | | | | | 33 | 33 | 13 | 8 |
| 48/ 47 | | .9 | .9 | .9 | .8 | .8 | .3 | | | | | | | | | | | 41 | 41 | 22 | 14 |
| 46/ 45 | .1 | 1.3 | .9 | .9 | 1.5 | .1 | | | | | | | | | | | | 44 | 44 | 32 | 13 |
| 44/ 43 | .2 | .9 | .9 | 1.5 | .8 | .5 | | | | | | | | | | | | 44 | 44 | 31 | 21 |
| 42/ 41 | | 1.2 | 2.4 | 2.3 | .5 | .2 | | | | | | | | | | | | 61 | 61 | 46 | 22 |
| 40/ 39 | .2 | 1.6 | 2.0 | 1.6 | .6 | | | | | | | | | | | | | 57 | 57 | 52 | 26 |
| 38/ 37 | | 2.6 | 2.0 | 1.0 | .6 | | | | | | | | | | | | | 58 | 58 | 74 | 29 |
| 36/ 35 | | 1.4 | 3.9 | 1.1 | .1 | | | | | | | | | | | | | 60 | 60 | 65 | 43 |
| 34/ 33 | .4 | 4.3 | 3.0 | .9 | .3 | | | | | | | | | | | | | 83 | 83 | 74 | 42 |
| 32/ 31 | | 2.5 | 4.6 | 1.4 | .5 | | | | | | | | | | | | | 84 | 84 | 83 | 80 |
| 30/ 29 | .4 | 3.0 | 2.0 | 1.2 | | | | | | | | | | | | | | 62 | 62 | 74 | 68 |
| 28/ 27 | .2 | 1.9 | 2.6 | | | | | | | | | | | | | | | 44 | 44 | 71 | 78 |
| 26/ 25 | .2 | 2.2 | .9 | | | | | | | | | | | | | | | 30 | 30 | 64 | 70 |
| 24/ 23 | | 1.9 | .9 | .1 | | | | | | | | | | | | | | 27 | 27 | 52 | 45 |
| 22/ 21 | .1 | 1.5 | 1.3 | .1 | | | | | | | | | | | | | | 28 | 28 | 24 | 57 |
| 20/ 19 | | 1.1 | 1.1 | .2 | | | | | | | | | | | | | | 22 | 22 | 27 | 69 |
| 18/ 17 | .2 | 2.5 | .6 | | | | | | | | | | | | | | | 31 | 31 | 22 | 37 |
| 16/ 15 | | 1.2 | .4 | | | | | | | | | | | | | | | 15 | 15 | 34 | 49 |
| 14/ 13 | | 1.0 | | | | | | | | | | | | | | | | 9 | 9 | 17 | 21 |
| 12/ 11 | | .5 | | | | | | | | | | | | | | | | 5 | 5 | 10 | 30 |
| 10/ 9 | | .5 | .2 | | | | | | | | | | | | | | | 7 | 7 | 6 | 37 |
| 8/ 7 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 19 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 2 | 7 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 7 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 16 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 9 |

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN (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 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 3 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.2 | 35.2 | 34.0 | 15.5 | 8.6 | 3.5 | .6 | .2 | .1 | .1 | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 4547335 | 63555 | 68.3 | 14.821 | 930 | | | | | | | |
| Dry Bulb | 1292538 | 33138 | 35.6 | 10.968 | 930 | | 36.5 | | | | | 93 |
| Wet Bulb | 1041567 | 29741 | 32.0 | 9.868 | 930 | | 48.9 | | | | | 93 |
| Dew Point | 730435 | 23821 | 25.6 | 11.379 | 930 | 1.0 | 70.0 | | | | | 93 |

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

USAFETAC

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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN (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 |
| 82/ 81 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 76/ 75 | | | | | | | | | | .2 | | .1 | | | | | | 3 | 3 | | |
| 70/ 69 | | | | | | | | .1 | .1 | | | | | | | | | 2 | 2 | | |
| 68/ 67 | | | | | .1 | | | .1 | .5 | .2 | | | | | | | | 9 | 9 | | |
| 66/ 65 | | | | .1 | | .1 | .1 | .3 | .3 | | | .1 | | | | | | 10 | 10 | | |
| 64/ 63 | | .1 | | .3 | .1 | .3 | .2 | .1 | .3 | | .2 | | | | | | | 16 | 16 | | |
| 62/ 61 | | .1 | .1 | .2 | .1 | .2 | .4 | .3 | .2 | .1 | .1 | | | | | | | 18 | 18 | 2 | 2 |
| 60/ 59 | | .2 | | .1 | .5 | .2 | .4 | .9 | | | | | | | | | | 22 | 22 | 4 | |
| 58/ 57 | | .1 | .2 | .2 | .5 | 1.1 | .5 | .3 | .1 | | | | | | | | | 28 | 28 | 8 | 1 |
| 56/ 55 | | | .2 | .3 | .6 | .4 | .9 | .2 | .1 | | | | | | | | | 26 | 26 | 9 | 6 |
| 54/ 53 | .1 | .2 | .3 | .4 | .6 | 1.4 | .6 | .3 | | | | | | | | | | 38 | 38 | 9 | 5 |
| 52/ 51 | | .3 | .3 | 1.0 | .9 | 1.1 | .4 | .5 | | | | | | | | | | 42 | 42 | 24 | 3 |
| 50/ 49 | | .2 | .5 | .6 | 1.4 | 1.0 | .9 | .1 | | | | | | | | | | 44 | 44 | 28 | 2 |
| 48/ 47 | | .3 | 1.2 | 1.0 | 1.1 | .6 | .6 | | | | | | | | | | | 46 | 46 | 44 | 12 |
| 46/ 45 | | 1.2 | .6 | 1.3 | 1.6 | .6 | .4 | | | | | | | | | | | 58 | 58 | 43 | 17 |
| 44/ 43 | .1 | 1.6 | 1.5 | 2.0 | 1.1 | .6 | .1 | | | | | | | | | | | 66 | 66 | 61 | 18 |
| 42/ 41 | .2 | 1.3 | 1.8 | 1.5 | 1.3 | .2 | | | | | | | | | | | | 59 | 59 | 71 | 35 |
| 40/ 39 | | 2.0 | 1.6 | 1.6 | 1.0 | .2 | | | | | | | | | | | | 60 | 60 | 72 | 49 |
| 38/ 37 | | 1.1 | 1.3 | .9 | 1.0 | .2 | | | | | | | | | | | | 41 | 41 | 89 | 32 |
| 36/ 35 | | 2.2 | 1.9 | 1.4 | | | | | | | | | | | | | | 51 | 51 | 58 | 45 |
| 34/ 33 | .1 | 2.8 | 1.3 | 2.5 | .5 | | | | | | | | | | | | | 67 | 67 | 78 | 58 |
| 32/ 31 | .5 | 2.0 | 2.4 | 1.1 | .1 | | | | | | | | | | | | | 57 | 57 | 63 | 103 |
| 30/ 29 | .1 | .6 | 1.4 | 1.1 | | | | | | | | | | | | | | 30 | 30 | 52 | 68 |
| 28/ 27 | .1 | 1.7 | .9 | .2 | .1 | | | | | | | | | | | | | 28 | 28 | 48 | 68 |
| 26/ 25 | | 1.4 | 1.1 | .4 | | | | | | | | | | | | | | 27 | 27 | 46 | 35 |
| 24/ 23 | | .1 | .9 | .5 | | | | | | | | | | | | | | 14 | 14 | 25 | 43 |
| 22/ 21 | .1 | .2 | 1.6 | .3 | | | | | | | | | | | | | | 23 | 23 | 18 | 50 |
| 20/ 19 | | 1.6 | 1.1 | .2 | | | | | | | | | | | | | | 27 | 27 | 25 | 66 |
| 18/ 17 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 25 | 40 |
| 16/ 15 | | .8 | .1 | .1 | | | | | | | | | | | | | | 9 | 9 | 17 | 33 |
| 14/ 13 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 6 | 22 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 38 |
| 10/ 9 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 16 |
| 8/ 7 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 8 |

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

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

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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 67 / 5 | | | | | | | | | | | | | | | | | | | | | 8 |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 6 |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | | 16 |
| 0 / -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -27 / -3 | | | | | | | | | | | | | | | | | | | | | 4 |
| -12 / -13 | | | | | | | | | | | | | | | | | | | | | 1 |
| -14 / -15 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.6 | 22.8 | 22.7 | 19.5 | 12.9 | 8.5 | 5.8 | 3.3 | 1.7 | .5 | .3 | .2 | | .1 | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 3754599 | 56583 | 60.8 | 18.325 | 930 | | | | | | | |
| Dry Bulb | 1722626 | 38410 | 41.3 | 12.111 | 930 | | 22.3 | 1.5 | .8 | .1 | | 93 |
| Wet Bulb | 1277672 | 33232 | 35.7 | 9.683 | 930 | | 33.0 | | | | | 93 |
| Dew Point | 821829 | 28573 | 27.5 | 11.300 | 930 | .9 | 62.5 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | .1 | .1 | | | 2 | 2 | | |
| 84/ 83 | | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 82/ 81 | | | | | | | | | | | | .1 | | .1 | | | | | 2 | 2 | | |
| 80/ 79 | | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 78/ 77 | | | | | | | | | | | .2 | .1 | | | | | | | 3 | 3 | | |
| 76/ 75 | | | | | | | | | .1 | | .8 | .2 | | .1 | | | | | 11 | 11 | | |
| 74/ 73 | | | | | | | .1 | | | .2 | .4 | .4 | | .1 | | | | | 12 | 12 | | |
| 72/ 71 | | | | | | .1 | | | .3 | .8 | 1.0 | .1 | .1 | | | | | | 22 | 22 | | |
| 70/ 69 | | | .1 | | | .3 | .2 | .2 | .3 | .8 | .4 | .1 | | | | | | | 23 | 23 | | |
| 68/ 67 | | | | | .1 | | .2 | .2 | 1.0 | .3 | .2 | .2 | | | | | | | 21 | 21 | | |
| 66/ 65 | | .2 | | | | .1 | .3 | .5 | .6 | .6 | .3 | .1 | | | | | | | 27 | 27 | 1 | |
| 64/ 63 | | | .3 | .2 | | .3 | .8 | .9 | 1.5 | .8 | .1 | | | | | | | | 42 | 42 | 2 | 1 |
| 62/ 61 | | | | | .1 | .4 | .2 | 1.1 | 1.1 | .2 | | | | | | | | | 29 | 29 | 2 | 2 |
| 60/ 59 | | | | .2 | .1 | .3 | 1.1 | 1.2 | 1.1 | .3 | | | | | | | | | 40 | 40 | 13 | |
| 58/ 57 | | | .1 | | .6 | .4 | 1.4 | 2.4 | .9 | .3 | | | | | | | | | 57 | 57 | 8 | 3 |
| 56/ 55 | | | | .3 | .3 | 1.0 | 1.5 | 1.0 | .2 | | | | | | | | | | 38 | 38 | 25 | 1 |
| 54/ 53 | | | .1 | .6 | .5 | .9 | 1.6 | .8 | .2 | .1 | | | | | | | | | 45 | 45 | 26 | 5 |
| 52/ 51 | | .3 | .4 | .4 | .6 | 1.0 | 1.3 | .6 | .2 | | | | | | | | | | 45 | 45 | 46 | 2 |
| 50/ 49 | | .3 | .3 | .5 | 1.3 | 1.6 | 1.0 | .5 | | | | | | | | | | | 52 | 52 | 44 | 7 |
| 48/ 47 | | .6 | .3 | 1.5 | .9 | .6 | .8 | .1 | | | | | | | | | | | 45 | 45 | 71 | 5 |
| 46/ 45 | | 1.0 | .6 | .9 | 1.3 | .8 | .4 | | | | | | | | | | | | 46 | 46 | 78 | 14 |
| 44/ 43 | .2 | .4 | 1.0 | .9 | .3 | .4 | .2 | | | | | | | | | | | | 32 | 32 | 79 | 27 |
| 42/ 41 | .1 | 1.1 | .8 | 1.0 | .9 | .6 | | | | | | | | | | | | | 41 | 41 | 78 | 36 |
| 40/ 39 | .2 | 1.0 | .9 | .6 | 1.9 | .4 | | | | | | | | | | | | | 47 | 47 | 76 | 41 |
| 38/ 37 | | .8 | .6 | 1.3 | 1.1 | .5 | | | | | | | | | | | | | 40 | 40 | 55 | 47 |
| 36/ 35 | | 1.6 | .9 | 1.2 | 1.1 | .1 | | | | | | | | | | | | | 45 | 45 | 46 | 63 |
| 34/ 33 | | 1.9 | .5 | .5 | .2 | .1 | | | | | | | | | | | | | 31 | 31 | 57 | 66 |
| 32/ 31 | .3 | .8 | 1.2 | 1.0 | .2 | | | | | | | | | | | | | | 32 | 32 | 55 | 109 |
| 30/ 29 | | 1.0 | .3 | .6 | .4 | | | | | | | | | | | | | | 22 | 22 | 33 | 68 |
| 28/ 27 | | .5 | 1.1 | .8 | .3 | | | | | | | | | | | | | | 25 | 25 | 36 | 65 |
| 26/ 25 | | .4 | .5 | .6 | .2 | | | | | | | | | | | | | | 17 | 17 | 19 | 61 |
| 24/ 23 | | .3 | 1.1 | .1 | | | | | | | | | | | | | | | 14 | 14 | 27 | 34 |
| 22/ 21 | | | .3 | .5 | | | | | | | | | | | | | | | 8 | 8 | 19 | 43 |
| 20/ 19 | .2 | .2 | .3 | .1 | | | | | | | | | | | | | | | 8 | 8 | 18 | 50 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | JAN 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18/ 17 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 7 | 30 |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 40 |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 30 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 24 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 1 | 13 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 4 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 13 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 9 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 6 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 5 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 2 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 2 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.2 | 12.6 | 11.8 | 14.0 | 12.5 | 10.1 | 11.1 | 9.5 | 7.5 | 4.1 | 3.4 | 1.4 | .2 | .4 | .1 | .1 | | 930 | 930 | 930 | 930 |

| 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. | 2654225 | 45819 | 49.3 | 20.668 | 930 | | | | | | | |
| Dry Bulb | 2368478 | 45128 | 48.5 | 13.868 | 930 | | 13.0 | 9.8 | 3.2 | .6 | | 93 |
| Wet Bulb | 1553256 | 36886 | 39.7 | 9.857 | 930 | | 22.3 | | | | | 93 |
| Dew Point | 840632 | 26010 | 28.0 | 11.038 | 930 | 1.1 | 61.0 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (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 |
| 84/ 83 | | | | | | | | | | | | | | .3 | .2 | | | 5 | 5 | | |
| 82/ 81 | | | | | | | | | | | .1 | .1 | | .1 | .1 | | | 4 | 4 | | |
| 80/ 79 | | | | | | | | | | | | .1 | .1 | | | | | 2 | 2 | | |
| 78/ 77 | | | | | | | | | | | .4 | .9 | .3 | | | | | 15 | 15 | | |
| 76/ 75 | | | | | | | | | | .2 | .6 | .2 | .4 | .3 | | | | 17 | 17 | | |
| 74/ 73 | | | | | | | .1 | .2 | | .3 | .8 | .6 | .4 | .2 | | | | 23 | 23 | | |
| 72/ 71 | | | | | | .1 | .1 | .1 | | | 1.2 | .1 | .1 | | | | | 16 | 16 | | |
| 70/ 69 | | | | | | .1 | .3 | .1 | .3 | 1.1 | 1.1 | .2 | | | | | | 30 | 30 | | |
| 68/ 67 | | | | | | | .3 | .3 | .2 | 1.0 | 1.0 | | | | | | | 26 | 26 | | |
| 66/ 65 | | | | .1 | .1 | | .3 | 1.0 | .6 | .8 | .1 | | | | | | | 28 | 28 | | |
| 64/ 63 | | | | | | | .8 | .8 | 1.2 | .6 | .9 | | | | | | | 39 | 39 | | |
| 62/ 61 | | | | | .8 | .4 | .4 | .9 | 1.4 | .8 | .1 | | | | | | | 44 | 44 | 5 | |
| 60/ 59 | | | .2 | .2 | .3 | .8 | .6 | 2.5 | 1.1 | .3 | | | | | | | | 56 | 56 | 6 | |
| 58/ 57 | | | | .1 | | .2 | 1.3 | 2.9 | 1.1 | .3 | | | | | | | | 55 | 55 | 17 | 1 |
| 56/ 55 | | | .1 | .2 | | .8 | 1.6 | 1.2 | .4 | | | | | | | | | 40 | 40 | 26 | 1 |
| 54/ 53 | | .2 | .3 | .4 | 1.1 | 1.2 | 1.2 | .8 | .2 | | | | | | | | | 50 | 50 | 38 | 5 |
| 52/ 51 | | .1 | .5 | .6 | .5 | 1.9 | 1.1 | .3 | .2 | | | | | | | | | 46 | 46 | 59 | 3 |
| 50/ 49 | | | .4 | .5 | .8 | 1.3 | .5 | 1.1 | | | | | | | | | | 43 | 43 | 59 | 10 |
| 48/ 47 | | .3 | .5 | .6 | .9 | .9 | .6 | .3 | | | | | | | | | | 39 | 39 | 67 | 7 |
| 46/ 45 | | .5 | .4 | 1.0 | 1.1 | .6 | .2 | | | | | | | | | | | 36 | 36 | 87 | 16 |
| 44/ 43 | | .8 | .3 | .4 | .8 | 1.0 | .1 | | | | | | | | | | | 31 | 31 | 92 | 17 |
| 42/ 41 | .1 | .5 | .5 | .2 | 1.1 | .6 | .4 | | | | | | | | | | | 33 | 33 | 67 | 42 |
| 40/ 39 | | .9 | .5 | .6 | .9 | 1.0 | .3 | | | | | | | | | | | 39 | 39 | 58 | 30 |
| 38/ 37 | .3 | 1.2 | 1.1 | .3 | 1.3 | .2 | | | | | | | | | | | | 41 | 41 | 46 | 52 |
| 36/ 35 | | 1.6 | .9 | 1.0 | .6 | | | | | | | | | | | | | 38 | 38 | 52 | 50 |
| 34/ 33 | | 1.6 | .8 | .3 | .6 | .3 | | | | | | | | | | | | 34 | 34 | 61 | 62 |
| 32/ 31 | | 1.1 | .2 | 1.1 | .2 | | | | | | | | | | | | | 24 | 24 | 35 | 95 |
| 30/ 29 | | .8 | .6 | .9 | | | | | | | | | | | | | | 21 | 21 | 48 | 93 |
| 28/ 27 | | .5 | .8 | 1.0 | .3 | | | | | | | | | | | | | 24 | 24 | 19 | 85 |
| 26/ 25 | | .4 | .6 | .2 | | | | | | | | | | | | | | 12 | 12 | 31 | 50 |
| 24/ 23 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 22 | 46 |
| 22/ 21 | .2 | .1 | .4 | .1 | | | | | | | | | | | | | | 8 | 8 | 14 | 39 |
| 20/ 19 | | | .3 | .4 | | | | | | | | | | | | | | 7 | 7 | 8 | 38 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 4 | 33 |

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

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

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# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | JAN 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 |
| 16/ 15 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 5 | 42 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 4 | 33 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 22 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 16 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 4 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 15 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 9 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 5 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 3 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 2 |
| -12/ -13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .6 | 11.0 | 9.8 | 10.4 | 11.3 | 11.0 | 10.4 | 12.4 | 6.8 | 5.2 | 6.2 | 2.3 | 1.4 | 1.0 | .3 | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 2310546 | 42046 | 45.2 | 20.998 | 930 | | | | | | | |
| Dry Bulb | 2603747 | 47395 | 51.0 | 19.240 | 930 | | 10.0 | 13.8 | 6.6 | 1.0 | | 93 |
| Wet Bulb | 1632688 | 37926 | 40.8 | 9.624 | 930 | | 19.0 | | | | | 93 |
| Dew Point | 819289 | 25717 | 27.7 | 20.789 | 930 | .9 | 63.4 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN (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 |
| 78/ 77 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 72/ 71 | | | | | | | | | .2 | .3 | | | | | | | | 5 | 5 | | |
| 70/ 69 | | | | | | .1 | | | .3 | .3 | .1 | .1 | .2 | | | | | 11 | 11 | | |
| 68/ 67 | | | | | .1 | .1 | .1 | .2 | .3 | .2 | | | | | | | | 10 | 10 | | |
| 66/ 65 | | | | .1 | .2 | | .1 | .1 | .2 | .2 | .2 | | | | | | | 11 | 11 | | |
| 64/ 63 | | | .1 | | .1 | .1 | .4 | .4 | .5 | .8 | | | | | | | | 23 | 23 | | |
| 62/ 61 | | | | | | .4 | .3 | .5 | .8 | | | | | | | | | 19 | 19 | 2 | |
| 60/ 59 | | | | | .4 | .4 | .3 | .4 | .4 | .2 | .1 | | | | | | | 22 | 22 | 2 | |
| 58/ 57 | | | .1 | .3 | .9 | .8 | 1.1 | .9 | | .2 | | | | | | | | 39 | 39 | 5 | 3 |
| 56/ 55 | | .1 | .4 | .4 | .4 | 1.3 | 1.1 | .8 | .5 | | | | | | | | | 47 | 47 | 4 | |
| 54/ 53 | | | .1 | .2 | 1.1 | 1.5 | 1.7 | .8 | | | | | | | | | | 50 | 50 | 14 | 1 |
| 52/ 51 | | .1 | .2 | .8 | .5 | 1.6 | .6 | .2 | .2 | | | | | | | | | 40 | 40 | 28 | 4 |
| 50/ 49 | | | .4 | .4 | 2.4 | 1.5 | .8 | .5 | .1 | | | | | | | | | 57 | 57 | 32 | 5 |
| 48/ 47 | | 1.1 | .5 | 1.7 | 1.9 | .9 | .9 | .3 | | | | | | | | | | 68 | 68 | 43 | 6 |
| 46/ 45 | | .5 | .9 | 1.3 | 2.5 | 1.5 | .6 | .2 | | | | | | | | | | 70 | 70 | 66 | 13 |
| 44/ 43 | | 1.0 | .6 | .9 | 1.3 | .6 | .2 | | | | | | | | | | | 43 | 43 | 72 | 25 |
| 42/ 41 | | .6 | 1.4 | 1.1 | 1.0 | .6 | | | | | | | | | | | | 44 | 44 | 84 | 23 |
| 40/ 39 | .1 | .9 | 1.5 | 2.4 | 1.3 | .5 | | | | | | | | | | | | 62 | 62 | 78 | 44 |
| 38/ 37 | | 1.3 | 1.5 | .8 | 1.2 | .5 | | | | | | | | | | | | 49 | 49 | 75 | 40 |
| 36/ 35 | .4 | 1.8 | 1.2 | 1.2 | 1.2 | | | | | | | | | | | | | 54 | 54 | 74 | 45 |
| 34/ 33 | .1 | 1.6 | 1.2 | .6 | .6 | .1 | | | | | | | | | | | | 40 | 40 | 84 | 56 |
| 32/ 31 | | 2.5 | 1.4 | 1.3 | .8 | | | | | | | | | | | | | 55 | 55 | 49 | 97 |
| 30/ 29 | | .5 | .8 | .9 | .5 | | | | | | | | | | | | | 25 | 25 | 56 | 79 |
| 28/ 27 | .1 | .8 | 1.4 | 1.0 | .1 | | | | | | | | | | | | | 31 | 31 | 37 | 97 |
| 26/ 25 | | 1.1 | .9 | .4 | | | | | | | | | | | | | | 22 | 22 | 37 | 48 |
| 24/ 23 | | .1 | .2 | .2 | | | | | | | | | | | | | | 5 | 5 | 36 | 52 |
| 22/ 21 | .3 | .4 | .2 | .1 | | | | | | | | | | | | | | 10 | 10 | 21 | 48 |
| 20/ 19 | | .1 | .2 | .2 | | | | | | | | | | | | | | 5 | 5 | 11 | 39 |
| 18/ 17 | | | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 4 | 39 |
| 16/ 15 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 3 | 34 |
| 14/ 13 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 8 | 32 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 33 |
| 10/ 9 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 16 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 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 | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) OYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN (MONTH)

PAGE 2 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 8 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 12 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | 9 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | 5 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | 2 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | 3 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | 1 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | 1 |
| -10/ -11 | | | | | | | | | | | | | | | | | | | | 2 |
| -12/ -13 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.1 | 15.2 | 15.8 | 16.3 | 18.5 | 12.7 | 8.3 | 5.4 | 3.7 | 2.3 | .4 | .1 | .3 | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3044141 | 50071 | 53.8 | 19.364 | 930 |
| Dry Bulb | 1943033 | 41083 | 44.2 | 11.746 | 930 |
| Wet Bulb | 1352916 | 34474 | 37.1 | 8.985 | 930 |
| Dew Point | 774626 | 24854 | 26.7 | 10.902 | 930 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | 16.5 | 2.7 | .1 | | | 93 |
| Wet Bulb | | 26.7 | | | | | 93 |
| Dew Point | 1.4 | 66.5 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN (MONTH)

PAGE 1 2100-2300 (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70/ 69 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 68/ 67 | | | | | | | | .1 | .3 | | | | | | | | | 4 | 4 | | |
| 66/ 65 | | | | | | | .2 | .2 | .1 | | | | | | | | | 5 | 5 | | |
| 64/ 63 | | | .3 | .1 | .2 | | .2 | .4 | .1 | | | | | | | | | 13 | 13 | | |
| 62/ 61 | | | | .1 | .1 | .2 | .2 | .2 | .3 | .1 | | | | | | | | 12 | 12 | | |
| 60/ 59 | | | .1 | .3 | .1 | | .3 | .5 | | | | | | | | | | 13 | 13 | 3 | |
| 58/ 57 | | | | .4 | .3 | .1 | 1.1 | .2 | .1 | .2 | | | | | | | | 23 | 23 | 2 | 3 |
| 56/ 55 | | .1 | .2 | .1 | 1.0 | .3 | .4 | .2 | | | | | | | | | | 22 | 22 | 3 | |
| 54/ 53 | | .1 | .5 | .5 | .4 | 1.2 | .9 | .1 | .1 | | | | | | | | | 36 | 36 | 9 | |
| 52/ 51 | | .4 | .3 | 1.0 | .8 | .8 | .8 | | .1 | | | | | | | | | 38 | 38 | 19 | 5 |
| 50/ 49 | | .2 | .5 | 1.3 | 1.3 | 1.0 | .3 | .1 | .1 | | | | | | | | | 45 | 45 | 22 | 10 |
| 48/ 47 | | .9 | .6 | 1.3 | 1.0 | 1.0 | .2 | .2 | | | | | | | | | | 48 | 48 | 33 | 9 |
| 46/ 45 | | .8 | 1.3 | 1.6 | 1.2 | .5 | .2 | .2 | | | | | | | | | | 54 | 54 | 52 | 15 |
| 44/ 43 | | .8 | .6 | 2.2 | 1.0 | .8 | .2 | | | | | | | | | | | 51 | 51 | 45 | 15 |
| 42/ 41 | | .5 | 1.3 | 2.3 | 1.1 | .6 | .2 | | | | | | | | | | | 56 | 56 | 60 | 19 |
| 40/ 39 | .2 | .3 | 2.3 | 2.6 | 1.5 | .2 | | | | | | | | | | | | 68 | 68 | 62 | 43 |
| 38/ 37 | .1 | 2.0 | 2.3 | 1.9 | .5 | | | | | | | | | | | | | 64 | 64 | 67 | 36 |
| 36/ 35 | .6 | 3.0 | 1.9 | 2.8 | .6 | | | | | | | | | | | | | 84 | 84 | 83 | 46 |
| 34/ 33 | .3 | 2.4 | 2.2 | 1.2 | .8 | | | | | | | | | | | | | 63 | 63 | 103 | 62 |
| 32/ 31 | | 2.5 | 2.9 | 1.5 | .3 | .3 | | | | | | | | | | | | 70 | 70 | 75 | 73 |
| 30/ 29 | .1 | 1.4 | 1.7 | 1.1 | .1 | | | | | | | | | | | | | 41 | 41 | 71 | 79 |
| 28/ 27 | | .5 | 1.9 | 1.0 | .1 | | | | | | | | | | | | | 33 | 33 | 53 | 87 |
| 26/ 25 | .2 | 1.3 | .6 | .4 | | | | | | | | | | | | | | 24 | 24 | 52 | 57 |
| 24/ 23 | | .6 | .5 | | | | | | | | | | | | | | | 11 | 11 | 37 | 59 |
| 22/ 21 | .1 | 1.3 | .9 | .2 | | | | | | | | | | | | | | 23 | 23 | 28 | 53 |
| 20/ 19 | | .6 | .1 | .2 | | | | | | | | | | | | | | 9 | 9 | 18 | 58 |
| 18/ 17 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 10 | 35 |
| 16/ 15 | | .4 | .2 | | | | | | | | | | | | | | | 6 | 6 | 5 | 50 |
| 14/ 13 | | .8 | .2 | | | | | | | | | | | | | | | 9 | 9 | 6 | 22 |
| 12/ 11 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 9 | 22 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 2 | 21 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | 10 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 15 |

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ref. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN



| 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. | TOTAL W.B. | TOTAL Dry B.-W.B. | TOTAL Wet B.-Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 9 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 4 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 5 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.7 | 21.1 | 24.0 | 24.3 | 12.4 | 7.0 | 5.3 | 2.6 | 1.3 | .4 | | | | | | | | 930 | 930 | 930 | 930 |

| 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. | 3751712 | 56680 | 60.9 | 17.889 | 930 | | | | | | | |
| Dry Bulb | 1601048 | 37238 | 40.0 | 10.882 | 930 | | 23.0 | .5 | | | | 93 |
| Wet Bulb | 1197170 | 32298 | 34.7 | 9.015 | 930 | | 36.7 | | | | | 93 |
| Dew Point | 760346 | 24590 | 26.4 | 10.875 | 9 | 1.3 | 66.7 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN (MONTH)



ALL (HOURS L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | | | | | | | | | | | .0 | .0 | | 2 | 2 | | |
| 84/ 83 | | | | | | | | | | | | | | .1 | .0 | | | 6 | 6 | | |
| 82/ 81 | | | | | | | | | | | .0 | .0 | | .0 | .0 | | | 7 | 7 | | |
| 80/ 79 | | | | | | | | | | | | .0 | .0 | | | | | 3 | 3 | | |
| 78/ 77 | | | | | | | | | | | .1 | .1 | .1 | | | | | 19 | 19 | | |
| 76/ 75 | | | | | | | | | .0 | .1 | .2 | .1 | .1 | .1 | | | | 31 | 31 | | |
| 74/ 73 | | | | | | | .0 | .0 | | .0 | .1 | .1 | .1 | .0 | | | | 35 | 35 | | |
| 72/ 71 | | | | | | .0 | .0 | .0 | .1 | .1 | .3 | .0 | .0 | | | | | 43 | 43 | | |
| 70/ 69 | | | .0 | | | .1 | .1 | .1 | .1 | .3 | .2 | .1 | .0 | | | | | 67 | 67 | | |
| 68/ 67 | | | | | .0 | .0 | .1 | .1 | .3 | .2 | .1 | .0 | | | | | | 71 | 71 | | |
| 66/ 65 | | .0 | | .0 | .0 | .0 | .1 | .3 | .3 | .2 | .1 | .0 | | | | | | 86 | 86 | 1 | |
| 64/ 63 | | .0 | .1 | .1 | .1 | .1 | .4 | .3 | .5 | .2 | .1 | | | | | | | 150 | 150 | 3 | 1 |
| 62/ 61 | | .0 | .1 | .1 | .1 | .3 | .3 | .4 | .5 | .1 | .0 | | | | | | | 144 | 144 | 12 | 5 |
| 60/ 59 | | .1 | .1 | .1 | .3 | .3 | .5 | .7 | .3 | .1 | .0 | | | | | | | 191 | 191 | 34 | 2 |
| 58/ 57 | | .0 | .1 | .2 | .4 | .4 | .7 | .9 | .3 | .1 | | | | | | | | 240 | 240 | 56 | 18 |
| 56/ 55 | | .0 | .3 | .2 | .4 | .6 | .8 | .5 | .2 | | | | | | | | | 219 | 219 | 75 | 21 |
| 54/ 53 | .0 | .2 | .4 | .4 | .7 | 1.0 | .8 | .3 | .1 | .0 | | | | | | | | 291 | 291 | 109 | 21 |
| 52/ 51 | | .2 | .5 | .7 | .6 | 1.1 | .6 | .2 | .1 | | | | | | | | | 301 | 301 | 226 | 24 |
| 50/ 49 | | .1 | .7 | .7 | 1.4 | 1.2 | .5 | .3 | .0 | | | | | | | | | 365 | 365 | 249 | 57 |
| 48/ 47 | | .8 | .7 | 1.0 | 1.0 | .7 | .5 | .1 | | | | | | | | | | 366 | 366 | 320 | 66 |
| 46/ 45 | .0 | .9 | .8 | 1.2 | 1.5 | .7 | .3 | .1 | | | | | | | | | | 403 | 403 | 449 | 134 |
| 44/ 43 | .1 | .9 | .9 | 1.3 | .9 | .6 | .1 | | | | | | | | | | | 355 | 355 | 450 | 162 |
| 42/ 41 | .1 | 1.0 | 1.4 | 1.5 | 1.0 | .5 | .1 | | | | | | | | | | | 419 | 419 | 514 | 224 |
| 40/ 39 | .1 | 1.2 | 1.6 | 1.9 | 1.1 | .4 | .0 | | | | | | | | | | | 468 | 468 | 523 | 297 |
| 38/ 37 | .1 | 1.5 | 1.6 | 1.1 | .8 | .2 | | | | | | | | | | | | 398 | 398 | 526 | 300 |
| 36/ 35 | .1 | 2.0 | 2.3 | 1.5 | .5 | .0 | | | | | | | | | | | | 478 | 478 | 515 | 398 |
| 34/ 33 | .2 | 2.8 | 1.9 | 1.2 | .5 | .1 | | | | | | | | | | | | 498 | 498 | 659 | 423 |
| 32/ 31 | .1 | 1.9 | 2.3 | 1.3 | .3 | .0 | | | | | | | | | | | | 445 | 445 | 541 | 734 |
| 30/ 29 | .1 | 1.3 | 1.5 | 1.0 | .1 | | | | | | | | | | | | | 300 | 300 | 456 | 603 |
| 28/ 27 | .1 | 1.2 | 1.6 | .6 | .1 | | | | | | | | | | | | | 269 | 269 | 378 | 647 |
| 26/ 25 | .1 | 1.3 | .9 | .3 | .0 | | | | | | | | | | | | | 196 | 196 | 365 | 470 |
| 24/ 23 | .0 | .7 | .6 | .1 | | | | | | | | | | | | | | 107 | 107 | 296 | 367 |
| 22/ 21 | .1 | .8 | .6 | .3 | | | | | | | | | | | | | | 139 | 139 | 185 | 394 |
| 20/ 19 | .0 | 1.0 | .4 | .2 | | | | | | | | | | | | | | 121 | 121 | 141 | 458 |

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

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

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) JAN (MONTH)

 ALL (HOURS L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 167 17 | .0 | .7 | .3 | .0 | | | | | | | | | | | | | | 77 | 77 | 115 | 285 |
| 16/ 15 | | .6 | .2 | .0 | | | | | | | | | | | | | | 56 | 56 | 98 | 331 |
| 147 13 | .0 | .4 | .1 | | | | | | | | | | | | | | | 35 | 35 | 70 | 229 |
| 12/ 11 | | .2 | .0 | | | | | | | | | | | | | | | 21 | 21 | 35 | 219 |
| 10/ 9 | | .1 | .1 | | | | | | | | | | | | | | | 16 | 16 | 24 | 167 |
| 8/ 7 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 12 | 79 |
| 67 5 | | | | | | | | | | | | | | | | | | | | 3 | 69 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 59 |
| 27 1 | | | | | | | | | | | | | | | | | | | | | 86 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 30 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 23 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 9 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 4 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 2 |
| -10/ -11 | | | | | | | | | | | | | | | | | | | | | 3 |
| -12/ -13 | | | | | | | | | | | | | | | | | | | | | 1 |
| -14/ -15 | | | | | | | | | | | | | | | | | | | | | 12 |
| TOTAL | 1.3 | 22.2 | 22.3 | 17.1 | 11.9 | 8.3 | 6.0 | 4.3 | 2.7 | 1.6 | 1.3 | .5 | .2 | .2 | .1 | .0 | | | 7440 | | 7440 |
| | | | | | | | | | | | | | | | | | | 7440 | | 7440 | |

| 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. | 28472606 | 436186 | 58.6 | 19.745 | 7440 | | | | | | | |
| Dry Bulb | 14404368 | 312578 | 42.0 | 13.076 | 7440 | | 178.4 | 28.4 | 10.3 | 1.7 | | 744 |
| Wet Bulb | 10293583 | 266603 | 35.8 | 9.975 | 7440 | | 271.9 | | | | | 744 |
| Dew Point | 6259441 | 199489 | 26.8 | 11.063 | 7440 | 9.0 | 528.7 | | | | | 744 |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) FEB (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 |
| 70/ 69 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 68/ 67 | | | | | .1 | .1 | .1 | .1 | .2 | | .1 | | | | | | | 7 | 7 | | |
| 66/ 65 | | | | .2 | .4 | .5 | .8 | | | | .1 | .1 | | | | | | 18 | 18 | | |
| 64/ 63 | | | | .7 | | .4 | .4 | .2 | .5 | | .5 | | | | | | | 22 | 22 | | |
| 62/ 61 | | | | .2 | .1 | .5 | .2 | .2 | .1 | .2 | .4 | | | | | | | 17 | 17 | | |
| 60/ 59 | | | .1 | | .2 | .4 | .7 | .6 | .1 | .2 | .1 | | | | | | | 21 | 21 | 6 | |
| 58/ 57 | | .1 | .2 | .7 | .4 | | .2 | .1 | .2 | .4 | | | | | | | | 20 | 20 | 11 | |
| 56/ 55 | | .6 | .8 | .4 | .7 | .2 | 1.3 | .7 | .1 | .1 | | | | | | | | 42 | 42 | 11 | 7 |
| 54/ 53 | | .1 | .8 | .8 | .5 | .6 | .6 | .2 | .2 | .2 | | | | | | | | 35 | 35 | 14 | 7 |
| 52/ 51 | | .1 | .8 | .7 | .4 | .6 | .4 | .4 | .2 | | | | | | | | | 30 | 30 | 29 | 7 |
| 50/ 49 | | | 1.5 | .9 | .9 | .6 | 1.1 | .6 | | | | | | | | | | 44 | 44 | 26 | 10 |
| 48/ 47 | | .4 | 1.9 | .5 | .7 | .9 | .2 | .2 | | | | | | | | | | 41 | 41 | 31 | 15 |
| 46/ 45 | .4 | .7 | 2.1 | 2.0 | .9 | .7 | .4 | | | | | | | | | | | 61 | 61 | 48 | 27 |
| 44/ 43 | .1 | .6 | 1.9 | 1.2 | 1.4 | .4 | .2 | | | | | | | | | | | 49 | 49 | 52 | 15 |
| 42/ 41 | .5 | 1.5 | 2.7 | 1.8 | .8 | .1 | | | | | | | | | | | | 63 | 63 | 71 | 53 |
| 40/ 39 | .4 | 1.3 | 1.9 | 1.3 | .8 | .2 | .2 | | | | | | | | | | | 52 | 52 | 72 | 33 |
| 38/ 37 | .2 | 1.4 | 1.1 | 1.1 | .1 | .1 | .1 | | | | | | | | | | | 35 | 35 | 67 | 36 |
| 36/ 35 | .6 | 1.5 | 1.7 | 1.3 | .1 | .1 | | | | | | | | | | | | 45 | 45 | 73 | 48 |
| 34/ 33 | .7 | 3.1 | 2.0 | .9 | .4 | | | | | | | | | | | | | 60 | 60 | 65 | 59 |
| 32/ 31 | .8 | 5.0 | 1.9 | .8 | .6 | | | | | | | | | | | | | 77 | 77 | 70 | 81 |
| 30/ 29 | | 1.7 | 1.1 | .5 | .1 | | | | | | | | | | | | | 28 | 28 | 57 | 50 |
| 28/ 27 | .1 | 1.8 | 1.8 | .2 | | | | | | | | | | | | | | 33 | 33 | 42 | 61 |
| 26/ 25 | .4 | 1.3 | .7 | | | | | | | | | | | | | | | 20 | 20 | 41 | 83 |
| 24/ 23 | | .2 | .5 | | | | | | | | | | | | | | | 6 | 6 | 31 | 46 |
| 22/ 21 | | | .4 | | | | | | | | | | | | | | | 3 | 3 | 7 | 37 |
| 20/ 19 | | .9 | .2 | | | | | | | | | | | | | | | 10 | 10 | 8 | 29 |
| 18/ 17 | | | .5 | | | | | | | | | | | | | | | 4 | 4 | 6 | 28 |
| 16/ 15 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 35 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 4 | 27 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 17 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 16 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 10 |

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

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) FEB (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 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 4.1 | 22.6 | 26.6 | 15.8 | 9.7 | 6.4 | 7.0 | 3.4 | 1.8 | 1.3 | 1.2 | .1 | | | | | | 846 | 846 | 846 | 846 |

| Element (X) | $\Sigma_n X'$ | $\Sigma_n X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3738975 | 53505 | 63.2 | 20.499 | 846 | | | | | | | |
| Dry Bulb | 1645617 | 36077 | 42.6 | 11.260 | 846 | | 18.2 | .8 | | | | 84 |
| Wet Bulb | 1236484 | 31446 | 37.2 | 8.946 | 846 | | 26.8 | | | | | 84 |
| Dew Point | 824746 | 24792 | 29.3 | 10.781 | 846 | .2 | 52.5 | | | | | 84 |

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

9477 54321

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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) FEB (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/ 67 | | | | | | .2 | .1 | | | .1 | | | | | | | | 4 | 4 | | |
| 66/ 65 | | | | | .2 | .2 | .2 | | | | .1 | | | | | | | 7 | 7 | | |
| 64/ 63 | | | .6 | .4 | .5 | .2 | | .2 | | | .1 | | | | | | | 17 | 17 | | |
| 62/ 61 | | | .2 | .5 | .2 | .2 | .7 | .4 | .4 | .1 | | | | | | | | 21 | 21 | | |
| 60/ 59 | | | | .4 | .4 | .6 | .2 | .6 | | 1.1 | | | | | | | | 27 | 27 | 9 | |
| 58/ 57 | | | .2 | .6 | .7 | .1 | .7 | | .4 | | | | | | | | | 23 | 23 | 8 | 6 |
| 56/ 55 | | .7 | .8 | .4 | .5 | .2 | .4 | .1 | .5 | | | | | | | | | 30 | 30 | 7 | 3 |
| 54/ 53 | | .2 | .7 | .2 | .7 | 1.1 | .2 | .6 | .1 | | | | | | | | | 33 | 33 | 29 | 5 |
| 52/ 51 | | .2 | .5 | .5 | .7 | .2 | .8 | .1 | | | | | | | | | | 26 | 26 | 15 | 8 |
| 50/ 49 | | .1 | 1.6 | .2 | .1 | 1.3 | .2 | .1 | .5 | | | | | | | | | 37 | 37 | 32 | 21 |
| 48/ 47 | .1 | .6 | 1.2 | .4 | .4 | .6 | .5 | .2 | .2 | | | | | | | | | 34 | 34 | 25 | 17 |
| 46/ 45 | .2 | 1.1 | 1.4 | .9 | .2 | .5 | .2 | .1 | | | | | | | | | | 40 | 40 | 48 | 17 |
| 44/ 43 | .1 | 1.8 | 2.7 | 1.8 | .6 | .2 | .1 | | | | | | | | | | | 62 | 62 | 40 | 14 |
| 42/ 41 | .5 | 1.2 | 2.1 | 1.9 | .9 | .4 | .1 | | | | | | | | | | | 60 | 60 | 69 | 46 |
| 40/ 39 | .2 | 1.3 | 3.0 | 1.8 | 1.1 | .7 | | | | | | | | | | | | 68 | 68 | 62 | 40 |
| 38/ 37 | .5 | 2.1 | 1.4 | .9 | .1 | .2 | | | | | | | | | | | | 45 | 45 | 69 | 30 |
| 36/ 35 | .5 | 2.1 | 1.7 | 1.1 | .2 | .1 | | | | | | | | | | | | 48 | 48 | 71 | 47 |
| 34/ 33 | .6 | 3.4 | 1.7 | .9 | .2 | | | | | | | | | | | | | 58 | 58 | 77 | 66 |
| 32/ 31 | .7 | 4.0 | 2.1 | .1 | .1 | | | | | | | | | | | | | 60 | 60 | 65 | 77 |
| 30/ 29 | .4 | 2.6 | 1.1 | .5 | | | | | | | | | | | | | | 38 | 38 | 58 | 57 |
| 28/ 27 | .7 | 2.6 | 1.9 | .4 | | | | | | | | | | | | | | 47 | 47 | 59 | 65 |
| 26/ 25 | | 1.2 | 1.9 | | | | | | | | | | | | | | | 26 | 26 | 30 | 58 |
| 24/ 23 | | .7 | .4 | | | | | | | | | | | | | | | 9 | 9 | 35 | 39 |
| 22/ 21 | | .9 | .1 | | | | | | | | | | | | | | | 9 | 9 | 26 | 50 |
| 20/ 19 | | .7 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 41 |
| 18/ 17 | | .4 | .6 | | | | | | | | | | | | | | | 8 | 8 | 5 | 28 |
| 16/ 15 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 3 | 30 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 7 | 25 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 1 | 17 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 20 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |
| 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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) FEB (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 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | 3 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 4.5 | 28.1 | 28.1 | 13.7 | 7.9 | 7.1 | 4.6 | 2.5 | 1.9 | 1.3 | .2 | | | | | | | | 846 | 846 | | 846 |

| 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. | 4002292 | 55740 | 65.9 | 9.755 | 846 | | | | | | | |
| Dry Bulb | 1548925 | 34941 | 41.3 | 11.190 | 846 | | 20.5 | .4 | | | | 84 |
| Wet Bulb | 1194676 | 30828 | 36.4 | 9.187 | 846 | | 29.3 | | | | | 84 |
| Dew Point | 829476 | 24794 | 29.3 | 11.031 | 846 | .4 | 52.2 | | | | | 84 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) FEB (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70/ 69 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 68/ 67 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 66/ 65 | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | | |
| 64/ 63 | | .1 | .5 | .4 | | .1 | | | | | | | | | | | | 9 | 9 | | |
| 62/ 61 | | .1 | .1 | .6 | .1 | .1 | .1 | .2 | .1 | | | | | | | | | 13 | 13 | 1 | |
| 60/ 59 | | .2 | .5 | .6 | .2 | .2 | .5 | .4 | .1 | | | | | | | | | 23 | 23 | 5 | 1 |
| 58/ 57 | | .4 | .7 | .4 | .5 | .2 | .9 | .4 | .1 | .1 | | | | | | | | 31 | 31 | 13 | 4 |
| 56/ 55 | | .2 | 1.4 | .2 | .4 | .2 | | .1 | .7 | | | | | | | | | 28 | 28 | 12 | 6 |
| 54/ 53 | | .6 | .6 | 1.3 | .6 | .2 | | .7 | .2 | | | | | | | | | 36 | 36 | 20 | 12 |
| 52/ 51 | | | .4 | .4 | .8 | .5 | .1 | | | | | | | | | | | 18 | 18 | 15 | 11 |
| 50/ 49 | | .1 | .7 | 1.1 | .4 | .8 | .4 | .4 | | | | | | | | | | 32 | 32 | 21 | 21 |
| 48/ 47 | | .5 | .8 | 1.1 | 1.3 | .5 | .4 | .2 | .2 | | | | | | | | | 42 | 42 | 27 | 8 |
| 46/ 45 | | 1.3 | 1.2 | 1.1 | .5 | .4 | .4 | .1 | | | | | | | | | | 41 | 41 | 32 | 15 |
| 44/ 43 | .4 | 1.9 | 2.0 | .5 | .2 | | .1 | .1 | | | | | | | | | | 44 | 44 | 44 | 19 |
| 42/ 41 | .6 | 1.4 | 2.1 | 2.2 | 1.2 | .4 | .1 | | | | | | | | | | | 68 | 68 | 59 | 27 |
| 40/ 39 | .2 | .9 | 3.2 | 1.8 | 1.2 | .5 | | | | | | | | | | | | 66 | 66 | 68 | 39 |
| 38/ 37 | .2 | 3.4 | 1.9 | .8 | .7 | | | | | | | | | | | | | 60 | 60 | 49 | 46 |
| 36/ 35 | .4 | 2.8 | 1.2 | 1.4 | .2 | .1 | | | | | | | | | | | | 51 | 51 | 89 | 44 |
| 34/ 33 | .5 | 3.4 | 1.4 | .4 | .1 | | | | | | | | | | | | | 49 | 49 | 77 | 59 |
| 32/ 31 | .5 | 4.3 | 2.7 | .4 | .1 | | | | | | | | | | | | | 67 | 67 | 77 | 80 |
| 30/ 29 | .7 | 2.8 | .8 | .6 | | | | | | | | | | | | | | 42 | 42 | 52 | 60 |
| 28/ 27 | 1.1 | 1.5 | 1.5 | .5 | | | | | | | | | | | | | | 39 | 39 | 58 | 69 |
| 26/ 25 | .2 | 2.6 | 1.5 | .1 | | | | | | | | | | | | | | 38 | 38 | 30 | 56 |
| 24/ 23 | | .2 | .9 | | | | | | | | | | | | | | | 10 | 10 | 37 | 38 |
| 22/ 21 | | 1.3 | .7 | | | | | | | | | | | | | | | 17 | 17 | 30 | 43 |
| 20/ 19 | | .7 | | | | | | | | | | | | | | | | 6 | 6 | 11 | 49 |
| 18/ 17 | | .1 | .4 | | | | | | | | | | | | | | | 4 | 4 | 7 | 30 |
| 16/ 15 | | .4 | .6 | | | | | | | | | | | | | | | 8 | 8 | 3 | 26 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 6 | 23 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 3 | 23 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 17 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 5 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 4 |

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

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) FEB (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 5 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 4.7 | 31.4 | 27.9 | 15.6 | 8.5 | 4.4 | 3.2 | 2.6 | 1.5 | .1 | | | | | | | | 846 | 846 | | 846 |
| | | | | | | | | | | | | | | | | | | 846 | | 846 | |

| 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. | 4195845 | 57501 | 68.0 | 18.449 | 846 | | | | | | | |
| Dry Bulb | 1465269 | 33987 | 40.2 | 10.872 | 846 | | 22.9 | .2 | | | | 84 |
| Wet Bulb | 1161625 | 30329 | 35.8 | 9.379 | 846 | | 31.2 | | | | | 84 |
| Dew Point | 832865 | 24785 | 29.3 | 11.240 | 846 | .8 | 53.0 | | | | | 84 |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) FEB (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 |
| 78/ 77 | | | | | | | | .1 | | | | .2 | | | | | | 3 | 3 | | |
| 76/ 75 | | | | | | .1 | | | .1 | | .2 | | | | | | | 4 | 4 | | |
| 74/ 73 | | | | | | | | | | .5 | | | | | | | | 4 | 4 | | |
| 72/ 71 | | | | | .1 | | | | .1 | .2 | .4 | | .1 | | | | | 8 | 8 | | |
| 70/ 69 | | | | .2 | .2 | .1 | .4 | | .2 | .5 | .1 | .4 | | | | | | 18 | 18 | | |
| 68/ 67 | | | .2 | .5 | .4 | .1 | | .4 | .5 | .4 | .1 | | | | | | | 21 | 21 | | |
| 66/ 65 | | | .2 | .5 | .4 | .1 | .6 | .2 | .8 | .6 | .2 | .1 | | | | | | 32 | 32 | 1 | |
| 64/ 63 | | | .1 | .1 | .2 | .1 | .7 | .5 | .5 | .1 | .2 | | | | | | | 22 | 22 | 7 | |
| 62/ 61 | | | .4 | 1.1 | | .7 | .6 | .5 | .6 | .5 | .5 | | | | | | | 40 | 40 | 7 | 3 |
| 60/ 59 | | .1 | .6 | .4 | .6 | .1 | .4 | .9 | .4 | .6 | | | | | | | | 34 | 34 | 12 | 6 |
| 58/ 57 | | | .4 | | .6 | .6 | .4 | .6 | .6 | .4 | | | | | | | | 29 | 29 | 18 | 8 |
| 56/ 55 | | .2 | .2 | .2 | 1.2 | .8 | .6 | .2 | .1 | | | | | | | | | 31 | 31 | 25 | 8 |
| 54/ 53 | | .2 | .9 | .6 | 1.5 | .7 | .6 | .4 | .1 | .1 | | | | | | | | 44 | 44 | 20 | 15 |
| 52/ 51 | | | .4 | 1.3 | 1.3 | 1.2 | .6 | .4 | .2 | | | | | | | | | 45 | 45 | 38 | 16 |
| 50/ 49 | | .2 | 1.5 | 1.9 | 1.1 | .6 | .2 | .5 | | | | | | | | | | 51 | 51 | 39 | 9 |
| 48/ 47 | | .9 | 1.1 | 1.3 | 1.1 | .6 | .1 | | | | | | | | | | | 43 | 43 | 56 | 7 |
| 46/ 45 | | .7 | 1.2 | 1.4 | 1.1 | .5 | .4 | .1 | | | | | | | | | | 45 | 45 | 73 | 22 |
| 44/ 43 | | 1.4 | .9 | 1.4 | .9 | .5 | .2 | | | | | | | | | | | 45 | 45 | 62 | 29 |
| 42/ 41 | | 1.1 | 1.4 | 1.2 | .9 | .1 | | | | | | | | | | | | 40 | 40 | 66 | 51 |
| 40/ 39 | .5 | 2.4 | 1.9 | 1.2 | .7 | .2 | | | | | | | | | | | | 58 | 58 | 63 | 57 |
| 38/ 37 | .5 | 3.3 | 1.3 | .4 | .8 | | | | | | | | | | | | | 53 | 53 | 71 | 61 |
| 36/ 35 | .5 | 1.1 | 1.4 | .5 | .2 | | | | | | | | | | | | | 31 | 31 | 73 | 65 |
| 34/ 33 | .1 | 2.4 | .6 | .5 | .2 | | | | | | | | | | | | | 32 | 32 | 47 | 47 |
| 32/ 31 | .5 | 1.5 | .9 | .9 | | | | | | | | | | | | | | 33 | 33 | 43 | 88 |
| 30/ 29 | .2 | .5 | .7 | .5 | | | | | | | | | | | | | | 16 | 16 | 28 | 58 |
| 28/ 27 | .2 | .8 | 1.1 | | | | | | | | | | | | | | | 18 | 18 | 20 | 56 |
| 26/ 25 | .1 | 1.7 | .5 | | | | | | | | | | | | | | | 19 | 19 | 25 | 40 |
| 24/ 23 | | .2 | .4 | .1 | | | | | | | | | | | | | | 6 | 6 | 23 | 23 |
| 22/ 21 | | .5 | .6 | .2 | | | | | | | | | | | | | | 11 | 11 | 6 | 24 |
| 20/ 19 | .1 | .4 | .2 | | | | | | | | | | | | | | | 6 | 6 | 11 | 46 |
| 18/ 17 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 6 | 28 |
| 16/ 15 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 2 | 19 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 4 | 23 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 13 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 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 | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 7 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 7 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 5 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.7 | 19.6 | 19.6 | 16.3 | 13.6 | 7.2 | 5.6 | 4.7 | 4.3 | 3.8 | 1.8 | .7 | .1 | | | | | | 846 | | 846 |
| | | | | | | | | | | | | | | | | | | 846 | | 846 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 92 F | Total |
| Rel. Hum. | 3423587 | 50785 | 60.0 | 21.066 | 846 | | | | | | | |
| Dry Bulb | 2014904 | 39854 | 47.1 | 12.753 | 846 | | 11.2 | 5.8 | 1.1 | | | 84 |
| Wet Bulb | 1463836 | 34210 | 40.4 | 9.759 | 846 | | 16.7 | | | | | 84 |
| Dew Point | 970985 | 27013 | 31.9 | 11.329 | 846 | .3 | 93.9 | | | | | 84 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) FEB (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 |
| 88/ 87 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 86/ 85 | | | | | | | | | | | | .1 | | .1 | .1 | | | 3 | 3 | | |
| 84/ 83 | | | | | | | | | | | | .2 | | .1 | .2 | | | 5 | 5 | | |
| 82/ 81 | | | | | | | | | | | .1 | .2 | .5 | .1 | .2 | | | 10 | 10 | | |
| 80/ 79 | | | | | | | | .1 | .4 | | .1 | .4 | .5 | | .1 | | | 13 | 13 | | |
| 78/ 77 | | | | | | | | .1 | | .4 | .4 | .2 | 1.1 | .4 | .2 | | | 23 | 23 | | |
| 76/ 75 | | | | | | .2 | .1 | .1 | | .5 | .5 | .9 | .4 | .1 | | | | 24 | 24 | | |
| 74/ 73 | | | | | | .1 | .1 | .1 | .5 | .4 | .8 | .7 | .6 | .1 | | | | 29 | 29 | | |
| 72/ 71 | | | | | .2 | .4 | .2 | .4 | .4 | .6 | 1.1 | 1.1 | .6 | | | | | 41 | 41 | | |
| 70/ 69 | | | | .1 | .2 | .2 | .1 | .5 | .2 | .6 | .9 | .2 | .4 | | | | | 33 | 33 | | |
| 68/ 67 | | | | .2 | .6 | .2 | | .8 | .4 | .5 | .6 | .8 | | | | | | 35 | 35 | | |
| 66/ 65 | | | .1 | .1 | .1 | .1 | .9 | .5 | .2 | .6 | .7 | .5 | | | | | | 33 | 33 | 3 | |
| 64/ 63 | | | .1 | .2 | | .4 | .4 | .7 | 1.1 | .8 | .5 | | | | | | | 35 | 35 | 12 | |
| 62/ 61 | | | .1 | .1 | .1 | 1.1 | .7 | .9 | .4 | .4 | .4 | | | | | | | 35 | 35 | 14 | |
| 60/ 59 | | | .1 | | .6 | .9 | .9 | 1.3 | .8 | .4 | .1 | | | | | | | 44 | 44 | 26 | 7 |
| 58/ 57 | | | .1 | .4 | .5 | .9 | 1.5 | 1.1 | .5 | .4 | | | | | | | | 45 | 45 | 27 | 4 |
| 56/ 55 | | .4 | .4 | .1 | 1.8 | .6 | 1.2 | .4 | .4 | .1 | | | | | | | | 44 | 44 | 32 | 15 |
| 54/ 53 | | .1 | .1 | .8 | .9 | 1.2 | .8 | .4 | | | | | | | | | | 37 | 37 | 62 | 9 |
| 52/ 51 | | .5 | .2 | .5 | 1.3 | .9 | .5 | .1 | .1 | | | | | | | | | 35 | 35 | 56 | 13 |
| 50/ 49 | | .1 | .6 | .2 | 1.4 | .2 | .6 | .1 | | | | | | | | | | 28 | 28 | 66 | 6 |
| 48/ 47 | | .4 | .4 | 1.3 | .9 | .5 | .5 | | | | | | | | | | | 33 | 33 | 75 | 17 |
| 46/ 45 | | .5 | .7 | .8 | .4 | .6 | .1 | | | | | | | | | | | 26 | 26 | 72 | 22 |
| 44/ 43 | | .9 | 1.2 | 1.5 | .5 | .8 | .1 | | | | | | | | | | | 43 | 43 | 76 | 36 |
| 42/ 41 | .1 | .8 | .7 | 1.3 | .4 | .4 | .1 | | | | | | | | | | | 32 | 32 | 54 | 55 |
| 40/ 39 | .1 | 1.2 | .6 | .7 | .6 | .5 | | | | | | | | | | | | 31 | 31 | 52 | 52 |
| 38/ 37 | .1 | 1.3 | .1 | .1 | 1.2 | | | | | | | | | | | | | 24 | 24 | 43 | 50 |
| 36/ 35 | .2 | 1.4 | .9 | .2 | .2 | | | | | | | | | | | | | 26 | 26 | 37 | 73 |
| 34/ 33 | | .9 | .5 | .4 | .2 | | | | | | | | | | | | | 17 | 17 | 30 | 52 |
| 32/ 31 | .2 | .9 | .2 | .2 | .4 | | | | | | | | | | | | | 17 | 17 | 30 | 88 |
| 30/ 29 | .1 | .2 | .7 | .1 | | | | | | | | | | | | | | 10 | 10 | 23 | 58 |
| 28/ 27 | | .8 | .7 | .4 | .1 | | | | | | | | | | | | | 17 | 17 | 11 | 61 |
| 26/ 25 | | .7 | .4 | .1 | | | | | | | | | | | | | | 10 | 10 | 19 | 36 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 11 | 24 |
| 22/ 21 | | .4 | .1 | | | | | | | | | | | | | | | 4 | 4 | 9 | 22 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) FEB (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 38 |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 29 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 2 | 29 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 25 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 9 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 4 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .9 | 11.6 | 9.5 | 10.0 | 12.6 | 10.3 | 9.3 | 7.9 | 5.2 | 5.4 | 6.1 | 5.4 | 3.9 | .9 | 1.1 | | | 846 | | | 846 |
| | | | | | | | | | | | | | | | | | 846 | | 846 | | |

| 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. | 2340153 | 40263 | 47.6 | 22.399 | 846 | | | | | | | |
| Dry Bulb | 2740896 | 46532 | 55.0 | 14.657 | 846 | | 6.1 | 21.5 | 10.7 | 2.2 | | 84 |
| Wet Bulb | 1742311 | 37519 | 44.3 | 9.632 | 846 | | 10.8 | | | | | 84 |
| Dew Point | 972888 | 27170 | 32.1 | 10.895 | 846 | | 43.2 | | | | | 84 |

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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | OYESS AFB TX STATION NAME | 74-83 YEARS | FEB 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 |
| 92/ 89 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | | |
| 88/ 87 | | | | | | | | | | | | | | .2 | .1 | .4 | | 6 | 6 | | | |
| 86/ 85 | | | | | | | | | | | | .2 | | | .1 | .4 | | 6 | 6 | | | |
| 84/ 83 | | | | | | | | | | | | .2 | .4 | .4 | | .6 | | 13 | 13 | | | |
| 82/ 81 | | | | | | | | | | | .1 | .1 | .1 | .2 | .2 | .2 | | 9 | 9 | | | |
| 80/ 79 | | | | | | | | | .5 | .2 | .4 | .5 | .5 | .7 | .6 | | | 28 | 28 | | | |
| 78/ 77 | | | | | | | .3 | .4 | | | .5 | .6 | 2.2 | .7 | .1 | | | 40 | 40 | | | |
| 76/ 75 | | | | | | | .2 | | | .1 | .4 | 1.2 | 1.4 | .7 | | | | 34 | 34 | | | |
| 74/ 73 | | | | | | .1 | .1 | | .4 | .6 | .6 | .6 | 1.5 | .4 | | | | 36 | 36 | | | |
| 72/ 71 | | | | | | .4 | .5 | | .6 | .1 | | 1.2 | .7 | | | | | 29 | 29 | | | |
| 70/ 69 | | | | | | .5 | .1 | .4 | 1.4 | .4 | .5 | .7 | .7 | | | | | 39 | 39 | | | |
| 68/ 67 | | | .1 | | .4 | .5 | .2 | .5 | .4 | .7 | 1.1 | .9 | | | | | | 40 | 40 | | | |
| 66/ 65 | | | .2 | | | .2 | .8 | .9 | 1.4 | .7 | .1 | .6 | | | | | | 43 | 43 | 3 | | |
| 64/ 63 | | | | .1 | | .4 | .4 | .9 | 1.1 | .6 | .5 | .4 | | | | | | 36 | 36 | 14 | | |
| 62/ 61 | | | | | | 1.1 | .8 | 1.3 | .9 | .7 | .4 | | | | | | | 44 | 44 | 19 | | |
| 60/ 59 | | | | .1 | .4 | 1.1 | .5 | 1.3 | .4 | .2 | .1 | | | | | | | 34 | 34 | 14 | 3 | |
| 58/ 57 | | | .5 | .1 | .4 | 2.1 | .4 | 1.8 | .6 | .2 | | | | | | | | 51 | 51 | 31 | 5 | |
| 56/ 55 | | | | .1 | 1.1 | 1.1 | 1.2 | .6 | .1 | | | | | | | | | 35 | 35 | 54 | 6 | |
| 54/ 53 | | .4 | .5 | .5 | .4 | 1.3 | .7 | .5 | | | | | | | | | | 35 | 35 | 72 | 15 | |
| 52/ 51 | | .2 | .4 | .4 | .6 | .7 | .7 | .2 | .4 | | | | | | | | | 30 | 30 | 67 | 7 | |
| 50/ 49 | | .1 | | .6 | .8 | .7 | | .2 | | | | | | | | | | 21 | 21 | 90 | 11 | |
| 48/ 47 | | | .2 | 1.1 | .6 | .4 | .6 | .2 | | | | | | | | | | 26 | 26 | 72 | 13 | |
| 46/ 45 | .1 | .4 | .6 | .7 | .9 | .4 | .4 | .1 | | | | | | | | | | 30 | 30 | 59 | 28 | |
| 44/ 43 | .1 | 1.1 | .6 | .9 | .7 | .4 | .1 | | | | | | | | | | | 33 | 33 | 80 | 28 | |
| 42/ 41 | .6 | .7 | | .5 | .6 | .2 | | | | | | | | | | | | 22 | 22 | 51 | 56 | |
| 40/ 39 | | .2 | .4 | .4 | .5 | .6 | | | | | | | | | | | | 17 | 17 | 40 | 39 | |
| 38/ 37 | | .8 | .4 | .5 | .5 | .1 | | | | | | | | | | | | 19 | 19 | 35 | 53 | |
| 36/ 35 | .1 | 1.2 | .5 | | | .2 | | | | | | | | | | | | 17 | 17 | 22 | 63 | |
| 34/ 33 | .2 | 1.4 | | .6 | .1 | | | | | | | | | | | | | 20 | 20 | 34 | 53 | |
| 32/ 31 | .5 | .8 | .2 | .4 | .4 | | | | | | | | | | | | | 15 | 15 | 28 | 76 | |
| 30/ 29 | | .7 | .7 | .2 | | | | | | | | | | | | | | 14 | 14 | 9 | 72 | |
| 28/ 27 | | .5 | .5 | | | | | | | | | | | | | | | 8 | 8 | 17 | 64 | |
| 26/ 25 | | .7 | .5 | .2 | | | | | | | | | | | | | | 12 | 12 | 15 | 42 | |
| 24/ 23 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 14 | 28 | |

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

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) FEB

PAGE 2 1500-1700

| 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. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22/ 21 | | | .4 | | | | | | | | | | | | | | | 3 | 4 | 36 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 44 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | 1 | 27 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 24 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 24 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 8 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 11 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 1.7 | 8.9 | 6.5 | 7.3 | 8.1 | 12.3 | 7.9 | 9.3 | 8.0 | 4.6 | 4.5 | 7.2 | 7.6 | 3.3 | 1.2 | 1.7 | | 847 | 847 | 847 |

| 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. | 1962596 | 35942 | 42.4 | 22.739 | 847 | | | | | | | |
| Dry Bulb | 3057133 | 49237 | 58.1 | 15.180 | 847 | | 5.3 | 27.9 | 17.2 | 5.2 | | 84 |
| Wet Bulb | 1831092 | 38578 | 45.5 | 9.352 | 847 | | 8.9 | | | | | 84 |
| Dew Point | 926967 | 26515 | 31.3 | 10.704 | 847 | | 46.3 | | | | | 64 |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 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 |
| 84/ 83 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 82/ 81 | | | | | | | | | | | .1 | .1 | | | .2 | | | 4 | 4 | | |
| 80/ 79 | | | | | | | | | | | .1 | .1 | | .1 | .1 | | | 4 | 4 | | |
| 78/ 77 | | | | | | | | | .1 | .1 | .1 | .1 | .1 | | .1 | | | 6 | 6 | | |
| 76/ 75 | | | | | | | | .3 | .1 | .4 | .1 | .2 | .6 | .2 | | | | 16 | 16 | | |
| 74/ 73 | | | | | | | .1 | .1 | .1 | .4 | .5 | .4 | .2 | .1 | | | | 16 | 16 | | |
| 72/ 71 | | | | | | | .5 | .1 | .4 | .1 | .1 | .8 | .5 | | | | | 21 | 21 | | |
| 70/ 69 | | | | | | .1 | .4 | .2 | .4 | .4 | .6 | .8 | .2 | | | | | 26 | 26 | | |
| 68/ 67 | | | | | | .8 | | .2 | .5 | .2 | .6 | .6 | .1 | | | | | 26 | 26 | | |
| 66/ 65 | | | .4 | | .1 | .2 | | .8 | .6 | .6 | .4 | .4 | | | | | | 29 | 29 | | |
| 64/ 63 | | | | .1 | .1 | .4 | .6 | .5 | 1.2 | .7 | .9 | .2 | | | | | | 40 | 40 | 1 | |
| 62/ 61 | | | | .2 | .4 | .8 | .7 | .6 | 1.1 | .6 | .6 | | | | | | | 42 | 42 | 9 | |
| 60/ 59 | | | .2 | | .4 | 1.3 | .6 | .6 | .7 | .5 | .5 | | | | | | | 40 | 40 | 18 | 3 |
| 58/ 57 | | | .1 | .2 | .5 | 1.1 | .9 | .7 | .7 | .4 | | | | | | | | 39 | 39 | 20 | |
| 56/ 55 | | | .4 | .2 | 1.2 | .8 | 1.3 | 1.7 | .5 | .1 | | | | | | | | 52 | 52 | 16 | |
| 54/ 53 | | .4 | | .6 | 1.2 | .9 | .8 | .7 | .2 | | | | | | | | | 41 | 41 | 25 | 8 |
| 52/ 51 | | .4 | .4 | .7 | 1.5 | 1.3 | .6 | .6 | | .1 | | | | | | | | 47 | 47 | 55 | 17 |
| 50/ 49 | | | .8 | .9 | 1.3 | 1.3 | .9 | .5 | .4 | | | | | | | | | 52 | 52 | 53 | 12 |
| 48/ 47 | | | .9 | 1.5 | 1.2 | .8 | .5 | | | | | | | | | | | 42 | 42 | 80 | 10 |
| 46/ 45 | .1 | .5 | .9 | 1.1 | 1.1 | .5 | | .1 | | | | | | | | | | 36 | 36 | 64 | 22 |
| 44/ 43 | .1 | .8 | .8 | .7 | 1.3 | .4 | .4 | .1 | | | | | | | | | | 39 | 39 | 90 | 20 |
| 42/ 41 | .2 | 1.4 | .8 | 1.3 | .6 | .2 | .2 | | | | | | | | | | | 41 | 41 | 80 | 55 |
| 40/ 39 | | .5 | .5 | 2.1 | .2 | .1 | .1 | | | | | | | | | | | 30 | 30 | 70 | 52 |
| 38/ 37 | | .8 | .6 | .7 | .7 | | | | | | | | | | | | | 24 | 24 | 46 | 43 |
| 36/ 35 | | 1.1 | 1.3 | .6 | .5 | .1 | | | | | | | | | | | | 30 | 30 | 43 | 47 |
| 34/ 33 | .1 | 2.0 | .4 | .4 | .1 | .1 | | | | | | | | | | | | 26 | 26 | 41 | 53 |
| 32/ 31 | 1.2 | .7 | .5 | .8 | .4 | | | | | | | | | | | | | 30 | 30 | 50 | 79 |
| 30/ 29 | | .6 | .6 | .5 | .1 | | | | | | | | | | | | | 15 | 15 | 20 | 52 |
| 28/ 27 | | .4 | .9 | .2 | | | | | | | | | | | | | | 13 | 13 | 19 | 68 |
| 26/ 25 | | .7 | .4 | | | | | | | | | | | | | | | 9 | 9 | 17 | 71 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 17 | 26 |
| 22/ 21 | | .1 | .8 | | | | | | | | | | | | | | | 8 | 8 | 6 | 37 |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 40 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 3 | 41 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) FEB (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 29 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 12 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 11 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 14 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 7 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 9 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.8 | 10.4 | 11.7 | 13.0 | 12.8 | 11.3 | 8.6 | 7.9 | 6.9 | 4.5 | 4.6 | 3.8 | 1.8 | .6 | .5 | | | | 846 | | 846 |
| | | | | | | | | | | | | | | | | | | 846 | | 846 | |

| 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. | 2472351 | 41661 | 49.2 | 22.315 | 846 | | | | | | | |
| Dry Bulb | 2395361 | 43603 | 51.5 | 13.237 | 846 | | 7.5 | 11.9 | 4.7 | .8 | | 84 |
| Wet Bulb | 1556435 | 35505 | 42.0 | 8.862 | 846 | | 13.6 | | | | | 84 |
| Dew Point | 858535 | 25367 | 30.0 | 10.765 | 846 | .1 | 50.0 | | | | | 84 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 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 |
| 76/ 75 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 74/ 73 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 72/ 71 | | | | | | | | .5 | .2 | .1 | .1 | | | | | | | 8 | 8 | | |
| 70/ 69 | | | | | | .2 | .2 | .5 | | | | | | | | | | 8 | 8 | | |
| 68/ 67 | | | | | .2 | | .4 | .2 | .1 | .1 | .2 | .1 | | | | | | 12 | 12 | | |
| 66/ 65 | | | | | .6 | .2 | .1 | .1 | .1 | .2 | .2 | | | | | | | 14 | 14 | | |
| 64/ 63 | | | .1 | .1 | .1 | .2 | .2 | .1 | .7 | .5 | .4 | .1 | | | | | | 22 | 22 | | |
| 62/ 61 | | | | .4 | .1 | .1 | .6 | .6 | .4 | .5 | .2 | | | | | | | 24 | 24 | 1 | |
| 60/ 59 | | | | .5 | .5 | .2 | .2 | .8 | .4 | .7 | .1 | | | | | | | 29 | 29 | 7 | 1 |
| 58/ 57 | | .1 | | .7 | 1.1 | .5 | .6 | .6 | .4 | .5 | .1 | | | | | | | 38 | 38 | 13 | |
| 56/ 55 | | .1 | .5 | .6 | 1.2 | .1 | 1.1 | .7 | .6 | .4 | | | | | | | | 44 | 44 | 18 | |
| 54/ 53 | | .5 | .6 | .7 | .4 | .7 | .7 | .5 | .1 | .2 | | | | | | | | 37 | 37 | 11 | 12 |
| 52/ 51 | | .4 | .2 | .9 | .9 | .8 | .2 | .5 | .2 | | | | | | | | | 36 | 36 | 29 | 6 |
| 50/ 49 | | .1 | .6 | .6 | .7 | .8 | .5 | .4 | .1 | | | | | | | | | 32 | 32 | 35 | 16 |
| 48/ 47 | | | 1.1 | 2.4 | 2.0 | .4 | .4 | | | | | | | | | | | 52 | 52 | 38 | 16 |
| 46/ 45 | .2 | .4 | 2.5 | 2.5 | 2.0 | .6 | .4 | | | | | | | | | | | 72 | 72 | 49 | 21 |
| 44/ 43 | .1 | .8 | 2.4 | 1.3 | 1.3 | .5 | .4 | | | | | | | | | | | 57 | 57 | 69 | 19 |
| 42/ 41 | .2 | 1.9 | 2.0 | .9 | .9 | .2 | .2 | | | | | | | | | | | 55 | 55 | 86 | 38 |
| 40/ 39 | | .4 | 1.7 | 1.5 | .6 | .6 | .1 | | | | | | | | | | | 41 | 41 | 88 | 42 |
| 38/ 37 | .4 | 1.8 | 1.2 | 2.0 | .2 | .5 | | | | | | | | | | | | 51 | 51 | 58 | 47 |
| 36/ 35 | .2 | 1.8 | 1.5 | .6 | .2 | .5 | | | | | | | | | | | | 41 | 41 | 64 | 55 |
| 34/ 33 | | 1.8 | 1.9 | .9 | .1 | | | | | | | | | | | | | 40 | 40 | 57 | 47 |
| 32/ 31 | 1.3 | 3.3 | .9 | .8 | | | | | | | | | | | | | | 54 | 54 | 67 | 94 |
| 30/ 29 | .2 | 1.5 | 1.5 | .2 | .1 | | | | | | | | | | | | | 31 | 31 | 53 | 59 |
| 28/ 27 | | 1.2 | .6 | .1 | | | | | | | | | | | | | | 16 | 16 | 32 | 53 |
| 26/ 25 | | .8 | .6 | .1 | | | | | | | | | | | | | | 13 | 13 | 37 | 90 |
| 24/ 23 | | .1 | .4 | | | | | | | | | | | | | | | 4 | 4 | 11 | 30 |
| 22/ 21 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 10 | 30 |
| 20/ 19 | | .6 | .6 | | | | | | | | | | | | | | | 10 | 10 | 4 | 36 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 5 | 40 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 4 | 23 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 12 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 14 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 13 |

| 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 | ≥ 91 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) FEB (MONTH)

PAGE 7 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 13 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 12 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | 2.7 | 17.7 | 20.9 | 18.0 | 13.4 | 7.2 | 6.3 | 5.4 | 3.4 | 3.2 | 1.4 | .4 | | | | | 846 | 846 | | 846 | |
| | | | | | | | | | | | | | | | | | | | 846 | | |

| 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. | 3298989 | 49769 | 58.8 | 20.958 | 846 | | 13.0 | 3.0 | .2 | | | 84 |
| Dry Bulb | 1838160 | 38218 | 45.2 | 11.496 | 846 | | 22.1 | | | | | 84 |
| Wet Bulb | 1324312 | 32658 | 38.6 | 8.677 | 846 | | 52.2 | | | | | 84 |
| Dew Point | 836968 | 25030 | 29.6 | 10.682 | 846 | | | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | FEB 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. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90/ 89 | | | | | | | | | | | | | | | | .0 | | 1 | 1 | |
| 88/ 87 | | | | | | | | | | | | | | .0 | .0 | .0 | | 7 | 7 | |
| 86/ 85 | | | | | | | | | | | | .0 | | .0 | .0 | .0 | | 9 | 9 | |
| 84/ 83 | | | | | | | | | | | | .1 | .0 | .1 | .0 | .1 | | 19 | 19 | |
| 82/ 81 | | | | | | | | | | | .0 | .1 | .1 | .0 | .1 | .0 | | 23 | 23 | |
| 80/ 79 | | | | | | | | .1 | .1 | .0 | .1 | .1 | .1 | .1 | .1 | | | 45 | 45 | |
| 78/ 77 | | | | | | | .0 | .1 | .0 | .1 | .1 | .1 | .4 | .1 | .1 | | | 72 | 72 | |
| 76/ 75 | | | | | | .0 | .0 | .0 | .0 | .1 | .1 | .3 | .3 | .1 | | | | 79 | 79 | |
| 74/ 73 | | | | | | .0 | .0 | .0 | .1 | .2 | .2 | .2 | .3 | .1 | | | | 86 | 86 | |
| 72/ 71 | | | | | .0 | .1 | .1 | .1 | .2 | .1 | .2 | .4 | .2 | | | | | 107 | 107 | |
| 70/ 69 | | | | .0 | .1 | .1 | .2 | .2 | .3 | .2 | .3 | .3 | .2 | | | | | 126 | 126 | |
| 68/ 67 | | | .0 | .1 | .2 | .3 | .1 | .3 | .1 | .1 | .3 | .3 | .0 | | | | | 146 | 146 | |
| 66/ 65 | | | .1 | .1 | .2 | .2 | .4 | .3 | .4 | .3 | .2 | .2 | | | | | | 178 | 178 | 7 |
| 64/ 63 | | .0 | .2 | .3 | .1 | .3 | .3 | .4 | .6 | .3 | .4 | .1 | | | | | | 203 | 203 | 34 |
| 62/ 61 | | .0 | .1 | .4 | .1 | .6 | .6 | .6 | .5 | .4 | .3 | | | | | | | 236 | 236 | 51 | 3 |
| 60/ 59 | | .0 | .2 | .2 | .4 | .6 | .5 | .8 | .4 | .5 | .1 | | | | | | | 252 | 252 | 93 | 21 |
| 58/ 57 | | .1 | .3 | .4 | .6 | .7 | .7 | .7 | .4 | .3 | .0 | | | | | | | 276 | 276 | 141 | 27 |
| 56/ 55 | | .3 | .6 | .3 | 1.0 | .5 | .9 | .6 | .4 | .1 | | | | | | | | 306 | 306 | 177 | 45 |
| 54/ 53 | | .3 | .5 | .7 | .8 | .8 | .6 | .5 | .1 | .1 | | | | | | | | 298 | 298 | 248 | 83 |
| 52/ 51 | | .2 | .4 | .7 | .9 | .8 | .5 | .3 | .1 | .0 | | | | | | | | 267 | 267 | 304 | 85 |
| 50/ 49 | | .1 | .9 | .8 | .8 | .8 | .5 | .3 | .1 | | | | | | | | | 297 | 297 | 362 | 106 |
| 48/ 47 | .0 | .3 | .9 | 1.2 | 1.0 | .6 | .4 | .1 | .0 | | | | | | | | | 313 | 313 | 404 | 103 |
| 46/ 45 | .1 | .7 | 1.3 | 1.3 | .9 | .5 | .3 | .1 | | | | | | | | | | 351 | 351 | 445 | 174 |
| 44/ 43 | .1 | 1.2 | 1.6 | 1.2 | .9 | .4 | .2 | .0 | | | | | | | | | | 372 | 372 | 513 | 180 |
| 42/ 41 | .3 | 1.3 | 1.5 | 1.4 | .8 | .3 | .1 | | | | | | | | | | | 381 | 381 | 531 | 381 |
| 40/ 39 | .2 | 1.0 | 1.6 | 1.3 | .7 | .4 | .1 | | | | | | | | | | | 363 | 363 | 515 | 354 |
| 38/ 37 | .2 | 1.9 | 1.0 | .8 | .5 | .1 | .0 | | | | | | | | | | | 311 | 311 | 438 | 366 |
| 36/ 35 | .3 | 1.6 | 1.3 | .7 | .2 | .1 | | | | | | | | | | | | 289 | 289 | 472 | 442 |
| 34/ 33 | .3 | 2.3 | 1.0 | .6 | .2 | .0 | | | | | | | | | | | | 302 | 302 | 428 | 436 |
| 32/ 31 | .7 | 2.5 | 1.2 | .6 | .2 | | | | | | | | | | | | | 353 | 353 | 430 | 663 |
| 30/ 29 | .2 | 1.3 | .9 | .4 | .0 | | | | | | | | | | | | | 194 | 194 | 300 | 466 |
| 28/ 27 | .3 | 1.2 | 1.1 | .2 | .0 | | | | | | | | | | | | | 191 | 191 | 258 | 497 |
| 26/ 25 | .1 | 1.2 | .8 | .1 | | | | | | | | | | | | | | 147 | 147 | 214 | 476 |
| 24/ 23 | | .2 | .3 | .0 | | | | | | | | | | | | | | 37 | 37 | 179 | 254 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) FEB (MONTH)

 ALL (HOURS L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 22/ 21 | | .4 | .4 | .0 | | | | | | | | | | | | | | 58 | 58 | 98 | 279 |
| 20/ 19 | .0 | .4 | .1 | | | | | | | | | | | | | | | 40 | 40 | 50 | 323 |
| 18/ 17 | | .1 | .2 | | | | | | | | | | | | | | | 19 | 19 | 34 | 251 |
| 16/ 15 | | .1 | .1 | | | | | | | | | | | | | | | 15 | 15 | 16 | 215 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 21 | 171 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 4 | 112 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 96 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 53 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 25 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 37 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 27 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 13 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 2.9 | 18.8 | 18.9 | 13.7 | 10.8 | 8.3 | 6.5 | 5.5 | 4.1 | 3.0 | 2.5 | 2.2 | 1.7 | .6 | .3 | .2 | | | 6769 | | 6769 |
| | | | | | | | | | | | | | | | | | | 6769 | | 6769 | |

| 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. | 25434788 | 385166 | 56.9 | 22.800 | 6769 | | | | | | | |
| Dry Bulb | 16706265 | 322449 | 47.6 | 14.103 | 6769 | | 104.6 | 71.5 | 33.9 | 8.1 | | 672 |
| Wet Bulb | 11510771 | 271073 | 40.0 | 9.840 | 6769 | | 159.4 | | | | | 672 |
| Dew Point | 7053430 | 205466 | 30.4 | 10.985 | 6769 | 1.8 | 393.4 | | | | | 672 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 76/ 75 | | | | | | | | | | | .1 | | | .1 | | | | 2 | 2 | | |
| 74/ 73 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | |
| 72/ 71 | | | | .2 | | .1 | | .3 | .1 | | | | | | | | | 7 | 7 | | |
| 70/ 69 | | | .1 | .5 | .6 | .2 | .1 | .3 | .3 | | | .1 | .1 | | | | | 23 | 23 | | |
| 68/ 67 | | | | .8 | .9 | .6 | .3 | .3 | | | | .2 | | | | | | 29 | 29 | | |
| 66/ 65 | | | .1 | 1.0 | .2 | .8 | .5 | .2 | .2 | .1 | .1 | | | | | | | 30 | 30 | 4 | |
| 64/ 63 | | .1 | .2 | .9 | .8 | .4 | .3 | .3 | .2 | .2 | | | | | | | | 32 | 32 | 10 | 2 |
| 62/ 61 | | | .2 | 1.3 | .9 | .6 | .9 | .6 | 1.3 | .2 | .1 | | | | | | | 57 | 57 | 19 | 2 |
| 60/ 59 | | .2 | .8 | .9 | .6 | 1.2 | .9 | .4 | 1.0 | .2 | | | | | | | | 57 | 57 | 19 | 8 |
| 58/ 57 | | .3 | .6 | .2 | 1.2 | 1.6 | .4 | 1.2 | .2 | .4 | | | | | | | | 58 | 58 | 33 | 24 |
| 56/ 55 | | | 1.1 | .6 | 1.7 | .6 | .2 | .2 | .2 | .1 | | | | | | | | 45 | 45 | 39 | 16 |
| 54/ 53 | .3 | .4 | .6 | 1.3 | 1.9 | 1.1 | .6 | .5 | .3 | | | | | | | | | 67 | 67 | 38 | 21 |
| 52/ 51 | | .2 | 1.3 | 1.2 | 1.2 | .9 | .8 | .5 | | | | | | | | | | 56 | 56 | 42 | 29 |
| 50/ 49 | | 1.2 | 1.4 | 1.1 | 1.9 | .4 | 1.1 | .5 | | | | | | | | | | 70 | 70 | 50 | 32 |
| 48/ 47 | | .3 | 1.8 | 1.8 | 1.9 | .9 | .5 | .1 | | | | | | | | | | 69 | 69 | 92 | 23 |
| 46/ 45 | | 1.1 | 1.6 | 1.1 | 1.6 | .5 | .3 | | | | | | | | | | | 58 | 58 | 75 | 45 |
| 44/ 43 | | 1.2 | 1.8 | 1.3 | 1.2 | 1.6 | .1 | | | | | | | | | | | 67 | 67 | 76 | 43 |
| 42/ 41 | | 1.0 | 1.8 | 1.0 | 1.3 | 1.2 | | | | | | | | | | | | 58 | 58 | 82 | 67 |
| 40/ 39 | | .1 | .9 | .8 | .8 | .1 | | | | | | | | | | | | 24 | 24 | 81 | 61 |
| 38/ 37 | | .6 | .9 | 1.1 | .5 | | | | | | | | | | | | | 29 | 29 | 63 | 42 |
| 36/ 35 | | .8 | .9 | .8 | .4 | .2 | | | | | | | | | | | | 28 | 28 | 48 | 62 |
| 34/ 33 | | .5 | .8 | .4 | .3 | .1 | | | | | | | | | | | | 20 | 20 | 55 | 52 |
| 32/ 31 | | .4 | 1.1 | .2 | .1 | | | | | | | | | | | | | 17 | 17 | 36 | 73 |
| 30/ 29 | | | .4 | .3 | | | | | | | | | | | | | | 7 | 7 | 23 | 39 |
| 28/ 27 | | .4 | .3 | .2 | | | | | | | | | | | | | | 9 | 9 | 13 | 41 |
| 26/ 25 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 16 | 51 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 8 | 26 |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 33 |
| 20/ 19 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 2 | 46 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 1 | 26 |
| 16/ 15 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | 24 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 16 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 9 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 7 |

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722565 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | MAR MONTH

PAGE 7 | 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 O.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .3 | 9.4 | 19.2 | 18.8 | 20.0 | 13.4 | 7.1 | 5.7 | 3.9 | 1.3 | .3 | .3 | .1 | .1 | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x_i^2$ | $\Sigma x_i$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ref. Hum. | 3351236 | 53208 | 57.2 | 18.180 | 930 | | | | | | | |
| Dry Bulb | 2495293 | 47177 | 50.7 | 10.483 | 930 | | 4.2 | 6.3 | .4 | | | 93 |
| Wet Bulb | 1837655 | 40453 | 43.5 | 9.165 | 930 | | 10.4 | | | | | 93 |
| Dew Point | 1256453 | 32267 | 34.7 | 12.140 | 930 | | 40.1 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAR (MONTH)

PAGE 1 0300-0500 (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 73 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 72/ 71 | | | | | | | | | | | | .2 | | | | | | 2 | 2 | | |
| 70/ 69 | | | .1 | .9 | .1 | | .2 | | | | | | | | | | | 12 | 12 | | |
| 68/ 67 | | | .3 | .5 | .5 | .1 | .2 | .2 | | | .2 | | | | | | | 20 | 20 | | |
| 66/ 65 | | | .3 | .8 | .9 | .4 | .2 | | | | | | | | | | | 24 | 24 | 2 | |
| 64/ 63 | | | .5 | 1.4 | .3 | .3 | .1 | | | .2 | | | | | | | | 27 | 27 | 12 | 1 |
| 62/ 61 | | .2 | 1.1 | 1.1 | 1.3 | .8 | .3 | .2 | .6 | .3 | | | | | | | | 55 | 55 | 12 | 6 |
| 60/ 59 | | .2 | .9 | 1.0 | 1.0 | .3 | .6 | .8 | .2 | .1 | | | | | | | | 47 | 47 | 27 | 10 |
| 58/ 57 | | .3 | .6 | .8 | .5 | 1.0 | 1.0 | .6 | .1 | | | | | | | | | 46 | 46 | 29 | 15 |
| 56/ 55 | | .3 | 1.6 | 1.1 | 1.4 | 1.2 | .4 | .3 | .1 | .1 | | | | | | | | 61 | 61 | 33 | 32 |
| 54/ 53 | .3 | .6 | 1.3 | .9 | 1.2 | .6 | .3 | .6 | | | | | | | | | | 55 | 55 | 46 | 20 |
| 52/ 51 | | .3 | .8 | 1.4 | 1.8 | 1.1 | 1.3 | .4 | .5 | | | | | | | | | 71 | 71 | 42 | 27 |
| 50/ 49 | | .9 | 1.5 | 1.7 | 1.5 | .3 | .5 | .5 | | | | | | | | | | 65 | 65 | 41 | 34 |
| 48/ 47 | | 1.2 | 1.7 | 1.8 | 1.4 | .3 | .8 | .2 | | | | | | | | | | 69 | 69 | 63 | 37 |
| 46/ 45 | .2 | 1.6 | .9 | 2.5 | 1.3 | 1.1 | .2 | | | | | | | | | | | 72 | 72 | 89 | 37 |
| 44/ 43 | | 1.2 | 1.6 | 1.4 | 1.2 | 1.1 | | | | | | | | | | | | 60 | 60 | 76 | 46 |
| 42/ 41 | | .8 | 2.4 | 1.5 | .6 | .5 | .1 | | | | | | | | | | | 55 | 55 | 72 | 54 |
| 40/ 39 | | .3 | .8 | 1.3 | 1.2 | | | | | | | | | | | | | 33 | 33 | 84 | 40 |
| 38/ 37 | | .9 | 1.2 | .6 | 1.0 | | | | | | | | | | | | | 34 | 34 | 60 | 49 |
| 36/ 35 | | 1.2 | .9 | .5 | .3 | .2 | | | | | | | | | | | | 29 | 29 | 60 | 67 |
| 34/ 33 | | .8 | 1.2 | .8 | .2 | .2 | | | | | | | | | | | | 29 | 29 | 50 | 50 |
| 32/ 31 | | .9 | 1.4 | .5 | .1 | | | | | | | | | | | | | 27 | 27 | 45 | 87 |
| 30/ 29 | | .4 | .3 | | .1 | | | | | | | | | | | | | 8 | 8 | 21 | 39 |
| 28/ 27 | | .3 | .9 | .1 | | | | | | | | | | | | | | 12 | 12 | 26 | 37 |
| 26/ 25 | | .1 | .6 | | | | | | | | | | | | | | | 7 | 7 | 16 | 37 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 9 | 35 |
| 22/ 21 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 7 | 36 |
| 20/ 19 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 48 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 3 | 21 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 20 |
| 14/ 13 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | 18 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 8 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 4 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (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 |
| 1/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .5 | 13.1 | 23.1 | 22.5 | 18.0 | 9.6 | 6.1 | 4.0 | 1.6 | .8 | .2 | .2 | .1 | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 3765158 | 56790 | 61.1 | 17.889 | 930 | | | | | | | |
| Dry Bulb | 2330436 | 45526 | 49.0 | 10.469 | 930 | | 6.3 | 3.5 | .1 | | | 93 |
| Wet Bulb | 1781165 | 39721 | 42.7 | 9.546 | 930 | | 13.2 | | | | | 93 |
| Dew Point | 1275348 | 32454 | 34.9 | 12.398 | 930 | .2 | 40.5 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722565 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAR (MONTH)

PAGE 1 0600-0800 (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 73 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | |
| 72/ 71 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | |
| 70/ 69 | | | .1 | .2 | | | | | | | .2 | | | | | | | 5 | 5 | |
| 68/ 67 | | | .1 | .3 | .3 | .3 | .1 | | | | .1 | | | | | | | 12 | 12 | |
| 66/ 65 | | | .9 | 1.8 | .6 | .5 | | | | .1 | | | | | | | | 37 | 37 | 1 | |
| 64/ 63 | | .1 | 1.4 | .9 | .3 | | .3 | .1 | | .2 | | | | | | | | 30 | 30 | 9 | 1 |
| 62/ 61 | | .1 | 1.2 | 1.0 | .6 | .2 | .1 | .1 | | .1 | | | | | | | | 32 | 32 | 14 | 5 |
| 60/ 59 | | .5 | 1.0 | 1.0 | .5 | .8 | .3 | .3 | .1 | .1 | | | | | | | | 43 | 43 | 36 | 13 |
| 58/ 57 | | .4 | 1.3 | .3 | .4 | .9 | .8 | .3 | | | | | | | | | | 41 | 41 | 30 | 22 |
| 56/ 55 | | .3 | 2.7 | 1.6 | 1.6 | 1.1 | .3 | .3 | .2 | | | | | | | | | 75 | 75 | 34 | 28 |
| 54/ 53 | .2 | .1 | 1.4 | 1.2 | 1.2 | .8 | .4 | .2 | | | | | | | | | | 51 | 51 | 42 | 32 |
| 52/ 51 | .1 | .2 | .9 | 1.6 | .6 | 1.2 | .8 | .3 | | | | | | | | | | 53 | 53 | 32 | 28 |
| 50/ 49 | | .6 | 1.8 | 1.9 | 3.2 | 1.1 | .6 | .3 | | | | | | | | | | 89 | 89 | 50 | 30 |
| 48/ 47 | | .9 | 1.6 | 1.4 | 1.5 | .9 | .8 | .2 | | | | | | | | | | 67 | 67 | 58 | 36 |
| 46/ 45 | .1 | 1.2 | 1.9 | 2.4 | 1.5 | 1.0 | .5 | | | | | | | | | | | 80 | 80 | 78 | 30 |
| 44/ 43 | .2 | 1.4 | 1.0 | 1.2 | .9 | .4 | .1 | | | | | | | | | | | 48 | 48 | 65 | 39 |
| 42/ 41 | | 1.0 | 2.3 | 1.2 | .9 | .6 | | | | | | | | | | | | 55 | 55 | 93 | 45 |
| 40/ 39 | | 1.0 | 1.4 | 1.5 | 1.5 | .1 | | | | | | | | | | | | 51 | 51 | 70 | 45 |
| 38/ 37 | | 1.4 | 1.0 | .6 | .3 | .1 | | | | | | | | | | | | 32 | 32 | 73 | 49 |
| 36/ 35 | | 1.4 | .9 | .2 | .4 | .3 | | | | | | | | | | | | 30 | 30 | 65 | 55 |
| 34/ 33 | | .5 | .5 | 1.2 | .1 | | | | | | | | | | | | | 22 | 22 | 47 | 65 |
| 32/ 31 | | 1.3 | 2.0 | .4 | .1 | | | | | | | | | | | | | 36 | 36 | 37 | 72 |
| 30/ 29 | | .3 | .6 | .3 | | | | | | | | | | | | | | 12 | 12 | 23 | 48 |
| 28/ 27 | | .1 | .6 | .1 | | | | | | | | | | | | | | 8 | 8 | 33 | 55 |
| 26/ 25 | .1 | .2 | .3 | | | | | | | | | | | | | | | 6 | 6 | 15 | 28 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 6 | 28 |
| 22/ 21 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 5 | 25 |
| 20/ 19 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 3 | 50 |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 27 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 16 |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 12 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 1 | 9 |
| 10/ 9 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | 6 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAR (MONTH)

PAGE 2 0600-0800 (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .8 | 14.0 | 27.4 | 22.4 | 16.9 | 10.2 | 5.1 | 2.0 | .3 | .5 | .3 | .1 | | | | | | 930 | 930 | 930 | 930 |

| 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. | 4024816 | 59038 | 63.5 | 17.267 | 930 | | | | | | | |
| Dry Bulb | 2266595 | 44885 | 48.3 | 10.390 | 930 | | 7.5 | 1.9 | .1 | | | 93 |
| Wet Bulb | 1772718 | 39586 | 42.6 | 9.717 | 930 | | 13.3 | | | | | 93 |
| Dew Point | 1309242 | 32948 | 35.4 | 12.362 | 930 | .3 | 38.7 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 74-83 MAR

STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100 HOURS

| 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. | TOTAL W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 91/ 89 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 86/ 85 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 84/ 83 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 82/ 81 | | | | | | | | | | .1 | | | .1 | .2 | | | | 4 | 4 | | |
| 80/ 79 | | | | | | | .1 | | | .1 | | | .1 | | | | | 3 | 3 | | |
| 78/ 77 | | | | | | | .3 | .1 | .1 | .1 | .1 | .1 | | | | | | 7 | 7 | | |
| 76/ 75 | | | | | .1 | | .5 | .2 | .3 | .3 | .4 | | .1 | .1 | | | | 20 | 20 | | |
| 74/ 73 | | | | | .2 | .2 | .3 | .3 | | .1 | .2 | .2 | | | | | | 15 | 15 | | |
| 72/ 71 | | | | .4 | .3 | .9 | .2 | .1 | .3 | .5 | .2 | | .1 | | | | | 29 | 29 | | |
| 70/ 69 | | | .1 | .6 | 1.1 | .5 | .5 | .3 | .5 | 1.1 | .3 | .1 | | | | | | 49 | 49 | | |
| 68/ 67 | | | .3 | .6 | .8 | .9 | 1.0 | .4 | .6 | 1.0 | .1 | | | | | | | 53 | 53 | 3 | |
| 66/ 65 | | | .3 | 1.0 | .6 | .4 | .5 | .5 | .6 | 1.0 | .4 | | | | | | | 51 | 51 | 9 | |
| 64/ 63 | | .1 | .3 | 1.3 | .9 | .2 | 1.3 | .6 | 1.1 | .2 | .1 | | | | | | | 54 | 54 | 30 | 3 |
| 62/ 61 | | | | .9 | 1.1 | 1.0 | .5 | 1.5 | 1.3 | .3 | | | | | | | | 61 | 61 | 36 | 13 |
| 60/ 59 | | | .6 | .5 | 1.1 | 1.1 | 1.1 | .9 | 1.0 | .2 | .2 | | | | | | | 62 | 62 | 36 | 15 |
| 58/ 57 | | .3 | 1.1 | .9 | 1.3 | 1.2 | 1.5 | .3 | .3 | .1 | | | | | | | | 69 | 69 | 40 | 23 |
| 56/ 55 | | .6 | .4 | .6 | 1.4 | 1.0 | 1.1 | .9 | .5 | .1 | | | | | | | | 62 | 62 | 53 | 29 |
| 54/ 53 | | .2 | .8 | .8 | 1.3 | 1.5 | 1.2 | .9 | .3 | | | | | | | | | 63 | 63 | 56 | 33 |
| 52/ 51 | | .1 | 1.8 | 1.2 | .8 | 1.2 | 1.3 | .4 | .1 | | | | | | | | | 61 | 61 | 72 | 55 |
| 50/ 49 | | | 1.5 | 1.0 | .9 | 1.1 | .3 | .2 | | | | | | | | | | 46 | 46 | 70 | 27 |
| 48/ 47 | | .1 | .8 | .9 | 1.1 | .8 | .1 | | | | | | | | | | | 34 | 34 | 94 | 32 |
| 46/ 45 | .1 | .5 | .3 | .9 | .4 | .4 | | | | | | | | | | | | 25 | 25 | 84 | 41 |
| 44/ 43 | .1 | 1.1 | 1.1 | 1.1 | .4 | .4 | .1 | | | | | | | | | | | 40 | 40 | 68 | 55 |
| 42/ 41 | .2 | | 1.4 | .8 | .9 | .1 | .1 | | | | | | | | | | | 32 | 32 | 71 | 52 |
| 40/ 39 | | .3 | 1.0 | .5 | .5 | | | | | | | | | | | | | 22 | 22 | 59 | 56 |
| 38/ 37 | | .3 | .6 | .6 | .1 | | | | | | | | | | | | | 16 | 16 | 40 | 48 |
| 36/ 35 | | .4 | .2 | 1.0 | .1 | | | | | | | | | | | | | 16 | 16 | 30 | 71 |
| 34/ 33 | | .4 | .1 | .5 | | | | | | | | | | | | | | 10 | 10 | 24 | 50 |
| 32/ 31 | | .1 | .2 | .1 | | | | | | | | | | | | | | 4 | 4 | 16 | 74 |
| 30/ 29 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 12 | 54 |
| 28/ 27 | | | .5 | .1 | | | | | | | | | | | | | | 6 | 6 | 10 | 50 |
| 26/ 25 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 3 | 31 |
| 24/ 23 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 5 | 24 |
| 22/ 21 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 5 | 23 |

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | MAR



| 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 B. | TOTAL Wet B. | TOTAL Dew P. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21/ 19 | | .1 | .1 | | | | | | | | | | | | | | | | | 2 | 37 |
| 17/ 17 | | | | | | | | | | | | | | | | | | | | | 21 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 8 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 4 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | 5.3 | 14.3 | 16.3 | 15.3 | 12.8 | 11.4 | 8.2 | 7.1 | 5.3 | 2.2 | .4 | .4 | .3 | .1 | .1 | .1 | 930 | 930 | 930 | 93 |

| 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. | 2919707 | 49041 | 52.7 | 18.952 | 930 | | | | | | | |
| Dry Bulb | 3059898 | 52280 | 56.2 | 11.411 | 930 | | 2.3 | 18.3 | 5.2 | .9 | | 93 |
| Wet Bulb | 2147802 | 43870 | 47.2 | 9.184 | 930 | | 5.5 | .3 | | | | 93 |
| Dew Point | 1426104 | 34700 | 37.3 | 11.892 | 930 | | 34.2 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAR (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. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96/ 95 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | |
| 94/ 93 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | |
| 92/ 91 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | |
| 90/ 89 | | | | | | | | | | | | | | .1 | | .1 | | 2 | 2 | |
| 88/ 87 | | | | | | | | | | | | .1 | | .1 | .4 | | | 6 | 6 | |
| 86/ 85 | | | | | | | | | | .1 | .3 | .2 | .4 | | .2 | .2 | | 14 | 14 | |
| 84/ 83 | | | | | | | | | .2 | .1 | .4 | .1 | .4 | .4 | .3 | | | 19 | 19 | |
| 82/ 81 | | | | | | | | | .3 | .2 | .5 | .9 | .4 | .8 | | | | 29 | 29 | |
| 80/ 79 | | | | | | | | .4 | .4 | .1 | .4 | .5 | .4 | .5 | .1 | | | 28 | 28 | |
| 78/ 77 | | | | | | | .3 | .3 | .6 | .4 | .6 | .8 | .8 | .3 | | | | 38 | 38 | |
| 76/ 75 | | | | | .1 | | .5 | .5 | .9 | .2 | .4 | 1.6 | .6 | .1 | | | | 47 | 47 | |
| 74/ 73 | | | | | .2 | 1.4 | | .6 | .4 | 1.0 | 1.0 | .9 | .5 | | | | | 56 | 56 | |
| 72/ 71 | | | | | .8 | .4 | .6 | .5 | 1.1 | 1.1 | .8 | 1.1 | 1.0 | | | | | 68 | 68 | |
| 70/ 69 | | | | .1 | .2 | .1 | .5 | .9 | 1.2 | .6 | 1.0 | 1.2 | | | | | | 54 | 54 | |
| 68/ 67 | | | .1 | .1 | .4 | .6 | .2 | 1.1 | 1.3 | 1.2 | 1.0 | .2 | .1 | | | | | 59 | 59 | 6 |
| 66/ 65 | | | | .1 | .1 | .6 | .8 | 1.4 | .8 | 1.0 | 1.1 | .1 | | | | | | 57 | 57 | 21 |
| 64/ 63 | | | .2 | .1 | | .2 | 1.5 | .9 | 1.3 | 1.1 | .4 | | | | | | | 53 | 53 | 44 | |
| 62/ 61 | .1 | .1 | .4 | .2 | .8 | .4 | 1.3 | 1.7 | .4 | .4 | .2 | | | | | | | 50 | 50 | 37 | 4 |
| 60/ 59 | | .3 | .6 | .3 | .6 | .6 | .5 | 1.6 | .8 | .8 | | | | | | | | 58 | 58 | 55 | 13 |
| 58/ 57 | | .4 | .6 | .4 | .9 | 1.0 | .2 | 1.3 | .5 | | | | | | | | | 50 | 50 | 58 | 37 |
| 56/ 55 | | .4 | .2 | .5 | .6 | .6 | .9 | .4 | .6 | | | | | | | | | 41 | 41 | 76 | 16 |
| 54/ 53 | | .1 | .5 | .5 | .3 | .2 | .5 | .9 | | | | | | | | | | 26 | 26 | 102 | 25 |
| 52/ 51 | | | .5 | .1 | 1.1 | .9 | .5 | .3 | .1 | | | | | | | | | 33 | 33 | 91 | 40 |
| 50/ 49 | .1 | | .3 | .3 | .2 | .2 | .5 | | | | | | | | | | | 16 | 16 | 95 | 28 |
| 48/ 47 | .1 | .3 | .1 | .6 | .2 | .2 | .3 | | | | | | | | | | | 18 | 18 | 79 | 27 |
| 46/ 45 | | .5 | .5 | .6 | .4 | .8 | .1 | | | | | | | | | | | 28 | 28 | 52 | 48 |
| 44/ 43 | | | .8 | .5 | .1 | .4 | | | | | | | | | | | | 17 | 17 | 53 | 56 |
| 42/ 41 | | .4 | .3 | .3 | .4 | .2 | | | | | | | | | | | | 16 | 16 | 47 | 53 |
| 40/ 39 | | .4 | .4 | | .2 | | .1 | | | | | | | | | | | 11 | 11 | 30 | 54 |
| 38/ 37 | | | .2 | | .3 | | | | | | | | | | | | | 5 | 5 | 28 | 68 |
| 36/ 35 | | | .1 | .1 | .1 | .1 | | | | | | | | | | | | 4 | 4 | 15 | 66 |
| 34/ 33 | | .1 | .4 | .1 | | | | | | | | | | | | | | 6 | 6 | 12 | 50 |
| 32/ 31 | | | .2 | .1 | .2 | | | | | | | | | | | | | 5 | 5 | 5 | 64 |
| 30/ 29 | | .2 | .2 | .1 | | | | | | | | | | | | | | 5 | 5 | 8 | 54 |

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

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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAR (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28/ 27 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 6 | 48 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 4 | 30 |
| 24/ 23 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 32 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 36 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 29 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 30 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 9 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 4 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .3 | 3.7 | 7.1 | 5.6 | 8.4 | 9.1 | 9.6 | 11.9 | 11.0 | 8.3 | 8.2 | 7.6 | 4.7 | 2.4 | 1.1 | .3 | .8 | 930 | 930 | 930 | 930 |

| 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. | 1925507 | 38111 | 41.0 | 19.787 | 930 | | 1.4 | 42.7 | 29.6 | 8.8 | .4 | 93 |
| Dry Bulb | 3953304 | 59496 | 64.0 | 12.583 | 930 | | 2.9 | .6 | | | | 93 |
| Wet Bulb | 2430729 | 46883 | 50.4 | 8.510 | 930 | | 34.5 | | | | | 93 |
| Dew Point | 1377150 | 34164 | 36.7 | 11.465 | 930 | | | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

72265 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96/ 95 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .5 | 5 | 5 | | |
| 92/ 91 | | | | | | | | | | | | | | | .1 | | .3 | 4 | 4 | | |
| 90/ 89 | | | | | | | | | | | | | .2 | .2 | .5 | .1 | .2 | 12 | 12 | | |
| 88/ 87 | | | | | | | | | | | | | .2 | .3 | .9 | .5 | .1 | 19 | 19 | | |
| 86/ 85 | | | | | | | | | | | .5 | .1 | .3 | .3 | .9 | .4 | | 24 | 24 | | |
| 84/ 83 | | | | | | | | | | | .2 | .2 | .8 | .2 | .8 | .1 | | 21 | 21 | | |
| 82/ 81 | | | | | | | | .1 | .6 | .5 | .2 | .4 | .6 | 1.6 | .3 | | | 42 | 42 | | |
| 80/ 79 | | | | | | | | .1 | .2 | .1 | .1 | 1.1 | 1.5 | .3 | 1.0 | | | 41 | 41 | | |
| 78/ 77 | | | | | | | | .6 | .2 | .8 | .4 | .8 | 1.7 | .5 | | | | 47 | 47 | | |
| 76/ 75 | | | | | | .2 | .4 | .2 | .3 | 1.2 | 1.3 | 1.1 | 1.7 | .5 | | | | 65 | 65 | | |
| 74/ 73 | | | | | | .8 | .5 | .4 | .4 | .9 | 1.0 | 1.0 | 1.5 | .1 | | | | 61 | 61 | | |
| 72/ 71 | | | | | | .3 | .6 | .2 | 1.1 | 1.2 | .4 | 1.6 | 1.3 | | | | | 62 | 62 | | |
| 70/ 69 | | | | | .2 | | .3 | .4 | .9 | 1.8 | 1.6 | 1.1 | .6 | | | | | 65 | 65 | | |
| 68/ 67 | | | .1 | | .2 | .4 | .5 | .8 | 1.0 | 1.5 | 1.1 | .5 | | | | | | 57 | 57 | 2 | |
| 66/ 65 | | | .3 | | | .1 | .4 | .9 | 1.7 | .3 | 1.0 | | | | | | | 43 | 43 | 19 | |
| 64/ 63 | | .1 | .2 | .2 | .2 | .5 | .3 | .8 | .3 | .3 | .1 | | | | | | | 29 | 29 | 36 | |
| 62/ 61 | | | .3 | .8 | .5 | .5 | 1.0 | 1.5 | 1.1 | 1.2 | .1 | | | | | | | 65 | 65 | 37 | 1 |
| 60/ 59 | | | .6 | .4 | 1.1 | .3 | .3 | 1.6 | .4 | .6 | .1 | | | | | | | 52 | 52 | 59 | 11 |
| 58/ 57 | | .1 | .2 | .3 | .6 | .3 | | .4 | 1.0 | .3 | | | | | | | | 31 | 31 | 76 | 15 |
| 56/ 55 | .3 | .1 | .1 | .2 | .1 | .4 | .5 | .5 | .3 | | | | | | | | | 25 | 25 | 110 | 22 |
| 54/ 53 | | | .6 | .2 | .8 | 1.0 | .9 | .1 | .2 | | | | | | | | | 35 | 35 | 94 | 16 |
| 52/ 51 | | | .5 | .4 | .1 | .1 | .2 | .3 | | | | | | | | | | 20 | 20 | 103 | 40 |
| 50/ 49 | | .2 | | .4 | .5 | | .8 | .3 | | | | | | | | | | 21 | 21 | 92 | 21 |
| 48/ 47 | | .5 | .2 | .1 | .3 | .3 | .4 | | | | | | | | | | | 18 | 18 | 68 | 19 |
| 46/ 45 | | .2 | .6 | .1 | .4 | .1 | | | | | | | | | | | | 14 | 14 | 68 | 44 |
| 44/ 43 | | .1 | .8 | .1 | | .2 | | .2 | | | | | | | | | | 13 | 13 | 43 | 48 |
| 42/ 41 | | .2 | .5 | .3 | .1 | | .1 | | | | | | | | | | | 12 | 12 | 37 | 45 |
| 40/ 39 | | .2 | .1 | .2 | | | | | | | | | | | | | | 5 | 5 | 25 | 60 |
| 38/ 37 | | | .1 | .3 | .3 | | | | | | | | | | | | | 7 | 7 | 26 | 63 |
| 36/ 35 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 8 | 80 |
| 34/ 33 | | | .4 | .1 | | | | | | | | | | | | | | 5 | 5 | 4 | 66 |
| 32/ 31 | | | .1 | | .3 | | | | | | | | | | | | | 4 | 4 | 7 | 57 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 10 | 61 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | MAR MONTH

 1500-1700 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 28/ 27 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | | 49 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 4 | 28 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 43 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 43 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 41 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 28 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 13 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 4 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 2.2 | 6.0 | 4.5 | 5.9 | 5.7 | 7.4 | 9.9 | 9.7 | 10.8 | 8.2 | 7.8 | 10.5 | 4.2 | 4.4 | 1.2 | 1.3 | | 930 | | 930 | |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | | |

| 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. | 1531644 | 33010 | 35.5 | 19.684 | 930 | | | | | | | |
| Dry Bulb | 4322930 | 62312 | 67.0 | 12.617 | 930 | | .7 | 52.6 | 38.2 | 14.8 | .6 | 93 |
| Wet Bulb | 2488291 | 47563 | 51.1 | 7.748 | 930 | | 2.3 | .2 | | | | 93 |
| Dew Point | 1259894 | 32632 | 35.1 | 11.121 | 930 | | 37.9 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | MAR MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92/ 91 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | |
| 90/ 89 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | |
| 88/ 87 | | | | | | | | | | | | .1 | | .2 | | .2 | | 5 | 5 | |
| 86/ 85 | | | | | | | | | | | | | .1 | .1 | .2 | .2 | | 6 | 6 | |
| 84/ 83 | | | | | | | | | | | .2 | | .2 | .2 | .2 | .3 | | 11 | 11 | |
| 82/ 81 | | | | | | | | | .1 | .2 | | | | .2 | | | | 5 | 5 | |
| 80/ 79 | | | | | | | | .1 | .1 | .3 | .2 | .3 | .5 | .4 | .2 | | | 21 | 21 | |
| 78/ 77 | | | | | | | .2 | .2 | .1 | .4 | .4 | .5 | .2 | .6 | .2 | | | 28 | 28 | |
| 76/ 75 | | | | | | | .3 | .4 | .1 | .3 | .3 | .9 | .9 | .1 | | | | 31 | 31 | |
| 74/ 73 | | | | | | .2 | .2 | .2 | .4 | .4 | .8 | .6 | .9 | | | | | 35 | 35 | |
| 72/ 71 | | | | | .3 | .5 | .5 | .1 | .5 | .5 | 1.1 | .8 | .8 | | | | | 48 | 48 | |
| 70/ 69 | | | | | .2 | .5 | .3 | .6 | 1.1 | 1.5 | 1.1 | .6 | .3 | | | | | 59 | 59 | |
| 68/ 67 | | | | | .9 | .3 | .4 | 1.2 | .5 | 1.3 | 1.0 | 1.1 | .1 | | | | | 63 | 63 | |
| 66/ 65 | | | | .3 | .2 | .3 | .5 | .6 | 1.4 | 1.0 | 1.0 | .2 | | | | | | 52 | 52 | 6 |
| 64/ 63 | | .2 | .1 | .3 | .8 | .9 | 1.2 | 1.6 | .9 | 1.3 | .8 | .1 | | | | | | 75 | 75 | 15 |
| 62/ 61 | | | | .5 | .5 | .5 | 1.2 | 1.7 | .6 | .8 | .1 | | | | | | | 56 | 56 | 26 |
| 60/ 59 | | | .5 | .8 | .5 | .9 | 1.0 | 1.1 | 1.2 | 1.1 | .1 | | | | | | | 66 | 66 | 36 | 5 |
| 58/ 57 | .1 | .2 | 1.0 | .4 | .3 | .6 | 1.1 | 1.6 | 1.2 | .2 | | | | | | | | 63 | 63 | 38 | 10 |
| 56/ 55 | .2 | .1 | .2 | 1.3 | .3 | 1.0 | 1.0 | .9 | 1.1 | .2 | | | | | | | | 57 | 57 | 73 | 23 |
| 54/ 53 | | .1 | .2 | .9 | .8 | 1.4 | .9 | 1.1 | .1 | .1 | | | | | | | | 51 | 51 | 78 | 21 |
| 52/ 51 | | .1 | .4 | .4 | .4 | .6 | .8 | .6 | .1 | | | | | | | | | 33 | 33 | 98 | 30 |
| 50/ 49 | | .3 | .2 | .5 | .8 | .4 | .5 | .6 | .1 | | | | | | | | | 33 | 33 | 101 | 31 |
| 48/ 47 | | .4 | .4 | .3 | .5 | .5 | .2 | | | | | | | | | | | 23 | 23 | 93 | 15 |
| 46/ 45 | | .2 | .8 | .3 | .4 | .3 | .4 | .1 | | | | | | | | | | 29 | 29 | 83 | 43 |
| 44/ 43 | | .2 | 1.1 | .5 | .2 | .5 | .2 | | | | | | | | | | | 26 | 26 | 76 | 45 |
| 42/ 41 | | | .2 | .5 | .2 | .2 | | | | | | | | | | | | 11 | 11 | 56 | 43 |
| 40/ 39 | | | .4 | .6 | .2 | | .1 | | | | | | | | | | | 13 | 13 | 45 | 45 |
| 38/ 37 | | .6 | .1 | .3 | .1 | | .1 | | | | | | | | | | | 12 | 12 | 33 | 52 |
| 36/ 35 | | .1 | .1 | .1 | | .1 | | | | | | | | | | | | 4 | 4 | 26 | 75 |
| 34/ 33 | | | | .4 | | | | | | | | | | | | | | 4 | 4 | 19 | 60 |
| 32/ 31 | | | .5 | .1 | .1 | | | | | | | | | | | | | 7 | 7 | 6 | 71 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 6 | 52 |
| 28/ 27 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 7 | 36 |
| 26/ 25 | | .3 | | .1 | | | | | | | | | | | | | | 4 | 4 | 3 | 47 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | MAR MONTH

 1800-2000 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 4 | 36 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 58 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 39 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 36 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 26 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 13 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 3 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .3 | 3.1 | 6.3 | 9.0 | 7.8 | 10.0 | 11.2 | 12.8 | 9.7 | 9.7 | 7.0 | 5.3 | 4.0 | 1.9 | .9 | .8 | .2 | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 1896993 | 37675 | 40.5 | 19.977 | 930 |
| Dry Bulb | 3589059 | 56773 | 61.0 | 11.520 | 930 |
| Wet Bulb | 2206574 | 44706 | 48.1 | 7.868 | 930 |
| Dew Point | 1180927 | 31323 | 33.7 | 11.644 | 930 |

Mean No. of Hours with Temperature

| Element (X) | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | 1.3 | 31.4 | 14.4 | 3.7 | | 93 |
| Wet Bulb | | 2.8 | | | | | 93 |
| Dew Point | .3 | 43.2 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAR (MONTH)

PAGE 1 2100-2300 (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 77 | | | | | | | | | | .2 | | | | .2 | .1 | | | 5 | 5 | | |
| 76/ 75 | | | | | | .1 | | .2 | .1 | | .1 | .1 | .1 | | | | | 7 | 7 | | |
| 74/ 73 | | | | | | .1 | .4 | .3 | .2 | | .3 | .1 | .2 | .1 | | | | 17 | 17 | | |
| 72/ 71 | | | | .1 | .1 | .4 | .6 | .1 | .1 | .2 | .2 | .3 | .1 | | | | | 22 | 22 | | |
| 70/ 69 | | | .2 | .1 | 1.3 | .1 | .1 | .3 | .2 | .3 | .1 | .5 | | | | | | 31 | 31 | | |
| 68/ 67 | | | | .8 | .5 | .5 | .6 | .4 | .6 | .2 | .2 | .2 | | | | | | 34 | 34 | | |
| 66/ 65 | | | | .8 | .4 | .4 | .8 | .6 | .4 | 1.0 | .6 | .1 | | | | | | 48 | 48 | 4 | |
| 64/ 63 | | | .3 | .5 | .4 | .5 | .6 | 1.2 | .5 | 1.1 | .1 | | | | | | | 50 | 50 | 7 | 2 |
| 62/ 61 | | | .1 | 1.0 | .8 | .4 | 1.3 | 1.7 | .8 | .8 | | | | | | | | 63 | 63 | 26 | 1 |
| 60/ 59 | | .1 | .6 | .4 | 1.1 | 1.1 | .4 | 1.1 | 1.3 | .3 | | | | | | | | 60 | 60 | 29 | 5 |
| 58/ 57 | | .2 | .5 | .6 | .8 | 1.8 | 1.4 | 1.2 | .6 | .3 | | | | | | | | 70 | 70 | 20 | 13 |
| 56/ 55 | | .1 | .8 | .9 | 1.6 | 1.4 | .5 | 1.1 | .2 | | | | | | | | | 61 | 61 | 43 | 25 |
| 54/ 53 | .1 | .1 | .9 | .6 | .8 | 1.1 | 1.7 | .3 | .2 | | | | | | | | | 54 | 54 | 44 | 20 |
| 52/ 51 | | .3 | 1.3 | .6 | 1.7 | 1.0 | 1.1 | .5 | .1 | | | | | | | | | 62 | 62 | 56 | 25 |
| 50/ 49 | | .4 | 1.5 | .6 | 2.8 | 1.2 | .4 | .6 | | | | | | | | | | 71 | 71 | 80 | 26 |
| 48/ 47 | | .4 | .9 | 1.5 | 1.8 | .8 | .9 | | | | | | | | | | | 58 | 58 | 100 | 34 |
| 46/ 45 | | .8 | .9 | .6 | .6 | 1.2 | 1.0 | | | | | | | | | | | 46 | 46 | 80 | 40 |
| 44/ 43 | | .6 | .9 | 1.1 | .6 | 1.3 | .4 | | | | | | | | | | | 46 | 46 | 91 | 40 |
| 42/ 41 | | .3 | 1.3 | .9 | .5 | .4 | | | | | | | | | | | | 32 | 32 | 91 | 45 |
| 40/ 39 | | .1 | .9 | .6 | .6 | .1 | | | | | | | | | | | | 22 | 22 | 67 | 50 |
| 38/ 37 | | | .6 | 1.0 | .5 | .1 | | | | | | | | | | | | 21 | 21 | 40 | 65 |
| 36/ 35 | | .6 | .4 | .3 | .2 | .1 | | | | | | | | | | | | 16 | 16 | 46 | 67 |
| 34/ 33 | | .4 | .1 | | .1 | .3 | | | | | | | | | | | | 9 | 9 | 40 | 51 |
| 32/ 31 | | | .9 | | .1 | | | | | | | | | | | | | 9 | 9 | 27 | 78 |
| 30/ 29 | | .4 | .3 | .2 | | | | | | | | | | | | | | 9 | 9 | 7 | 38 |
| 28/ 27 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 17 | 55 |
| 26/ 25 | | .2 | | .1 | | | | | | | | | | | | | | 3 | 3 | 6 | 54 |
| 24/ 23 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 5 | 26 |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 41 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 49 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 22 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 19 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 15 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 12 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAR (MONTH)

 2100-2300 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .1 | 5.5 | 13.3 | 12.8 | 17.7 | 14.5 | 12.4 | 9.8 | 5.5 | 4.4 | 1.7 | 1.4 | .4 | .3 | .1 | | | | 930 | 930 | 930 | 930 |

| 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. | 2707189 | 46959 | 50.5 | 19.020 | 930 | | | | | | | |
| Dry Bulb | 2834445 | 50395 | 54.2 | 10.562 | 930 | | 2.5 | 11.6 | 2.9 | | | 93 |
| Wet Bulb | 1950961 | 41857 | 45.0 | 8.498 | 930 | | 6.6 | | | | | 93 |
| Dew Point | 1216381 | 31813 | 34.2 | 11.744 | 930 | | 42.1 | | | | | 93 |

USAFETAC FORM 0-28-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-87 (YEARS) MAR (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 | | | | |
| ≥ 96/ 95 | | | | | | | | | | | | | | | | | .0 | 3 | 3 | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .1 | 7 | 7 | | |
| 92/ 91 | | | | | | | | | | | | | | | .0 | | .1 | 8 | 8 | | |
| 90/ 89 | | | | | | | | | | | | | .0 | .0 | .1 | .0 | .1 | 16 | 16 | | |
| 88/ 87 | | | | | | | | | | | | .0 | .0 | .1 | .2 | .1 | .0 | 30 | 30 | | |
| 86/ 85 | | | | | | | | | | .0 | .1 | .0 | .1 | .1 | .2 | .1 | | 45 | 45 | | |
| 84/ 83 | | | | | | | | | .0 | .0 | .1 | .0 | .2 | .1 | .2 | .1 | | 52 | 52 | | |
| 82/ 81 | | | | | | | | .0 | .1 | .1 | .1 | .2 | .1 | .3 | .0 | | | 80 | 80 | | |
| 80/ 79 | | | | | | | .0 | .1 | .1 | .1 | .1 | .2 | .3 | .2 | .2 | | | 93 | 93 | | |
| 78/ 77 | | | | | | | .1 | .1 | .1 | .2 | .2 | .3 | .3 | .2 | .0 | | | 125 | 125 | | |
| 76/ 75 | | | | | | .0 | .0 | .2 | .2 | .2 | .3 | .3 | .5 | .4 | .1 | | | 172 | 172 | | |
| 74/ 73 | | | | | | .1 | .4 | .2 | .3 | .2 | .3 | .4 | .4 | .4 | .0 | | | 188 | 188 | | |
| 72/ 71 | | | | | .1 | .2 | .3 | .3 | .2 | .4 | .4 | .3 | .5 | .4 | | | | 239 | 239 | | |
| 70/ 69 | | | | .1 | .3 | .5 | .2 | .3 | .4 | .5 | .7 | .5 | .5 | .1 | | | | 298 | 298 | | |
| 68/ 67 | | | | .1 | .3 | .6 | .5 | .4 | .6 | .5 | .6 | .5 | .3 | .0 | | | | 327 | 327 | 11 | |
| 66/ 65 | | | | .2 | .7 | .4 | .5 | .5 | .6 | .6 | .6 | .5 | .1 | | | | | 342 | 342 | 66 | |
| 64/ 63 | | | .1 | .4 | .7 | .5 | .4 | .7 | .7 | .5 | .6 | .2 | .0 | | | | | 350 | 350 | 163 | 9 |
| 62/ 61 | .0 | .1 | .4 | .8 | .8 | .6 | .8 | 1.7 | .8 | .5 | .1 | | | | | | | 439 | 439 | 207 | 32 |
| 60/ 59 | | .2 | .7 | .7 | .8 | .8 | .6 | 1.0 | .7 | .4 | .1 | | | | | | | 445 | 445 | 297 | 80 |
| 58/ 57 | .0 | .3 | .8 | .5 | .8 | 1.0 | .8 | .9 | .5 | .2 | | | | | | | | 428 | 428 | 324 | 164 |
| 56/ 55 | .1 | .3 | .9 | .9 | 1.1 | .9 | .6 | .6 | .4 | .1 | | | | | | | | 427 | 427 | 461 | 191 |
| 54/ 53 | .1 | .2 | .8 | .8 | 1.0 | 1.0 | .8 | .5 | .1 | .0 | | | | | | | | 402 | 402 | 500 | 188 |
| 52/ 51 | .0 | .2 | .9 | .9 | 1.0 | .9 | .8 | .5 | .1 | | | | | | | | | 389 | 389 | 536 | 254 |
| 50/ 49 | .0 | .5 | 1.0 | 1.0 | 1.5 | .6 | .6 | .4 | .0 | | | | | | | | | 411 | 411 | 579 | 229 |
| 48/ 47 | .0 | .5 | .9 | 1.1 | 1.1 | .6 | .5 | .1 | | | | | | | | | | 356 | 356 | 647 | 223 |
| 46/ 45 | .1 | .8 | .9 | 1.1 | .8 | .7 | .3 | .0 | | | | | | | | | | 347 | 347 | 609 | 328 |
| 44/ 43 | .0 | .7 | 1.1 | .9 | .6 | .8 | .1 | .1 | | | | | | | | | | 317 | 317 | 548 | 372 |
| 42/ 41 | .0 | .5 | 1.3 | .8 | .6 | .4 | .3 | | | | | | | | | | | 271 | 271 | 549 | 409 |
| 40/ 39 | | .3 | .7 | .7 | .6 | .0 | .0 | | | | | | | | | | | 181 | 181 | 461 | 431 |
| 38/ 37 | | .5 | .6 | .6 | .4 | .0 | .0 | | | | | | | | | | | 156 | 156 | 363 | 436 |
| 36/ 35 | | .6 | .4 | .4 | .2 | .1 | | | | | | | | | | | | 129 | 129 | 298 | 543 |
| 34/ 33 | | .3 | .4 | .4 | .1 | .1 | | | | | | | | | | | | 105 | 105 | 251 | 444 |
| 32/ 31 | | .3 | .8 | .2 | .1 | | | | | | | | | | | | | 109 | 109 | 179 | 576 |
| 30/ 29 | | .2 | .3 | .1 | .0 | | | | | | | | | | | | | 44 | 44 | 110 | 385 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAR (MONTH)

 ALL (HOURS G.M.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29/ 27 | | .2 | .3 | .1 | | | | | | | | | | | | | | 44 | 44 | 112 | 371 |
| 28/ 25 | .0 | .1 | .2 | .0 | | | | | | | | | | | | | | 25 | 25 | 67 | 306 |
| 24/ 23 | | .1 | .1 | .0 | | | | | | | | | | | | | | 9 | 9 | 47 | 250 |
| 22/ 21 | | .0 | .1 | | | | | | | | | | | | | | | 9 | 9 | 21 | 295 |
| 20/ 19 | | .1 | .1 | | | | | | | | | | | | | | | 14 | 14 | 11 | 339 |
| 18/ 17 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 14 | 211 |
| 16/ 15 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 2 | 135 |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | 1 | 87 |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 57 |
| 10/ 9 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 29 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | 32 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 13 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 13 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 6 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .4 | 7.0 | 14.6 | 14.0 | 13.7 | 10.7 | 8.8 | 8.0 | 6.1 | 5.1 | 3.5 | 2.9 | 2.5 | 1.2 | .8 | .3 | .3 | 7440 | 7440 | 7440 | 7440 |

| 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. | 22122250 | 373832 | 50.2 | 21.185 | 7440 | | | | | | | |
| Dry Bulb | 24851960 | 418844 | 56.3 | 13.080 | 7440 | | 26.2 | 168.3 | 81.9 | 28.2 | 1.0 | 744 |
| Wet Bulb | 16615895 | 344639 | 46.3 | 9.357 | 7440 | | 57.0 | 1.1 | | | | 744 |
| Dew Point | 10301499 | 262301 | 35.3 | 11.903 | 7440 | .8 | 311.2 | | | | | 744 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | APR 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 | |
| 78/ 77 | | | | | | | | | | | | .1 | .2 | | | | | | | 3 | 3 | | |
| 76/ 75 | | | | | .2 | .3 | .1 | | | | | | | | | | | | | 6 | 6 | | |
| 74/ 73 | | | | .4 | 1.0 | .8 | .2 | | .1 | .1 | | | .3 | | | | | | | 27 | 27 | | |
| 72/ 71 | | | .7 | 1.6 | .7 | .6 | | .2 | .2 | .1 | .2 | | | | | | | | | 38 | 38 | | |
| 70/ 69 | | | 1.3 | 2.1 | 1.9 | .4 | .4 | .1 | .2 | | .1 | | .2 | | | | | | | 62 | 62 | | |
| 68/ 67 | | | 2.0 | 2.2 | 1.3 | .8 | 1.0 | .2 | .1 | .3 | | .1 | | | | | | | | 73 | 73 | 17 | 1 |
| 66/ 65 | | .1 | 1.6 | 1.1 | .6 | .8 | .7 | .8 | .1 | .3 | .1 | | | | | | | | | 57 | 57 | 43 | 10 |
| 64/ 63 | | .8 | .8 | 1.2 | 1.1 | .7 | 1.0 | .1 | .6 | | .2 | | | | | | | | | 63 | 63 | 55 | 28 |
| 62/ 61 | .2 | 2.2 | .9 | .7 | .9 | .4 | 1.4 | .9 | .6 | .9 | | | | | | | | | | 82 | 82 | 69 | 48 |
| 60/ 59 | .2 | 1.2 | 1.1 | 1.7 | .3 | 1.2 | .8 | .1 | .9 | .1 | | | | | | | | | | 70 | 70 | 46 | 56 |
| 58/ 57 | .3 | 1.1 | .9 | .6 | .3 | 1.2 | .4 | .7 | .4 | .1 | | | | | | | | | | 55 | 55 | 65 | 62 |
| 56/ 55 | .2 | 1.3 | 1.2 | .6 | 1.2 | 1.4 | .8 | .1 | .1 | | | | | | | | | | | 67 | 67 | 54 | 40 |
| 54/ 53 | .1 | 1.1 | .6 | 1.2 | .7 | 1.1 | .3 | | | | | | | | | | | | | 46 | 46 | 67 | 43 |
| 52/ 51 | .2 | .8 | .4 | 1.2 | .9 | 1.2 | .7 | .3 | | | | | | | | | | | | 52 | 53 | 45 | 49 |
| 50/ 49 | .3 | 1.2 | .7 | 1.4 | 1.0 | 1.2 | .4 | .2 | | | | | | | | | | | | 59 | 59 | 77 | 46 |
| 48/ 47 | | 1.0 | .9 | 1.3 | 1.0 | .6 | .2 | | | | | | | | | | | | | 45 | 45 | 59 | 33 |
| 46/ 45 | | .1 | .3 | .8 | 1.3 | .3 | | | | | | | | | | | | | | 26 | 26 | 72 | 39 |
| 44/ 43 | | | .6 | .9 | 1.1 | .3 | | | | | | | | | | | | | | 26 | 26 | 61 | 33 |
| 42/ 41 | | | .4 | .4 | .1 | .2 | | | | | | | | | | | | | | 11 | 11 | 43 | 28 |
| 40/ 39 | | | .9 | .1 | .2 | .2 | | | | | | | | | | | | | | 13 | 13 | | 54 |
| 38/ 37 | | | .3 | .1 | .3 | .2 | | | | | | | | | | | | | | 9 | 9 | 37 | 44 |
| 36/ 35 | | .1 | .2 | .3 | | | | | | | | | | | | | | | | 6 | 6 | 22 | 44 |
| 34/ 33 | | .1 | .1 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 8 | 28 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 10 | 51 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | 7 | 42 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 1 | 27 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | 21 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | 12 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | 10 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | 19 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | 14 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | 11 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | 2 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 74-83 APR
STATION STATION NAME YEARS MONTH

 2000-0200
HOURS

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.7 | 11.2 | 15.9 | 20.1 | 16.2 | 14.1 | 8.6 | 4.8 | 3.7 | 2.0 | .7 | .2 | .8 | | | | | 900 | | 899 |
| | | | | | | | | | | | | | | | | | 899 | | 899 | |

| 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. | 3744981 | 55199 | 61.4 | 19.903 | 899 | | | | | | | |
| Dry Bulb | 3155767 | 52657 | 58.5 | 9.129 | 900 | | | 20.9 | 3.6 | | | 90 |
| Wet Bulb | 2433044 | 46040 | 51.2 | 9.152 | 899 | | 1.8 | 1.7 | | | | 90 |
| Dew Point | 1881300 | 39378 | 43.8 | 13.200 | 899 | | 21.3 | .1 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | APP

 0300-0500

| 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. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 79/ 77 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | |
| 76/ 75 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | |
| 74/ 73 | | | | .4 | | | | | | | | .1 | | | | | | 7 | 7 | |
| 72/ 71 | | | .4 | .9 | .3 | .2 | | | | | | | | | | | | 17 | 17 | |
| 70/ 69 | | .1 | 1.4 | 1.2 | 1.0 | .1 | | .3 | .1 | | .1 | | | | | | | 39 | 39 | |
| 68/ 67 | | .4 | 3.1 | 2.1 | .3 | | .3 | .1 | | | | .2 | | | | | | 60 | 60 | 13 1 |
| 66/ 65 | | | 2.2 | 2.6 | 1.1 | .4 | | .3 | .1 | .3 | .1 | .2 | | | | | | 67 | 67 | 33 13 |
| 64/ 63 | | 1.0 | 2.0 | 1.6 | .8 | .2 | .3 | .3 | .6 | | .3 | .1 | | | | | | 68 | 68 | 44 26 |
| 62/ 61 | | 1.3 | 1.7 | 1.0 | .9 | .8 | .9 | .3 | .2 | .3 | | | | | | | | 65 | 65 | 62 43 |
| 60/ 59 | | 2.3 | .8 | 1.7 | 1.6 | .8 | .2 | .3 | .6 | | .1 | | | | | | | 79 | 79 | 59 51 |
| 58/ 57 | | 1.9 | 1.3 | .6 | .9 | 1.3 | .1 | .4 | .3 | | | | | | | | | 63 | 63 | 49 55 |
| 56/ 55 | .3 | 1.4 | 1.7 | .8 | 1.2 | 1.6 | .3 | .3 | | | | | | | | | | 72 | 72 | 54 55 |
| 54/ 53 | .3 | 1.2 | .9 | 1.1 | 1.3 | 1.9 | | .3 | .1 | | | | | | | | | 65 | 65 | 67 43 |
| 52/ 51 | .2 | 1.4 | .3 | 1.3 | .6 | .6 | .3 | | | | | | | | | | | 43 | 43 | 62 50 |
| 50/ 49 | .3 | .3 | 1.1 | 1.4 | .9 | .9 | .3 | | | | | | | | | | | 48 | 48 | 59 36 |
| 48/ 47 | .1 | 1.3 | 1.0 | 1.6 | 2.1 | .3 | | | | | | | | | | | | 58 | 58 | 51 36 |
| 46/ 45 | | .7 | .8 | .9 | 2.1 | .2 | .1 | | | | | | | | | | | 43 | 43 | 71 33 |
| 44/ 43 | | .7 | .6 | 1.1 | .8 | .2 | | | | | | | | | | | | 30 | 30 | 71 37 |
| 42/ 41 | | .1 | .6 | 1.2 | .6 | .1 | | | | | | | | | | | | 23 | 23 | 49 45 |
| 40/ 39 | | | 1.2 | .4 | .2 | .1 | | | | | | | | | | | | 18 | 18 | 50 51 |
| 38/ 37 | | .3 | .1 | .3 | .9 | | | | | | | | | | | | | 15 | 15 | 34 38 |
| 36/ 35 | | .1 | .6 | .2 | .2 | | | | | | | | | | | | | 10 | 10 | 30 36 |
| 34/ 33 | | .2 | | .2 | | | | | | | | | | | | | | 4 | 4 | 13 32 |
| 32/ 31 | | | | .3 | | | | | | | | | | | | | | 3 | 3 | 15 62 |
| 30/ 29 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 8 39 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 5 33 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 21 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 9 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 13 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 13 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 14 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 6 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 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 3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 — STATION
DYESS AFB TX — STATION NAME
74-87 — YEARS
APR — MONTH

PAGE [illegible]

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | TOTAL DB WB Obs. | TOTAL DB + WB Dew Pt Obs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | | | | | |
| TOTAL | 1.3 | 31[illegible].0 | 21.9 | 23.0 | 17.8 | 9.8 | 3.2 | 3.6 | 2.0 | .7 | .7 | .9 | .2 | | | | | | | | | | | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4201630 | 59060 | 65.6 | 19.042 | 900 | | | | | | | |
| Dry Bulb | 2921738 | 50612 | 56.2 | 9.167 | 900 | | .4 | 12.5 | .9 | | | 90 |
| Wet Bulb | 2337153 | 45083 | 50.1 | 9.365 | 900 | | 2.9 | 1.3 | | | | 90 |
| Dew Point | 1868733 | 39303 | 43.7 | 13.019 | 900 | | 21.9 | .1 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-87 YEARS | APR MONTH

PAGE 1 | 0600-0800 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 77 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | |
| 76/ 75 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | |
| 74/ 73 | | | .1 | .2 | .2 | | | | | | | | | | | | | 5 | 5 | |
| 72/ 71 | | | .3 | 1.0 | .2 | .2 | | | .1 | .1 | | .2 | | | | | | 20 | 20 | |
| 70/ 69 | | | 1.7 | 1.4 | .3 | .3 | .1 | | | .1 | .1 | | | | | | | 37 | 37 | 2 |
| 68/ 67 | | | 3.3 | 1.9 | .9 | .4 | .2 | .1 | | .3 | | .2 | | | | | | 66 | 66 | 10 | 2 |
| 66/ 65 | | .6 | 3.7 | 1.4 | .4 | | .6 | .3 | | .3 | .1 | | | | | | | 67 | 67 | 33 | 8 |
| 64/ 63 | | 1.9 | 1.6 | 1.4 | 1.0 | .1 | .1 | .4 | .6 | .2 | .3 | | | | | | | 69 | 69 | 54 | 24 |
| 62/ 61 | | 1.8 | 1.6 | 1.0 | .9 | 1.0 | .7 | .3 | .3 | .2 | .2 | | | | | | | 71 | 71 | 68 | 67 |
| 60/ 59 | .1 | 1.9 | 1.6 | 1.8 | .8 | .8 | .7 | .6 | .2 | | .1 | | | | | | | 76 | 76 | 52 | 55 |
| 58/ 57 | .2 | 2.0 | 1.0 | 1.7 | 1.2 | 1.0 | .3 | 1.1 | .1 | .2 | | | | | | | | 79 | 79 | 63 | 44 |
| 56/ 55 | | 1.6 | 1.8 | 1.0 | 1.8 | 1.6 | .8 | .4 | | | | | | | | | | 80 | 80 | 58 | 55 |
| 54/ 53 | | 1.7 | .4 | 1.4 | 1.1 | 1.2 | .3 | .3 | | | | | | | | | | 59 | 59 | 46 | 48 |
| 52/ 51 | .1 | 1.1 | .8 | .8 | 1.2 | .7 | .2 | .2 | | | | | | | | | | 46 | 46 | 72 | 48 |
| 50/ 49 | .2 | .4 | .9 | 1.0 | 1.2 | .9 | .3 | | | | | | | | | | | 44 | 44 | 62 | 41 |
| 48/ 47 | .3 | .9 | 1.6 | 1.2 | 2.1 | .6 | | | | | | | | | | | | 59 | 59 | 66 | 41 |
| 46/ 45 | | 1.4 | .1 | .6 | .3 | .3 | | | | | | | | | | | | 25 | 25 | 69 | 35 |
| 44/ 43 | | .2 | .6 | .9 | 1.1 | | | | | | | | | | | | | 25 | 25 | 67 | 34 |
| 42/ 41 | | | .7 | 1.2 | .3 | | | | | | | | | | | | | 20 | 20 | 39 | 49 |
| 40/ 39 | | | 1.1 | 1.2 | .2 | .1 | | | | | | | | | | | | 24 | 24 | 45 | 40 |
| 38/ 37 | | .1 | .3 | .4 | .4 | .1 | | | | | | | | | | | | 13 | 13 | 29 | 40 |
| 36/ 35 | | | | .4 | | | | | | | | | | | | | | 4 | 4 | 30 | 40 |
| 34/ 33 | | | .4 | .2 | | | | | | | | | | | | | | 6 | 6 | 10 | 27 |
| 32/ 31 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 14 | 49 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 8 | 41 |
| 28/ 27 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 1 | 32 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 18 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 14 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 20 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 13 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 5 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) APR (MONTH)

 0600-0800 (HOURS)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | |
| TOTAL | 1.0 | 15.7 | 23.7 | 22.4 | 15.7 | 9.2 | 4.4 | 3.7 | 1.3 | 1.6 | .9 | .4 | | | | | | | 900 | 900 |
| | | | | | | | | | | | | | | | | | | | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 4275835 | 59631 | 66.3 | 19.010 | 900 | | | | | | | |
| Dry Bulb | 965405 | 51037 | 56.7 | 8.900 | 900 | | .3 | 13.0 | .7 | | | 90 |
| Wet Bulb | 2385561 | 45585 | 50.7 | 9.236 | 900 | | 2.5 | 1.2 | | | | 90 |
| Dew Point | 1923721 | 39975 | 44.4 | 12.938 | 900 | | 20.2 | .2 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) APR (MONTH)

PAGE 1 0900-1100 (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92/ 91 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | |
| 90/ 89 | | | | | | | | | | | | .1 | | .1 | | | | 2 | 2 | |
| 88/ 87 | | | | | | | | | | | .1 | | | .1 | | | | 2 | 2 | |
| 86/ 85 | | | | | | | | .1 | | .1 | .1 | | | .1 | | | | 4 | 4 | |
| 84/ 83 | | | | | | | .1 | .1 | .1 | .1 | | .1 | .1 | | .2 | | | 8 | 8 | |
| 82/ 81 | | | | | | .1 | .1 | | .4 | | .1 | .2 | .1 | .1 | .1 | | | 12 | 12 | |
| 80/ 79 | | | | | .3 | 1.0 | .4 | .4 | .3 | | .7 | .1 | .1 | .1 | | | | 27 | 27 | |
| 78/ 77 | | | | | .6 | .9 | .3 | .3 | .1 | .3 | .1 | .4 | .2 | | | | | 34 | 34 | |
| 76/ 75 | | | | .1 | 2.1 | .9 | .3 | .7 | | .4 | .3 | .3 | | | | | | 51 | 51 | |
| 74/ 73 | | | .2 | .8 | 1.4 | .9 | .3 | .7 | .4 | .4 | .4 | .3 | .2 | | | | | 60 | 60 | |
| 72/ 71 | | | .2 | 2.4 | 1.6 | .8 | .6 | .9 | 1.2 | .3 | .6 | .4 | .1 | | | | | 81 | 61 | 11 | |
| 70/ 69 | | .1 | 1.0 | .9 | 1.2 | 1.1 | .3 | .7 | 1.0 | .3 | .9 | | .1 | | | | | 69 | 69 | 21 | 2 |
| 68/ 67 | | .2 | 1.8 | 1.4 | 1.2 | .9 | 1.1 | .9 | .9 | 1.1 | .3 | .2 | | | | | | 90 | 90 | 52 | 10 |
| 66/ 65 | | .1 | 1.7 | .7 | 1.2 | 1.0 | 1.0 | .9 | 1.1 | .9 | | | | | | | | 77 | 77 | 69 | 21 |
| 64/ 63 | | .7 | .7 | .3 | 1.0 | .8 | .8 | .9 | 1.3 | .3 | | | | | | | | 61 | 61 | 66 | 52 |
| 62/ 61 | | .8 | 1.4 | .9 | .7 | .6 | 1.3 | 1.1 | .8 | .2 | | | | | | | | 69 | 69 | 61 | 64 |
| 60/ 59 | | .4 | .4 | .8 | .7 | .8 | 1.3 | 1.1 | .9 | | | | | | | | | 57 | 57 | 67 | 56 |
| 58/ 57 | | .8 | .8 | .3 | .3 | .1 | .4 | .9 | .2 | | | | | | | | | 35 | 35 | 61 | 43 |
| 56/ 55 | .1 | .3 | .1 | .2 | .7 | 1.1 | .3 | 1.1 | .1 | | | | | | | | | 37 | 37 | 79 | 55 |
| 54/ 53 | | .7 | .6 | .6 | .3 | .3 | .2 | .7 | .1 | | | | | | | | | 27 | 27 | 72 | 45 |
| 52/ 51 | .1 | .6 | .2 | .7 | .6 | .4 | .6 | .1 | | | | | | | | | | 29 | 29 | 65 | 45 |
| 50/ 49 | .2 | .3 | .4 | .3 | .1 | .3 | .6 | .1 | | | | | | | | | | 22 | 22 | 74 | 41 |
| 48/ 47 | | .2 | .2 | .3 | .4 | .2 | | | | | | | | | | | | 13 | 13 | 51 | 26 |
| 46/ 45 | | .2 | .2 | .2 | .4 | .1 | .1 | | | | | | | | | | | 12 | 12 | 49 | 40 |
| 44/ 43 | | | .3 | .6 | .2 | | | | | | | | | | | | | 10 | 10 | 27 | 39 |
| 42/ 41 | | | .3 | .2 | | .2 | | | | | | | | | | | | 7 | 7 | 23 | 35 |
| 40/ 39 | | | .1 | | .1 | | | | | | | | | | | | | 2 | 2 | 25 | 44 |
| 38/ 37 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 17 | 37 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 5 | 36 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 2 | 41 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 3 | 47 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 35 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 19 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 29 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) APR (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 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | 14 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | 14 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | 6 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | 3 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | 3 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | 2 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | 5.4 | 10.8 | 11.9 | 15.1 | 12.6 | 11.7 | 10.3 | 9.1 | 4.7 | 3.2 | 2.3 | 1.0 | .6 | .3 | .1 | | 900 | 900 |
| | | | | | | | | | | | | | | | | | | 900 | 900 |

| Element (X) | $\Sigma_n X'$ | $\Sigma_n X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 2978758 | 48398 | 53.8 | 20.454 | 900 | | | | | | | |
| Dry Bulb | 3917114 | 58780 | 65.3 | 9.322 | 900 | | | 44.1 | 20.1 | 4.3 | | 90 |
| Wet Bulb | 2809839 | 49695 | 55.2 | 8.558 | 900 | | .3 | 8.4 | | | | 90 |
| Dew Point | 2066934 | 41532 | 46.1 | 12.933 | 900 | | 16.8 | 1.2 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) APR (MONTH)

 1200-1400 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | |
| 96/ 95 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | |
| 94/ 93 | | | | | | | | | | | | | | | .1 | | .2 | 3 | 3 | | | |
| 92/ 91 | | | | | | | | | | | | | .1 | .2 | | .4 | .2 | 9 | 9 | | | |
| 90/ 89 | | | | | | | | | | .3 | .2 | .3 | .2 | .3 | .2 | .3 | .3 | 21 | 21 | | | |
| 88/ 87 | | | | | | | | .1 | .4 | .2 | .3 | .3 | | .1 | .1 | .6 | .1 | 21 | 21 | | | |
| 86/ 85 | | | | | | | | .4 | .6 | .3 | .6 | .6 | .2 | .4 | .6 | .4 | | 37 | 37 | | | |
| 84/ 83 | | | | | | .1 | .3 | 1.3 | .9 | .9 | .3 | .3 | .4 | .3 | .6 | | | 50 | 50 | | | |
| 82/ 81 | | | | | | .2 | 1.3 | 1.3 | .3 | .9 | .2 | 1.0 | .6 | .2 | .3 | | | 57 | 57 | | | |
| 80/ 79 | | | | | | .3 | 1.0 | 1.3 | .9 | 1.2 | .6 | 1.0 | .4 | .4 | .3 | | | 68 | 68 | | | |
| 78/ 77 | | | | | .6 | 1.6 | .7 | .4 | .6 | .8 | .8 | .9 | .8 | .4 | | | | 67 | 67 | | | |
| 76/ 75 | | | | .3 | .6 | 1.0 | 1.0 | .9 | 1.0 | 1.3 | 1.0 | .7 | .9 | .1 | | | | 78 | 78 | | | |
| 74/ 73 | | | | .2 | 1.1 | .2 | .6 | 1.1 | .9 | .8 | 1.0 | .7 | .3 | .1 | | | | 63 | 63 | 4 | | |
| 72/ 71 | | | .2 | .4 | .2 | .8 | .9 | .9 | 1.0 | .3 | .8 | .3 | .2 | | | | | 55 | 55 | 24 | | |
| 70/ 69 | | | .9 | .7 | .3 | .3 | .6 | .6 | .7 | .7 | 1.1 | .1 | | | | | | 53 | 53 | 52 | | 3 |
| 68/ 67 | | .2 | .4 | .6 | .4 | 1.0 | .7 | 1.2 | .9 | 1.3 | 1.0 | .1 | | | | | | 71 | 71 | 54 | | 3 |
| 66/ 65 | | | .7 | .7 | .8 | .6 | .4 | .8 | .7 | 1.9 | .3 | | | | | | | 61 | 61 | 82 | | 32 |
| 64/ 63 | .1 | .6 | .7 | .6 | | .2 | .4 | .4 | .8 | .4 | .3 | | | | | | | 41 | 41 | 57 | | 46 |
| 62/ 61 | | .6 | .7 | .2 | .4 | .2 | .1 | .4 | .6 | .3 | | | | | | | | 32 | 32 | 74 | | 53 |
| 60/ 59 | | .3 | .1 | .2 | .1 | .1 | .1 | .4 | .6 | .1 | | | | | | | | 19 | 19 | 88 | | 54 |
| 58/ 57 | | .1 | | .1 | .3 | .2 | .2 | .1 | .4 | .1 | | | | | | | | 15 | 15 | 96 | | 43 |
| 56/ 55 | | .2 | .1 | .4 | .7 | .2 | .1 | .1 | .4 | | | | | | | | | 21 | 21 | 78 | | 47 |
| 54/ 53 | | .1 | | .1 | .2 | .1 | .1 | .4 | .2 | | | | | | | | | 12 | 12 | 52 | | 34 |
| 52/ 51 | | .7 | .1 | | .2 | .3 | .3 | .1 | | | | | | | | | | 16 | 16 | 55 | | 41 |
| 50/ 49 | | .2 | | .3 | .4 | .1 | .1 | | | | | | | | | | | 11 | 11 | 64 | | 54 |
| 48/ 47 | | .3 | .1 | .2 | .4 | | .1 | | | | | | | | | | | 11 | 11 | 39 | | 35 |
| 46/ 45 | | | | .1 | .2 | .1 | | | | | | | | | | | | 4 | 4 | 26 | | 37 |
| 44/ 43 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 17 | | 46 |
| 42/ 41 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 13 | | 44 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 19 | | 39 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 5 | | 28 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | | 43 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 30 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 46 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | APR 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 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 25 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 38 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 29 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 10 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 16 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 10 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 4 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 7 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .1 | 3.3 | 4.2 | 5.2 | 7.1 | 7.8 | 9.1 | 12.3 | 11.8 | 12.0 | 8.6 | 6.3 | 4.2 | 2.8 | 2.2 | 1.8 | 1.1 | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| 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. | 2003895 | 38335 | 42.6 | 20.316 | 900 | | | | | | | |
| Dry Bulb | 4800314 | 65090 | 72.3 | 10.163 | 900 | | | 65.5 | 47.6 | 23.9 | .5 | 90 |
| Wet Bulb | 3055915 | 51949 | 57.7 | 7.988 | 900 | | | 13.4 | .4 | | | 90 |
| Dew Point | 2010504 | 40858 | 45.4 | 13.158 | 900 | | 18.8 | .6 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 74-83 APR
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 |
| 98/ 97 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 96/ 95 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | |
| 94/ 93 | | | | | | | | | | .1 | .1 | | | .2 | .1 | .1 | .2 | 8 | 8 | | |
| 92/ 91 | | | | | | | | | .1 | | | .2 | .1 | .2 | .2 | .4 | .6 | 17 | 17 | | |
| 90/ 89 | | | | | | | | | .1 | .1 | .1 | .4 | .6 | .6 | .3 | .4 | .4 | 28 | 28 | | |
| 88/ 87 | | | | | | | | .2 | .3 | .4 | .4 | .4 | .1 | .6 | .8 | .7 | .2 | 41 | 41 | | |
| 86/ 85 | | | | | | | | .3 | 1.6 | .2 | .8 | .4 | .3 | 1.3 | .3 | 1.0 | | 54 | 54 | | |
| 84/ 83 | | | | | | | .1 | 1.7 | 1.4 | 1.2 | 1.1 | .6 | 1.2 | .3 | 1.4 | .7 | | 88 | 88 | | |
| 82/ 81 | | | | | | | .3 | .4 | 1.2 | 1.0 | .7 | .4 | 1.1 | 1.1 | .1 | .1 | | 59 | 59 | | |
| 80/ 79 | | | | | | .1 | .7 | 1.0 | .1 | .4 | .8 | 1.6 | 1.1 | .7 | .7 | | | 64 | 64 | | |
| 78/ 77 | | | | | .1 | 1.3 | 1.3 | .7 | .6 | .1 | 1.2 | 1.2 | 1.4 | .6 | | | | 77 | 77 | | |
| 76/ 75 | | | | .1 | .9 | .8 | .2 | .9 | .2 | 1.4 | .9 | .1 | .9 | .2 | | | | 60 | 60 | 2 | |
| 74/ 73 | | | | | .4 | .1 | .4 | .9 | .8 | 1.0 | .4 | 1.0 | .3 | .1 | | | | 49 | 49 | 4 | |
| 72/ 71 | | | .1 | .2 | .1 | .1 | .6 | .7 | .7 | 1.0 | .7 | .3 | .3 | | | | | 43 | 43 | 20 | |
| 70/ 69 | | | .2 | .3 | .2 | .1 | .8 | 1.2 | .7 | .7 | 1.3 | .7 | .1 | | | | | 57 | 57 | 48 | 1 |
| 68/ 67 | | | .4 | .2 | .4 | 1.1 | 1.3 | .2 | .4 | 1.2 | .9 | .6 | | | | | | 59 | 59 | 63 | 2 |
| 66/ 65 | | .6 | .6 | 1.0 | .9 | .2 | .4 | .7 | .3 | 1.3 | .3 | | | | | | | 57 | 57 | 65 | 17 |
| 64/ 63 | .1 | .7 | .8 | .2 | .3 | .3 | | .6 | .1 | .1 | .2 | | | | | | | 31 | 31 | 63 | 37 |
| 62/ 61 | .1 | .6 | | .1 | .3 | .1 | .2 | .2 | .2 | | | | | | | | | 17 | 17 | 72 | 63 |
| 60/ 59 | | .1 | .2 | .1 | .4 | .3 | .2 | .7 | .4 | .4 | | | | | | | | 27 | 27 | 92 | 36 |
| 58/ 57 | | .3 | .1 | | .3 | .1 | .1 | .1 | .3 | .1 | | | | | | | | 14 | 14 | 125 | 48 |
| 56/ 55 | | .3 | | .1 | .3 | | | | .4 | | | | | | | | | 11 | 11 | 89 | 40 |
| 54/ 53 | | .3 | | | | .1 | .3 | .4 | | | | | | | | | | 11 | 11 | 65 | 39 |
| 52/ 51 | | .1 | | | .3 | .3 | .1 | | | | | | | | | | | 8 | 8 | 47 | 44 |
| 50/ 49 | | .2 | | | .4 | | .1 | | | | | | | | | | | 7 | 7 | 50 | 39 |
| 48/ 47 | | .1 | | .2 | .2 | | | | | | | | | | | | | 5 | 5 | 38 | 39 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 12 | 33 |
| 44/ 43 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 14 | 46 |
| 42/ 41 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 19 | 41 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 9 | 48 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 3 | 41 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 34 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 45 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 55 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) GYESS AFB TX (STATION NAME) 74-83 (YEARS) APR (MONTH)

PAGE 7 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 | | | | |
| 31/ 29 | | | | | | | | | | | | | | | | | | | | | 35 |
| 27/ 27 | | | | | | | | | | | | | | | | | | | | | 34 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 18 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 11 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 20 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 15 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 11 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 7 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .2 | 3.3 | 2.8 | 2.7 | 5.9 | 5.2 | 7.0 | 10.8 | 10.1 | 11.3 | 10.0 | 8.0 | 7.7 | 5.6 | 4.0 | 3.4 | 2.0 | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| 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. | 1657489 | 34115 | 37.9 | 20.131 | 900 | | | | | | | |
| Dry Bulb | 5132786 | 67350 | 74.8 | 10.158 | 900 | | | 70.9 | 55.0 | 34.1 | 1.3 | 90 |
| Wet Bulb | 3092403 | 52331 | 58.1 | 7.427 | 900 | | | 13.7 | .6 | | | 90 |
| Dew Point | 1896440 | 39608 | 44.0 | 13.060 | 900 | | 20.7 | .3 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) APR (MONTH)

PAGE 1 1800-2000 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 96/ 95 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 92/ 91 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 90/ 89 | | | | | | | | | | | | .2 | | | | .1 | .2 | 5 | 5 | | |
| 88/ 87 | | | | | | | | | .1 | | | .3 | .2 | | .3 | .1 | .1 | 11 | 11 | | |
| 86/ 85 | | | | | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | .4 | | 12 | 12 | | |
| 84/ 83 | | | | | | | .1 | .4 | .3 | .6 | .2 | .1 | .4 | .3 | .9 | .2 | | 33 | 33 | | |
| 82/ 81 | | | | | | .1 | .8 | .4 | .3 | .8 | .2 | .6 | .4 | .7 | .3 | .2 | | 44 | 44 | | |
| 80/ 79 | | | | | | .4 | 1.2 | .3 | .6 | .4 | .2 | .7 | .8 | .6 | .1 | | | 53 | 53 | | |
| 78/ 77 | | | | | .1 | .6 | 1.2 | 1.1 | .9 | .4 | 1.0 | .3 | .2 | .7 | .3 | | | 61 | 61 | | |
| 76/ 75 | | | | | 1.6 | .4 | 1.4 | .9 | .6 | 1.2 | .7 | 1.3 | .8 | | | | | 80 | 80 | | |
| 74/ 73 | | | | .3 | .8 | 1.2 | .6 | .3 | .3 | 1.3 | 1.1 | .4 | .3 | .1 | | | | 62 | 62 | 2 | |
| 72/ 71 | | | .2 | .3 | 1.0 | .4 | .8 | .8 | .4 | 1.1 | .8 | .9 | .9 | | | | | 69 | 69 | 5 | |
| 70/ 69 | | | .3 | .4 | .9 | .3 | 1.1 | .9 | .9 | 1.6 | .4 | .6 | .2 | | | | | 69 | 69 | 25 | |
| 68/ 67 | | | .3 | .3 | .2 | .7 | .6 | .9 | 1.1 | .6 | .3 | .6 | | | | | | 50 | 50 | 50 | 2 |
| 66/ 65 | | .1 | 1.0 | 1.2 | .6 | .7 | .8 | 1.1 | .6 | .9 | .6 | .2 | | | | | | 69 | 69 | 51 | 23 |
| 64/ 63 | .1 | .2 | .6 | 1.0 | .6 | .4 | .4 | .9 | .6 | .4 | .6 | | | | | | | 52 | 52 | 61 | 21 |
| 62/ 61 | .1 | 1.0 | .6 | .6 | .6 | .7 | 1.1 | .9 | 1.2 | .3 | .1 | | | | | | | 63 | 63 | 66 | 42 |
| 60/ 59 | .1 | .2 | .3 | .6 | .8 | .3 | | .7 | .3 | .2 | | | | | | | | 32 | 32 | 72 | 57 |
| 58/ 57 | .3 | .4 | .2 | .7 | .4 | .4 | .7 | .6 | .3 | .1 | | | | | | | | 38 | 38 | 82 | 40 |
| 56/ 55 | .1 | .7 | .4 | .1 | .8 | .2 | .3 | .6 | .6 | | | | | | | | | 34 | 34 | 99 | 46 |
| 54/ 53 | | .2 | .1 | | .1 | .2 | .4 | .3 | .3 | | | | | | | | | 16 | 16 | 82 | 48 |
| 52/ 51 | | .2 | .4 | .2 | .2 | .1 | | .3 | | | | | | | | | | 13 | 13 | 83 | 41 |
| 50/ 49 | | .3 | .1 | | .2 | | .3 | .1 | | | | | | | | | | 10 | 10 | 61 | 40 |
| 48/ 47 | | | | .4 | .6 | .2 | | | | | | | | | | | | 11 | 11 | 49 | 38 |
| 46/ 45 | | | | .2 | .1 | | | | | | | | | | | | | 3 | 3 | 38 | 38 |
| 44/ 43 | | | .2 | .4 | | .1 | | | | | | | | | | | | 7 | 7 | 22 | 39 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 22 | 37 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 16 | 49 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 12 | 47 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 32 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 45 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 40 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 27 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 | DYESS AFB TX | 74-83 | 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. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | + 31 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 40 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 20 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 14 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 20 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 17 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 16 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 15 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 2 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .8 | 7.4 | 4.9 | 6.9 | 9.4 | 7.7 | 12.0 | 11.9 | 9.6 | 10.1 | 6.3 | 6.3 | 4.4 | 2.4 | 2.0 | 1.1 | .7 | | 900 | 900 |
| | | | | | | | | | | | | | | | | | | | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 2153952 | 39570 | 44.0 | 21.464 | 900 | | | | | | | |
| Dry Bulb | 4404704 | 62366 | 69.3 | 9.610 | 900 | | | 55.2 | 36.4 | 13.7 | .2 | 90 |
| Wet Bulb | 2843339 | 50109 | 55.7 | 7.710 | 900 | | | 8.2 | .2 | | | 90 |
| Dew Point | 1844278 | 38896 | 43.2 | 13.477 | 900 | | 21.5 | .2 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 74-83 APR
STATION STATION NAME YEARS

 2100-2300

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 82/ 81 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | | | | .1 | | | .1 | .1 | | | | | .1 | | | | 5 | 5 | | |
| 78/ 77 | | | | | .1 | .7 | .4 | .2 | | | .1 | | .2 | .1 | | | | 17 | 17 | | |
| 76/ 75 | | | | | 1.6 | 1.2 | .9 | .3 | .4 | .2 | .1 | .1 | .1 | | | | | 43 | 43 | | |
| 74/ 73 | | | | .2 | 1.6 | 1.1 | .9 | .6 | .6 | | | | .1 | | | | | 45 | 45 | | |
| 72/ 71 | | | .1 | 1.6 | 1.3 | 1.6 | .6 | .8 | .3 | | .1 | | .4 | | | | | 61 | 61 | 3 | |
| 70/ 69 | | | 1.0 | 1.4 | 1.3 | .3 | .9 | 1.0 | .4 | .7 | .4 | .3 | | | | | | 71 | 71 | 7 | |
| 68/ 67 | | | .4 | 1.3 | .4 | .9 | 1.0 | .4 | 1.1 | .4 | .2 | .2 | | | | | | 59 | 59 | 28 | 3 |
| 66/ 65 | | .2 | 1.3 | .9 | .8 | .7 | .8 | 1.0 | .6 | .4 | .1 | .2 | | | | | | 71 | 71 | 50 | 10 |
| 64/ 63 | | .2 | .6 | .8 | .8 | .6 | 1.3 | .9 | .6 | .2 | .3 | | | | | | | 56 | 56 | 57 | 29 |
| 62/ 61 | .2 | 1.1 | 1.0 | 1.4 | .3 | .3 | 1.3 | .3 | .4 | .7 | .4 | | | | | | | 73 | 73 | 61 | 43 |
| 60/ 59 | | .8 | 1.1 | 1.3 | .9 | 1.1 | .9 | 1.4 | .8 | .3 | | | | | | | | 78 | 78 | 48 | 65 |
| 58/ 57 | .3 | 1.6 | 1.9 | .9 | .1 | 1.0 | .9 | .7 | .1 | .1 | | | | | | | | 68 | 68 | 70 | 51 |
| 56/ 55 | | .7 | 1.1 | 1.3 | 1.7 | 1.3 | .9 | .6 | .2 | | | | | | | | | 70 | 70 | 68 | 39 |
| 54/ 53 | .3 | .6 | .8 | .2 | .8 | .9 | .4 | .3 | .2 | | | | | | | | | 41 | 41 | 70 | 55 |
| 52/ 51 | | .7 | 1.0 | .7 | 1.0 | .8 | .8 | .7 | | | | | | | | | | 50 | 50 | 86 | 46 |
| 50/ 49 | | .2 | .7 | .4 | .2 | 1.1 | .2 | .2 | | | | | | | | | | 26 | 28 | 62 | 41 |
| 48/ 47 | | .3 | | .6 | .3 | | .4 | .1 | | | | | | | | | | 16 | 16 | 68 | 52 |
| 46/ 45 | | | | .4 | .8 | .1 | | | | | | | | | | | | 12 | 12 | 65 | 44 |
| 44/ 43 | | | | .2 | .2 | .4 | .1 | | | | | | | | | | | 9 | 9 | 47 | 26 |
| 42/ 41 | | | .4 | .6 | .1 | .2 | | | | | | | | | | | | 12 | 12 | 27 | 35 |
| 40/ 39 | | | .9 | | .2 | .1 | | | | | | | | | | | | 11 | 11 | 11 | 51 |
| 38/ 37 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 23 | 43 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 19 | 34 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 9 | 29 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 4 | 47 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 37 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 26 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 18 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 6 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 12 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 19 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 22 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 74-83 APR

STATION STATION NAME YEARS MONTH

PAGE 2 2100-2300 HOURS

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 11 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .9 | 6.3 | 12.4 | 14.3 | 14.7 | 14.7 | 12.7 | 11.0 | 5.9 | 3.1 | 1.9 | .9 | .9 | .3 | | | | 900 | 900 | 900 | 900 |

| 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. | 3163499 | 50117 | 55.7 | 20.361 | 900 | | | | | | | |
| Dry Bulb | 3523522 | 55740 | 61.9 | 8.909 | 900 | | | 30.4 | 11.3 | .6 | | 90 |
| Wet Bulb | 2582119 | 47583 | 52.9 | 8.595 | 900 | | .4 | 3.8 | | | | 90 |
| Dew Point | 1903629 | 39639 | 44.0 | 13.249 | 900 | | 20.4 | .3 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 — STATION
DYESS AFB TX — STATION NAME
74-83 — YEARS
APR — MONTH


ALL

| 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. | TOTAL W.B. | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 98/ 97 | | | | | | | | | | | | | | | | | .0 | 3 | 3 | | | |
| 96/ 95 | | | | | | | | | | | | | | | | | .1 | 5 | 5 | | | |
| 94/ 93 | | | | | | | | | | .0 | .0 | | | .0 | .0 | .0 | .1 | 12 | 12 | | | |
| 92/ 91 | | | | | | | | | .0 | | | .0 | .0 | .1 | .0 | .1 | .1 | 28 | 28 | | | |
| 90/ 89 | | | | | | | | | .0 | .1 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | 56 | 56 | | | |
| 88/ 87 | | | | | | | | .1 | .1 | .1 | .1 | .1 | .0 | .1 | .2 | .2 | .1 | 75 | 75 | | | |
| 86/ 85 | | | | | | | .0 | .1 | .1 | .1 | .2 | .1 | .1 | .2 | .1 | .2 | | 107 | 107 | | | |
| 84/ 83 | | | | | | .0 | .1 | .4 | .1 | .1 | .2 | .1 | .1 | .3 | .1 | .4 | .1 | 180 | 180 | | | |
| 82/ 81 | | | | | | .1 | .3 | .3 | .1 | .1 | .2 | .3 | .3 | .3 | .1 | .0 | | 174 | 174 | | | |
| 80/ 79 | | | | | .0 | .2 | .4 | .1 | .1 | .1 | .2 | .4 | .3 | .2 | .1 | | | 217 | 217 | | | |
| 78/ 77 | | | | | .2 | .6 | .6 | .1 | .1 | .2 | .4 | .4 | .4 | .2 | .0 | | | 261 | 261 | | | |
| 76/ 75 | | | | .1 | .9 | .6 | .5 | .4 | .1 | .6 | .4 | .3 | .3 | .0 | | | | 320 | 320 | 2 | | |
| 74/ 73 | | | .0 | .3 | .9 | .5 | .4 | .4 | .4 | .5 | .4 | .3 | .2 | .0 | | | | 316 | 319 | 10 | | |
| 72/ 71 | | | .3 | 1.1 | .7 | .6 | .4 | .5 | .5 | .4 | .4 | .3 | .3 | | | | | 364 | 384 | 63 | | |
| 70/ 69 | | .0 | 1.0 | 1.1 | .9 | .4 | .5 | .6 | .5 | .5 | .6 | .2 | .1 | | | | | 457 | 457 | 155 | 6 | |
| 68/ 67 | | .1 | 1.5 | 1.3 | .7 | .7 | .7 | .5 | .6 | .7 | .3 | .3 | | | | | | 528 | 528 | 287 | 24 | |
| 66/ 65 | | .2 | 1.6 | 1.2 | .8 | .5 | .6 | .8 | .5 | .8 | .2 | .1 | | | | | | 526 | 526 | 426 | 134 | |
| 64/ 63 | .0 | .8 | .9 | .9 | .7 | .4 | .6 | .6 | .6 | .2 | .3 | .0 | | | | | | 441 | 441 | 457 | 263 | |
| 62/ 61 | .1 | 1.2 | 1.0 | .7 | .6 | .5 | .3 | .6 | .5 | .4 | .1 | | | | | | | 472 | 472 | 533 | 423 | |
| 60/ 59 | .1 | .9 | .7 | 1.0 | .7 | .7 | .5 | .7 | .6 | .2 | .0 | | | | | | | 438 | 438 | 524 | 430 | |
| 58/ 57 | .3 | 1.0 | .8 | .6 | .5 | .7 | .4 | .6 | .3 | .1 | | | | | | | | 367 | 367 | 611 | 386 | |
| 56/ 55 | .1 | .8 | .8 | .6 | 1.0 | .9 | .4 | .5 | .3 | | | | | | | | | 392 | 392 | 579 | 377 | |
| 54/ 53 | .1 | .7 | .4 | .6 | .6 | .7 | .3 | .1 | .1 | | | | | | | | | 277 | 277 | 521 | 355 | |
| 52/ 51 | .1 | .7 | .4 | .6 | .6 | .6 | .4 | .2 | | | | | | | | | | 257 | 258 | 515 | 364 | |
| 50/ 49 | .1 | .4 | .5 | .6 | .6 | .6 | .3 | .1 | | | | | | | | | | 229 | 229 | 509 | 338 | |
| 48/ 47 | .1 | .5 | .5 | .7 | .9 | .3 | .1 | .0 | | | | | | | | | | 218 | 218 | 421 | 300 | |
| 46/ 45 | | .3 | .2 | .4 | .7 | .2 | .0 | | | | | | | | | | | 125 | 125 | 402 | 299 | |
| 44/ 43 | | .1 | .3 | .5 | .4 | .1 | .1 | | | | | | | | | | | 109 | 109 | 326 | 300 | |
| 42/ 41 | | .0 | .3 | .5 | .1 | .1 | | | | | | | | | | | | 76 | 76 | 235 | 314 | |
| 40/ 39 | | | .5 | .2 | .1 | .1 | | | | | | | | | | | | 68 | 68 | 236 | 376 | |
| 38/ 37 | | .1 | .1 | .1 | .2 | .0 | | | | | | | | | | | | 39 | 39 | 160 | 318 | |
| 36/ 35 | | .0 | .1 | .1 | .0 | | | | | | | | | | | | | 20 | 20 | 108 | 299 | |
| 34/ 33 | | .0 | .1 | .1 | | | | | | | | | | | | | | 13 | 13 | 40 | 277 | |
| 32/ 31 | | .0 | | .0 | | | | | | | | | | | | | | 4 | 4 | 46 | 297 | |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) APR

PAGE 2 ALL

| 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. | TOTAL Wet B. | TOTAL Dew P. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 77/ 29 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 23 | 281 |
| 75/ 27 | | | .0 | | | | | | | | | | | | | | | 2 | 2 | 7 | 349 |
| 72/ 25 | | | | | | | | | | | | | | | | | | | | 3 | 109 |
| 70/ 23 | | | | | | | | | | | | | | | | | | | | | 90 |
| 67/ 21 | | | | | | | | | | | | | | | | | | | | | 1.5 |
| 65/ 19 | | | | | | | | | | | | | | | | | | | | | 112 |
| 62/ 17 | | | | | | | | | | | | | | | | | | | | | 89 |
| 60/ 15 | | | | | | | | | | | | | | | | | | | | | 55 |
| 57/ 13 | | | | | | | | | | | | | | | | | | | | | 19 |
| 55/ 11 | | | | | | | | | | | | | | | | | | | | | 19 |
| 52/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .8 | 8.3 | 12.1 | 13.3 | 12.7 | 10.1 | 8.6 | 6.9 | 6.7 | 5.7 | 4.0 | 3.2 | 2.4 | 1.5 | 1.1 | .8 | .5 | 7199 | 7199 | 7199 | |

| 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. | 24180039 | 384425 | 53.4 | 22.524 | 7199 | | | | | | | |
| Dry Bulb | 30821350 | 463632 | 64.4 | 11.587 | 7200 | | .7 | 312.5 | 175.6 | 76.6 | 2.0 | 720 |
| Wet Bulb | 21539373 | 388375 | 53.9 | 9.732 | 7199 | | 7.9 | 51.7 | 1.2 | | | 720 |
| Dew Point | 15395539 | 319189 | 44.3 | 13.143 | 7199 | | 161.6 | 3.0 | | | | 720 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72265 DYESS AFB TX 74-83 MAY
STATION STATION NAME YEARS MONTH

 0000-0200 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 86/ 85 | | | | | | | | | | .1 | | .1 | | | | | | 2 | | 2 | | | |
| 84/ 83 | | | | | | .1 | .1 | .1 | | | .1 | .1 | | | | | | 5 | | 5 | | | |
| 82/ 81 | | | | | | .3 | .4 | .1 | | | | | | | | | | 8 | | 8 | | | |
| 80/ 79 | | | | | 1.0 | .9 | .3 | .2 | | .1 | | | | | | | | 23 | | 23 | | | |
| 78/ 77 | | | | 1.3 | .9 | 1.5 | 1.1 | | .5 | | | | | | | | | 47 | | 47 | | | |
| 76/ 75 | | | .1 | 1.1 | 1.7 | .6 | .8 | .4 | | .1 | | | | | | | | 45 | | 45 | | | |
| 74/ 73 | | .2 | .6 | 2.0 | 1.5 | .6 | .3 | .1 | .3 | | | | | | | | | 53 | | 53 | | 1 | |
| 72/ 71 | | | 1.4 | 2.8 | 1.5 | .6 | .3 | .3 | | | | | | | | | | 65 | | 65 | | 39 | |
| 70/ 69 | | .2 | 4.0 | 2.5 | 2.7 | 1.0 | .6 | .3 | | | | | | | | | | 105 | | 105 | | 39 | 23 |
| 68/ 67 | | .9 | 3.9 | 2.4 | 1.5 | .1 | .3 | .4 | .3 | | | .2 | | | | | | 95 | | 95 | | 84 | 27 |
| 66/ 65 | | 1.1 | 4.3 | 1.7 | 1.4 | .4 | .5 | .3 | .1 | | .1 | | | | | | | 94 | | 94 | | 96 | 76 |
| 64/ 63 | | 2.7 | 2.7 | 1.8 | .8 | .4 | .5 | .1 | .1 | | | | | | | | | 85 | | 85 | | 104 | 66 |
| 62/ 61 | | 1.6 | 2.8 | 1.4 | 1.0 | .3 | .1 | .1 | | | | | | | | | | 68 | | 68 | | 120 | 107 |
| 60/ 59 | .1 | 1.9 | 2.6 | 1.6 | .5 | .4 | .1 | .1 | | | | | | | | | | 69 | | 69 | | 91 | 114 |
| 58/ 57 | .2 | 1.8 | 1.3 | .8 | .4 | .3 | .1 | | | | | | | | | | | 43 | | 43 | | 82 | 87 |
| 56/ 55 | | 1.1 | 1.3 | .6 | 1.1 | .3 | | | | | | | | | | | | 41 | | 41 | | 73 | 86 |
| 54/ 53 | | 1.2 | .5 | .9 | .1 | | | | | | | | | | | | | 25 | | 25 | | 54 | 66 |
| 52/ 51 | | .3 | .6 | .5 | .1 | | | | | | | | | | | | | 15 | | 15 | | 40 | 69 |
| 50/ 49 | | .9 | .4 | .5 | | | | | | | | | | | | | | 17 | | 17 | | 31 | 29 |
| 48/ 47 | | .5 | .5 | | | | | | | | | | | | | | | 10 | | 10 | | 35 | 43 |
| 46/ 45 | | .5 | | .1 | | | | | | | | | | | | | | 6 | | 6 | | 19 | 21 |
| 44/ 43 | | .3 | .3 | | | | | | | | | | | | | | | 6 | | 6 | | 12 | 25 |
| 42/ 41 | | | .1 | | | | | | | | | | | | | | | 1 | | 1 | | 4 | 38 |
| 40/ 39 | | .1 | | | | | | | | | | | | | | | | 1 | | 1 | | 3 | 23 |
| 38/ 37 | | | .1 | | | | | | | | | | | | | | | 1 | | 1 | | 2 | 13 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | 6 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 30/ 19 | | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .3 | 15.4 | 27.3 | 22.0 | 16.0 | 8.1 | 5.5 | 3.1 | 1.3 | .3 | .2 | .4 | | | | | | | | 930 | | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | | 930 | | |

| 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 | ≥ 83 F | ≥ 93 F | Total |
| Rel. Hum. | 4996794 | 66866 | 71.9 | 14.271 | 930 | | | | | | | |
| Dry Bulb | 4067676 | 61052 | 65.6 | 8.722 | 930 | | | 44.8 | 18.3 | 2.2 | | 93 |
| Wet Bulb | 3374827 | 55645 | 59.8 | 6.991 | 930 | | | 16.3 | .1 | | | 93 |
| Dew Point | 2956378 | 51858 | 55.8 | 8.346 | 930 | | .5 | 5.0 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

7[illegible]665 — STATION
DYESS AFB TX — STATION NAME
74-83 — YEARS
MAY — MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible]/ 79 | | | | | .1 | | .1 | .1 | .1 | | | | | | | | | 6 | 6 | | |
| 7[illegible]/ 77 | | | | .6 | .3 | .6 | .1 | | | | | | | | | | | 16 | 16 | | |
| 76/ 75 | | | .5 | 1.6 | 1.4 | .3 | .3 | .1 | .1 | | | | | | | | | 43 | 43 | | |
| 74/ 73 | | .1 | 1.3 | 1.2 | 1.7 | 1.1 | | .2 | | | | | | | | | | 52 | 52 | 1 | |
| 72/ 71 | | .6 | 1.1 | 3.7 | .9 | | | | | | | .1 | | | | | | 53 | 53 | 19 | 3 |
| 70/ 69 | | .6 | 4.3 | 1.7 | 1.6 | .2 | .1 | | | | | | | | | | | 80 | 80 | 38 | 22 |
| 68/ 67 | | 1.8 | 5.5 | 2.4 | 1.1 | .5 | .1 | .3 | .2 | | | | | | | | | 111 | 111 | 68 | 33 |
| 66/ 65 | | 1.3 | 4.2 | 2.0 | 1.1 | .2 | .1 | .2 | .1 | | .1 | | | | | | | 87 | 87 | 104 | 53 |
| 64/ 63 | | 2.2 | 3.4 | 2.0 | .5 | .3 | .3 | .3 | .1 | | | | | | | | | 85 | 85 | 96 | 88 |
| 62/ 61 | | 3.1 | 3.0 | 1.4 | 1.0 | .2 | .2 | .1 | .1 | | | | | | | | | 85 | 85 | 96 | 93 |
| 60/ 59 | | 3.4 | 3.3 | 1.7 | .5 | .8 | .3 | | | | | | | | | | | 94 | 94 | 103 | 91 |
| 58/ 57 | .1 | 1.8 | 1.9 | .3 | .3 | .8 | .1 | | | | | | | | | | | 50 | 50 | 100 | 109 |
| 56/ 55 | | 1.8 | .9 | .4 | .5 | .1 | | | | | | | | | | | | 35 | 35 | 60 | 86 |
| 54/ 53 | .1 | 1.7 | 1.0 | 1.0 | | | | | | | | | | | | | | 35 | 35 | 63 | 76 |
| 52/ 51 | .2 | 1.0 | .9 | .8 | .1 | .1 | | | | | | | | | | | | 27 | 27 | 31 | 54 |
| 50/ 49 | | 1.7 | 1.5 | .3 | | | | | | | | | | | | | | 33 | 33 | 49 | 37 |
| 48/ 47 | | 1.3 | .9 | .2 | | | | | | | | | | | | | | 21 | 21 | 44 | 32 |
| 46/ 45 | | .3 | | .1 | | | | | | | | | | | | | | 4 | 4 | 30 | 32 |
| 44/ 43 | | .6 | .3 | .1 | | | | | | | | | | | | | | 10 | 10 | 13 | 28 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 9 | 24 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 3 | 36 |
| 38/ 37 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | | 10 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 3 | 8 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 9 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 4 |
| 28/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .4 | 23.9 | 33.8 | 21.2 | 11.2 | 5.3 | 1.8 | 1.3 | 1.0 | | .1 | .1 | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 5591779 | 71089 | 76.4 | 13.031 | 930 | | | | | | | |
| Dry Bulb | 3797756 | 58982 | 63.4 | 7.935 | 930 | | | 36.1 | 11.7 | .1 | | 93 |
| Wet Bulb | 3265779 | 54697 | 58.8 | 7.250 | 930 | | | 12.6 | .1 | | | 93 |
| Dew Point | 2931470 | 51620 | 55.5 | 8.447 | 930 | | .6 | 5.8 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | MAY MONTH

PAGE 1 0600-0800 HRS LST

| 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. | Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | .2 | .2 | | | | | | | | | | | | 4 | 4 | | |
| 80/ 79 | | | | | .4 | .5 | .1 | .1 | | | .1 | | | | | | | 12 | 12 | | |
| 78/ 77 | | | .2 | .2 | .8 | .5 | .3 | | .1 | | .1 | | | | | | | 21 | 21 | | |
| 76/ 75 | | | .4 | 2.2 | 1.8 | .3 | .1 | | .2 | | | | | | | | | 47 | 47 | | |
| 74/ 73 | | .2 | .8 | 1.7 | 1.7 | .6 | .4 | | | | | | | | | | | 51 | 51 | 4 | |
| 72/ 71 | | .2 | 2.8 | 3.7 | .9 | .3 | .1 | | .1 | .1 | | | | | | | | 76 | 76 | 26 | 4 |
| 70/ 69 | | .9 | 4.9 | 1.5 | 1.1 | .4 | .1 | .3 | .1 | | | | | | | | | 86 | 86 | 53 | 14 |
| 68/ 67 | | 1.4 | 4.5 | 2.0 | 1.1 | .9 | .2 | .2 | .2 | | | | | | | | | 98 | 98 | 82 | 42 |
| 66/ 65 | | 2.2 | 4.1 | 1.9 | 1.1 | .6 | .3 | .6 | | | | | | | | | | 100 | 100 | 103 | 81 |
| 64/ 63 | | 1.8 | 3.0 | 2.0 | .5 | .6 | .3 | .1 | | | | | | | | | | 79 | 79 | 90 | 103 |
| 62/ 61 | .1 | 3.5 | 3.3 | 1.7 | .4 | .5 | .3 | | | | | | | | | | | 93 | 93 | 94 | 80 |
| 60/ 59 | | 2.4 | 2.7 | 1.4 | 1.1 | .5 | | | | | | | | | | | | 75 | 75 | 103 | 88 |
| 58/ 57 | .2 | 2.2 | 1.6 | .8 | .2 | .3 | | | | | | | | | | | | 49 | 49 | 96 | 103 |
| 56/ 55 | | 2.0 | 1.1 | .3 | .4 | .2 | | | | | | | | | | | | 38 | 38 | 71 | 93 |
| 54/ 53 | | .8 | .8 | .6 | .3 | | | | | | | | | | | | | 23 | 23 | 56 | 56 |
| 52/ 51 | .1 | 1.1 | .5 | .4 | .3 | | | | | | | | | | | | | 23 | 23 | 41 | 62 |
| 50/ 49 | .1 | .6 | 1.0 | .2 | | | | | | | | | | | | | | 16 | 16 | 35 | 32 |
| 48/ 47 | | 1.3 | .5 | .1 | | | | | | | | | | | | | | 18 | 18 | 24 | 34 |
| 46/ 45 | | .4 | .5 | | | | | | | | | | | | | | | 9 | 9 | 25 | 34 |
| 44/ 43 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 18 | 23 |
| 42/ 41 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 5 | 28 |
| 40/ 39 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | 29 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | 15 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 5 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .5 | 21.6 | 33.0 | 20.9 | 12.4 | 6.8 | 2.3 | 1.5 | .8 | .1 | .2 | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 5484163 | 70391 | 75.7 | 12.972 | 930 | | | | | | | |
| Dry Bulb | 3921946 | 59960 | 64.5 | 7.774 | 930 | | | 39.6 | 13.6 | .8 | | 93 |
| Wet Bulb | 3352975 | 55453 | 59.6 | 7.074 | 930 | | | 16.5 | .4 | | | 93 |
| Dew Point | 3003676 | 52308 | 56.2 | 8.143 | 930 | | .1 | 6.0 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) OYESS AFB TX (STATION NAME) 74-83 (YEARS) MAY (MONTH)

 0900-1100 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100/ 99 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | .1 | | | .1 | | 2 | 2 | | |
| 92/ 91 | | | | | | | | .1 | | | .1 | | | | .1 | | | 3 | 3 | | |
| 90/ 89 | | | | | | | | .1 | .2 | .5 | .3 | | | | | | | 11 | 11 | | |
| 88/ 87 | | | | | | | .3 | .9 | .8 | .1 | .1 | .1 | .1 | | | | | 20 | 20 | | |
| 86/ 85 | | | | | | .2 | 1.1 | 1.1 | .6 | .1 | .3 | .1 | .1 | | | | | 33 | 33 | | |
| 84/ 83 | | | | | | .5 | 1.4 | 1.1 | .4 | | .1 | | .1 | | | | | 33 | 33 | | |
| 82/ 81 | | | | .2 | .2 | 1.9 | 1.8 | 1.4 | .8 | | .1 | .3 | | | | | | 63 | 63 | | |
| 80/ 79 | | | | .1 | 1.2 | 1.9 | 2.2 | .5 | .2 | .1 | .1 | .2 | | | | | | 61 | 61 | | |
| 78/ 77 | | | .1 | .8 | 1.9 | 3.2 | 1.3 | .5 | .5 | .2 | .4 | .3 | | | | | | 86 | 86 | 1 | |
| 76/ 75 | | | .1 | 1.9 | 2.5 | 1.9 | 1.6 | .4 | .1 | .1 | .2 | .4 | | | | | | 87 | 87 | 12 | |
| 74/ 73 | | | .3 | 2.6 | 1.9 | 2.2 | .3 | .5 | .6 | .2 | .4 | .1 | | | | | | 86 | 86 | 30 | 1 |
| 72/ 71 | | .1 | 1.1 | 1.6 | 1.7 | 1.3 | .8 | .3 | .6 | .3 | | | | | | | | 77 | 77 | 89 | 14 |
| 70/ 69 | | .1 | 1.8 | 1.8 | 2.8 | .8 | 1.0 | .9 | .5 | | .1 | | | | | | | 88 | 88 | 100 | 18 |
| 68/ 67 | | .1 | 1.4 | 1.8 | 1.3 | 1.0 | .9 | .4 | .1 | | | | | | | | | 65 | 65 | 126 | 68 |
| 66/ 65 | .1 | .3 | 1.0 | 2.0 | .9 | .6 | .5 | .3 | | | | | | | | | | 54 | 54 | 89 | 109 |
| 64/ 63 | | .4 | 1.1 | 1.2 | .5 | 1.2 | .6 | .1 | | | | | | | | | | 48 | 48 | 100 | 92 |
| 62/ 61 | | .8 | .6 | .9 | .5 | .3 | .5 | | | | | | | | | | | 34 | 34 | 80 | 102 |
| 60/ 59 | | .9 | .2 | .2 | .3 | .5 | | .1 | | | | | | | | | | 21 | 21 | 73 | 92 |
| 58/ 57 | | .9 | .1 | .4 | .2 | .1 | .1 | | | | | | | | | | | 17 | 17 | 67 | 99 |
| 56/ 55 | | .4 | .3 | .1 | .2 | .1 | | | | | | | | | | | | 11 | 11 | 63 | 58 |
| 54/ 53 | | .3 | .2 | .3 | .2 | .1 | | | | | | | | | | | | 11 | 11 | 35 | 41 |
| 52/ 51 | | .2 | .2 | .3 | .1 | | | | | | | | | | | | | 8 | 8 | 26 | 48 |
| 50/ 49 | | .2 | .3 | | | | | | | | | | | | | | | 5 | 5 | 15 | 26 |
| 48/ 47 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 11 | 29 |
| 46/ 45 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 11 | 31 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | 29 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 32 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 16 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 12 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 8 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PAGE 7 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .1 | 4.7 | 9.4 | 16.3 | 16.5 | 18.0 | 14.4 | 8.1 | 5.4 | 1.7 | 2.4 | 1.6 | .4 | .1 | .1 | .2 | | 930 | 930 | 930 | 930 |

| 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. | 3682713 | 56741 | 61.0 | 15.418 | 930 | | | | | | | |
| Dry Bulb | 4965802 | 67896 | 72.6 | 8.504 | 930 | | | 71.7 | 48.7 | 19.3 | .4 | 93 |
| Wet Bulb | 3771795 | 58897 | 63.3 | 6.711 | 930 | | | 35.8 | 4.3 | | | 93 |
| Dew Point | 3135217 | 53413 | 57.4 | 8.526 | 930 | | .3 | 10.1 | .1 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 — STATION
DYESS AFB TX — STATION NAME
74-83 — YEARS
MAY — 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 |
| 106/105 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 104/103 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 102/101 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 100/ 99 | | | | | | | | | | | | | | | .1 | .1 | .1 | 3 | 3 | | |
| 98/ 97 | | | | | | | | | | | .1 | | .1 | .1 | .1 | .4 | .1 | 9 | 9 | | |
| 96/ 95 | | | | | | | | | | | .2 | .2 | .5 | .1 | | .1 | | 11 | 11 | | |
| 94/ 93 | | | | | | | | | | .1 | .2 | 1.1 | .6 | .3 | .1 | .1 | .1 | 25 | 25 | | |
| 92/ 91 | | | | | | | | .1 | .4 | 1.1 | 1.7 | .5 | .5 | | .2 | | | 43 | 43 | | |
| 90/ 89 | | | | | | | | .2 | .5 | 1.5 | 1.4 | .3 | .3 | | .1 | | | 41 | 41 | | |
| 88/ 87 | | | | | | | | 1.3 | 1.1 | .9 | .9 | .8 | .3 | .6 | .2 | | | 56 | 56 | | |
| 86/ 85 | | | | | | .2 | .6 | 1.4 | .9 | 2.3 | .4 | .2 | .4 | .8 | .2 | | | 69 | 69 | | |
| 84/ 83 | | | | | .1 | .6 | 1.9 | 2.3 | 1.9 | .5 | .5 | .5 | .4 | .3 | | | | 86 | 86 | | |
| 82/ 81 | | | | | .3 | 1.2 | 2.2 | 2.4 | 1.6 | .5 | .3 | .3 | .2 | .3 | | | | 87 | 87 | | |
| 80/ 79 | | | | .1 | 1.0 | 2.2 | 2.0 | 2.6 | .2 | .4 | .6 | .3 | .3 | .1 | | | | 92 | 92 | | |
| 78/ 77 | | | | .1 | 1.0 | 1.5 | 1.6 | .9 | 1.1 | .8 | .5 | .2 | .2 | | | | | 73 | 73 | 5 | |
| 76/ 75 | | | | .5 | .3 | 2.0 | 1.0 | 1.2 | .4 | .8 | .6 | .1 | | | | | | 65 | 65 | 15 | |
| 74/ 73 | | | | .8 | .9 | 1.2 | 1.0 | .6 | .8 | .9 | .1 | | | | | | | 57 | 57 | 65 | |
| 72/ 71 | | | .4 | 1.0 | 1.1 | .5 | .9 | .5 | .6 | .4 | | | | | | | | 51 | 51 | 113 | 6 |
| 70/ 69 | | .1 | .2 | .8 | 1.0 | .4 | .8 | .8 | .4 | .1 | | | | | | | | 42 | 42 | 131 | 21 |
| 68/ 67 | | | .4 | .4 | .5 | 1.3 | .3 | .5 | .2 | | | | | | | | | 35 | 35 | 128 | 58 |
| 66/ 65 | | | | .5 | .4 | .4 | .3 | .1 | | .1 | | | | | | | | 18 | 18 | 95 | 83 |
| 64/ 63 | | .5 | .1 | | .1 | .3 | .4 | | .1 | | | | | | | | | 15 | 15 | 81 | 91 |
| 62/ 61 | | .2 | .1 | .1 | .2 | .1 | | .1 | | | | | | | | | | 8 | 8 | 67 | 105 |
| 60/ 59 | | .5 | .1 | .1 | .3 | | | | | | | | | | | | | 10 | 10 | 68 | 113 |
| 58/ 57 | | .4 | | | .1 | | | | | | | | | | | | | 5 | 5 | 62 | 81 |
| 56/ 55 | | .4 | | | .2 | | | | | | | | | | | | | 6 | 6 | 45 | 42 |
| 54/ 53 | | .1 | .4 | .6 | .1 | | | | | | | | | | | | | 12 | 12 | 23 | 47 |
| 52/ 51 | .2 | .1 | | .4 | | | | | | | | | | | | | | 7 | 7 | 13 | 67 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 7 | 20 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 9 | 34 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 3 | 48 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 27 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 34 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 23 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAY (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. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 15 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 4 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 5 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 5 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .2 | 2.5 | 1.8 | 5.5 | 7.6 | 12.0 | 13.0 | 14.9 | 10.3 | 10.3 | 7.7 | 4.6 | 4.1 | 2.7 | 1.1 | .8 | .8 | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | 930 | |

| 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. | 2441933 | 45203 | 48.6 | 16.234 | 930 | | | | | | | |
| Dry Bulb | 5889583 | 73499 | 79.0 | 9.330 | 930 | | | 84.9 | 72.1 | 48.1 | 5.2 | 93 |
| Wet Bulb | 3976199 | 60529 | 65.1 | 6.283 | 930 | | | 45.7 | 8.5 | | | 93 |
| Dew Point | 3034471 | 52497 | 56.4 | 8.748 | 930 | | .6 | 8.5 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (YEARS) MAY (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108/107 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | |
| 106/105 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | |
| 104/103 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | |
| 102/101 | | | | | | | | | | | | | | | .1 | | .1 | 2 | 2 | |
| 100/ 99 | | | | | | | | | | | | | .2 | .1 | .3 | .1 | .2 | 9 | 9 | |
| 98/ 97 | | | | | | | | | | | | .1 | .2 | .3 | .3 | .3 | .3 | 15 | 15 | |
| 96/ 95 | | | | | | | | | | .1 | | .4 | .4 | .6 | .9 | .5 | .2 | 30 | 30 | |
| 94/ 93 | | | | | | | | | .3 | .2 | .5 | .8 | .8 | .9 | .8 | .4 | | 42 | 42 | |
| 92/ 91 | | | | | | | | | .3 | 1.2 | 1.7 | .9 | .2 | .3 | .1 | .3 | | 47 | 47 | |
| 90/ 89 | | | | | | | | | .4 | .4 | 1.1 | 1.1 | .3 | .8 | .6 | .2 | | 46 | 46 | |
| 88/ 87 | | | | | | | | .1 | 1.3 | 2.3 | 1.1 | .9 | .5 | .6 | .5 | .3 | | 71 | 71 | |
| 86/ 85 | | | | | | .3 | .6 | 1.8 | 1.6 | 1.8 | 1.2 | .4 | .9 | .9 | .4 | .1 | | 94 | 94 | |
| 84/ 83 | | | | | | .6 | 1.0 | 2.5 | 1.1 | 1.7 | .6 | .2 | .3 | .3 | .5 | | | 83 | 83 | |
| 82/ 81 | | | | | | 1.7 | 1.5 | 2.6 | 1.4 | .9 | .2 | .8 | .2 | .2 | | | | 81 | 81 | |
| 80/ 79 | | | | | .6 | .5 | 1.5 | 1.0 | .6 | .3 | 1.0 | .8 | .2 | | | | | 61 | 61 | | |
| 78/ 77 | | | | .1 | .4 | .9 | 1.3 | 1.3 | 1.4 | .5 | 1.2 | .3 | | | | | | 69 | 69 | 4 | |
| 76/ 75 | | | | .5 | .8 | 1.3 | .6 | .9 | 1.1 | .2 | .6 | .2 | | | | | | 58 | 58 | 17 | |
| 74/ 73 | | | .2 | | .6 | 1.1 | 1.0 | 1.8 | .6 | .4 | .2 | .1 | | | | | | 57 | 57 | 44 | |
| 72/ 71 | | | .3 | .5 | .4 | .2 | 1.1 | .3 | .5 | .4 | | | | | | | | 36 | 36 | 111 | 2 |
| 70/ 69 | | .1 | .4 | 1.0 | .4 | 1.1 | .2 | .1 | .2 | .1 | | | | | | | | 34 | 34 | 130 | 16 |
| 68/ 67 | | | .6 | .5 | .5 | .5 | .4 | .6 | | .3 | | | | | | | | 34 | 34 | 136 | 45 |
| 66/ 65 | | | .5 | .6 | .4 | .1 | .1 | | | | | | | | | | | 17 | 17 | 105 | 58 |
| 64/ 63 | | .2 | | .2 | .1 | .1 | .2 | | | | | | | | | | | 8 | 8 | 80 | 73 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 79 | 100 |
| 60/ 59 | | .3 | | | | .1 | | | | | | | | | | | | 4 | 4 | 100 | 110 |
| 58/ 57 | | .1 | .3 | | .4 | | | | | | | | | | | | | 8 | 8 | 49 | 73 |
| 56/ 55 | | .2 | .1 | .3 | | | | | | | | | | | | | | 6 | 6 | 33 | 66 |
| 54/ 53 | | .3 | | .6 | .1 | | | | | | | | | | | | | 10 | 10 | 16 | 60 |
| 52/ 51 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 67 |
| 50/ 49 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 13 | 39 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 7 | 35 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 41 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 35 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 36 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) CYESS AFB TX (STATION NAME) 74-83 (YEARS) MAY (MONTH)

PAGE 2 1500-1700 (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. | TOTAL W.B. | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 26 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 19 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 11 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 7 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 10 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 1.6 | 2.8 | 4.5 | 4.9 | 7.8 | 9.6 | 13.0 | 10.9 | 11.0 | 9.5 | 6.9 | 4.3 | 5.1 | 4.6 | 2.4 | 1.4 | 930 | | 930 | | 930 |

| 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. | 2054843 | 40793 | 43.9 | 16.906 | 930 | | | | | | | |
| Dry Bulb | 6201015 | 75421 | 81.1 | 9.539 | 930 | | | 87.9 | 77.0 | 55.9 | 10.3 | 93 |
| Wet Bulb | 3972463 | 60533 | 65.1 | 5.907 | 930 | | | 49.2 | 6.5 | | | 93 |
| Dew Point | 2886058 | 51138 | 55.0 | 8.933 | 930 | | 1.1 | 6.3 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 74-83 YEARS | MAY MONTH

PAGE 1 | 1600-2000 HOURS

| 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. | TOTAL W.B. Dry Bulb | Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 102/101 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | |
| 98/ 97 | | | | | | | | | | | | | .1 | .2 | .1 | | .1 | 5 | 5 | |
| 96/ 95 | | | | | | | | | | | | | | .1 | | .2 | .1 | 4 | 4 | |
| 94/ 93 | | | | | | | | | | | .1 | .1 | .3 | .3 | .2 | .3 | | 13 | 13 | |
| 92/ 91 | | | | | | | | .1 | .1 | .1 | .5 | .5 | .2 | .1 | .5 | .2 | | 23 | 23 | |
| 90/ 89 | | | | | | | | | .6 | .6 | .6 | .5 | .3 | .2 | .1 | .3 | | 32 | 32 | |
| 88/ 87 | | | | | | | .3 | .4 | .3 | 1.2 | 1.1 | .1 | .4 | .3 | .2 | .1 | | 41 | 41 | |
| 86/ 85 | | | | | | | .4 | .4 | 1.6 | .8 | .8 | .4 | .1 | .2 | .1 | .1 | | 46 | 46 | |
| 84/ 83 | | | | | | .3 | .9 | 1.0 | 1.1 | 1.3 | .2 | .5 | .5 | .6 | .1 | | | 61 | 61 | |
| 82/ 81 | | | | | .4 | .8 | 1.8 | 1.6 | 1.7 | 1.0 | .4 | .5 | .3 | .2 | | | | 82 | 82 | |
| 80/ 79 | | | | .1 | .6 | 1.6 | 1.6 | 1.4 | .9 | .5 | .2 | .6 | .1 | .1 | | | | 73 | 73 | |
| 78/ 77 | | | | .1 | .5 | 1.3 | 1.3 | 1.4 | .2 | .9 | .4 | .5 | .1 | | | | | 68 | 68 | 2 |
| 76/ 75 | | | | .8 | 1.4 | 1.9 | 1.6 | 1.5 | 1.1 | .5 | .5 | .2 | .1 | | | | | 90 | 90 | 4 |
| 74/ 73 | | | .4 | .9 | 1.8 | 1.4 | 1.3 | 1.4 | .4 | .5 | .5 | .2 | .1 | | | | | 84 | 84 | 27 |
| 72/ 71 | | | .9 | .6 | 1.3 | 1.6 | 1.7 | 1.0 | .4 | .4 | .1 | | | | | | | 68 | 68 | 61 3 |
| 70/ 69 | | | .3 | 1.2 | 1.2 | 1.0 | 1.7 | .2 | .5 | | .1 | | | | | | | 58 | 58 | 106 17 |
| 68/ 67 | | | .9 | 1.3 | .4 | 1.3 | .6 | .5 | .4 | .1 | | | | | | | | 53 | 53 | 115 41 |
| 66/ 65 | | | 1.0 | 1.2 | 1.8 | .6 | .2 | .5 | | | | | | | | | | 50 | 50 | 104 56 |
| 64/ 63 | | .1 | .9 | 1.2 | .2 | .2 | .1 | .1 | .1 | | | | | | | | | 27 | 27 | 119 42 |
| 62/ 61 | | .1 | .1 | .1 | .1 | .3 | .1 | .1 | | | | | | | | | | 9 | 9 | 88 102 |
| 60/ 59 | | | .1 | .3 | .1 | .2 | .2 | | | | | | | | | | | 9 | 9 | 100 107 |
| 58/ 57 | | .4 | .1 | | .3 | | | | | | | | | | | | | 8 | 8 | 78 83 |
| 56/ 55 | | .1 | | .1 | .1 | | | | | | | | | | | | | 3 | 3 | 53 85 |
| 54/ 53 | | .3 | .2 | .4 | | | | | | | | | | | | | | 9 | 9 | 23 69 |
| 52/ 51 | | .2 | .1 | .2 | | | | | | | | | | | | | | 5 | 5 | 19 63 |
| 50/ 49 | | .4 | | .1 | | | | | | | | | | | | | | 5 | 5 | 12 43 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 14 45 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 1 32 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 1 20 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 39 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 27 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 19 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 13 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 8 |

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 74-83 MAY
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. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32/ 31 | | | | | | | | | | | | | | | | | | | 7 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | 4 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | 1.7 | 5.0 | 8.6 | 10.9 | 12.6 | 13.7 | 11.9 | 9.6 | 8.0 | 5.7 | 4.4 | 2.8 | 2.5 | 1.4 | 1.3 | .3 | 927 | 927 | 927 |
| | | | | | | | | | | | | | | | | | | 927 | 927 | |

| 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. | 2632556 | 46728 | 50.4 | 17.299 | 927 | | | | | | | |
| Dry Bulb | 5460994 | 70670 | 76.2 | 8.906 | 927 | | | 80.5 | 62.5 | 34.6 | 2.3 | 93 |
| Wet Bulb | 3743464 | 58646 | 63.3 | 5.994 | 927 | | | 31.6 | 3.3 | | | 93 |
| Dew Point | 2845116 | 50692 | 54.7 | 8.884 | 927 | | 1.3 | 6.1 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722565 DYESS AFB TX 74-83 MAY

STATION STATION NAME YEARS

 2100-2300

| 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 | DB | WB | Dew Bulb | Dew Point |
| 90 / 89 | | | | | | | | | | | | | .1 | .1 | | | | | | | | | | | |
| 88 / 87 | | | | | | | .1 | .1 | | | | | | .1 | | | | | | | | | | | |
| 86 / 85 | | | | | | | .1 | .1 | .9 | .2 | | .1 | | | | | | 14 | 14 | | | | | | |
| 84 / 83 | | | | | | .5 | .2 | 1.3 | .9 | | | | | | | | | 27 | 27 | | | | | | |
| 82 / 81 | | | | | .3 | .4 | 1.1 | 1.4 | .2 | .1 | .1 | | | | | | | 74 | 74 | | | | | | |
| 80 / 79 | | | | | .4 | 1.1 | 1.7 | .6 | .4 | | .1 | | | | | | | 41 | 41 | | | | | | |
| 78 / 77 | | | | .9 | 1.1 | 1.6 | .6 | .3 | .1 | .3 | .2 | | | | | | | 57 | 57 | | | | | | |
| 76 / 75 | | | .2 | .6 | 1.8 | .9 | 1.4 | .3 | .4 | .2 | .2 | | | | | | | 57 | 57 | 5 | | | | | |
| 74 / 73 | | | .5 | 1.5 | 2.0 | 2.6 | .3 | .6 | .4 | .2 | .1 | | | | | | | 75 | 75 | 11 | | | | | |
| 72 / 71 | | | 2.4 | 2.9 | 2.5 | 1.8 | .9 | .3 | .2 | .1 | .2 | | | | | | | 104 | 104 | 37 | 2 | | | | |
| 70 / 69 | | .4 | 1.7 | 2.9 | 2.0 | .5 | .5 | .4 | .8 | .2 | | | | | | | | 89 | 89 | 65 | 10 | | | | |
| 68 / 67 | | | 2.5 | 2.5 | 1.5 | 1.2 | .3 | .1 | .3 | .1 | | | | | | | | 79 | 79 | 117 | 30 | | | | |
| 66 / 65 | | .3 | 2.0 | 2.4 | 1.5 | 1.0 | .3 | .5 | .1 | | | | | | | | | 76 | 76 | 85 | 79 | | | | |
| 64 / 63 | | 1.1 | 1.5 | 2.8 | 2.5 | 1.1 | 1.1 | .3 | .2 | | | | | | | | | 98 | 98 | 116 | 63 | | | | |
| 62 / 61 | | 1.3 | 1.3 | 1.3 | .9 | .9 | .5 | .1 | | | | | | | | | | 95 | 95 | 120 | 109 | | | | |
| 60 / 59 | | .6 | 1.7 | 1.3 | .1 | .2 | .4 | | | | | | | | | | | 41 | 41 | 92 | 101 | | | | |
| 58 / 57 | | .6 | .9 | .4 | 1.3 | .4 | | | | | | | | | | | | 31 | 31 | 76 | 86 | | | | |
| 56 / 55 | | .3 | .1 | .1 | .1 | .2 | | | | | | | | | | | | 8 | 8 | 82 | 81 | | | | |
| 54 / 53 | | | | .2 | .2 | .1 | | | | | | | | | | | | 5 | 5 | 43 | 63 | | | | |
| 52 / 51 | | .3 | .3 | .2 | .1 | | | | | | | | | | | | | 9 | 9 | 30 | 61 | | | | |
| 50 / 49 | | .3 | .5 | | .3 | | | | | | | | | | | | | 11 | 11 | 30 | 39 | | | | |
| 48 / 47 | | .3 | .3 | | | | | | | | | | | | | | | 6 | 6 | 16 | 43 | | | | |
| 46 / 45 | | .1 | .3 | | | | | | | | | | | | | | | 4 | 4 | 15 | 21 | | | | |
| 44 / 43 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 4 | 27 | | | | |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | 5 | 28 | | | | |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | 23 | | | | |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | | 17 | | | | |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | 13 | | | | |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| TOTAL | | 5.5 | 16.6 | 20.1 | 18.4 | 14.6 | 9.9 | 7.0 | 4.9 | 1.5 | 1.1 | .1 | .1 | .2 | | | | | 927 | | 927 | | | | |
| | | | | | | | | | | | | | | | | | | 927 | | 927 | | | | | |

| 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. | 4039945 | 59609 | 64.3 | 14.948 | 927 | | | | | | | |
| Dry Bulb | 4493265 | 64103 | 69.2 | 8.781 | 927 | | | 58.3 | 31.0 | 9.8 | | 93 |
| Wet Bulb | 3513868 | 56744 | 61.2 | 6.607 | 927 | | | 23.4 | 1.4 | | | 93 |
| Dew Point | 2951444 | 51748 | 55.8 | 8.229 | 927 | | .3 | 5.2 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 — STATION
LYESS AFB TX — STATION NAME
74-82 — YEARS
MAY — MONTH
PAGE 1 — ALL

| 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 | TOTAL W.B | TOTAL Dry B. | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110/107 | | | | | | | | | | | | | | | | | .0 | 1 | 1 | | | |
| 106/105 | | | | | | | | | | | | | | | | | .0 | 3 | 3 | | | |
| 104/103 | | | | | | | | | | | | | | | | | .0 | 3 | 3 | | | |
| 102/101 | | | | | | | | | | | | | | | .0 | | .1 | 5 | 5 | | | |
| 100/ 99 | | | | | | | | | | | | | .0 | .0 | .1 | .0 | .0 | 13 | 13 | | | |
| 98/ 97 | | | | | | | | | | | .0 | .0 | .1 | .1 | .1 | .1 | .1 | 29 | 29 | | | |
| 96/ 95 | | | | | | | | | | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .0 | 46 | 46 | | | |
| 94/ 93 | | | | | | | | | .0 | .0 | .1 | .2 | .2 | .2 | .1 | .1 | .0 | 92 | 92 | | | |
| 92/ 91 | | | | | | | | .1 | .1 | .3 | .5 | .2 | .1 | .1 | .1 | .1 | | 116 | 116 | | | |
| 90/ 89 | | | | | | | | .1 | .2 | .4 | .4 | .2 | .1 | .1 | .1 | .1 | | 132 | 132 | | | |
| 88/ 87 | | | | | | | .1 | .1 | .4 | .6 | .4 | .2 | .2 | .2 | .1 | .1 | | 191 | 191 | | | |
| 86/ 85 | | | | | | .1 | .4 | .6 | .7 | .7 | .7 | .2 | .2 | .2 | .2 | .0 | | 258 | 258 | | | |
| 84/ 83 | | | | | .1 | .3 | .7 | 1.1 | .7 | .4 | .2 | .2 | .2 | .2 | .1 | | | 296 | 296 | | | |
| 82/ 81 | | | | .1 | .2 | .7 | 1.1 | 1.1 | .7 | .3 | .1 | .2 | .1 | .1 | | | | 359 | 359 | | | |
| 80/ 79 | | | | .1 | .7 | 1.1 | 1.2 | .7 | .3 | .2 | .3 | .2 | .1 | .0 | | | | 369 | 369 | | | |
| 78/ 77 | | | .0 | .5 | .9 | 1.4 | 1.0 | .4 | .5 | .3 | .4 | .2 | .0 | | | | | 433 | 433 | 12 | | |
| 76/ 75 | | | .2 | 1.2 | 1.5 | 1.2 | .9 | .4 | .4 | .2 | .3 | .1 | .0 | | | | | 492 | 492 | 51 | | |
| 74/ 73 | | .1 | .5 | 1.3 | 1.5 | 1.3 | .6 | .4 | .4 | .3 | .2 | .1 | .0 | | | | | 518 | 518 | 183 | | 1 |
| 72/ 71 | | .1 | 1.3 | 2.0 | 1.3 | .9 | .6 | .4 | .3 | .2 | .0 | .0 | | | | | | 530 | 530 | 495 | | 34 |
| 70/ 69 | | .3 | 2.2 | 1.7 | 1.6 | .7 | .6 | .3 | .3 | .1 | .0 | | | | | | | 582 | 582 | 662 | | 151 |
| 68/ 67 | | .5 | 2.5 | 1.7 | 1.0 | .8 | .4 | .4 | .2 | .1 | | .1 | | | | | | 570 | 570 | 856 | | 344 |
| 66/ 65 | .1 | .6 | 2.1 | 1.6 | 1.1 | .5 | .3 | .4 | .1 | .0 | .0 | | | | | | | 496 | 496 | 781 | | 591 |
| 64/ 63 | | 1.1 | 1.6 | 1.4 | .7 | .5 | .5 | .1 | .1 | | | | | | | | | 445 | 445 | 786 | | 618 |
| 62/ 61 | .0 | 1.3 | 1.4 | .9 | .5 | .3 | .3 | .1 | .1 | | | | | | | | | 352 | 352 | 724 | | 798 |
| 60/ 59 | .0 | 1.3 | 1.3 | .9 | .4 | .3 | .1 | .1 | | | | | | | | | | 323 | 323 | 730 | | 936 |
| 58/ 57 | .1 | 1.0 | .7 | .3 | .4 | .2 | .0 | | | | | | | | | | | 211 | 211 | 610 | | 721 |
| 56/ 55 | | .8 | .5 | .3 | .3 | .1 | | | | | | | | | | | | 146 | 148 | 490 | | 597 |
| 54/ 53 | .1 | .6 | .4 | .6 | .1 | .0 | | | | | | | | | | | | 130 | 130 | 313 | | 478 |
| 52/ 51 | .1 | .4 | .3 | .4 | .1 | .0 | | | | | | | | | | | | 96 | 96 | 206 | | 491 |
| 50/ 49 | .0 | .5 | .5 | .1 | .0 | | | | | | | | | | | | | 90 | 90 | 192 | | 265 |
| 48/ 47 | | .4 | .3 | .0 | | | | | | | | | | | | | | 58 | 58 | 160 | | 295 |
| 46/ 45 | | .2 | .1 | .0 | | | | | | | | | | | | | | 24 | 24 | 104 | | 260 |
| 44/ 43 | | .2 | .1 | .0 | | | | | | | | | | | | | | 23 | 23 | 50 | | 214 |
| 42/ 41 | | .0 | .0 | | | | | | | | | | | | | | | 4 | 4 | 23 | | 259 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72265 — STATION
GYERS AFB TX — STATION NAME
74-87 — YEARS
MAY — MONTH


ALL

| 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. | TOTAL W.B. | TOTAL Dew Pt. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 / 39 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 3 |
| 34 / 37 | | .0 | .0 | | | | | | | | | | | | | | | 4 | 4 | 3 |
| 32 / 35 | | | | | | | | | | | | | | | | | | | | 5 |
| 30 / 33 | | | | | | | | | | | | | | | | | | | | |
| 28 / 31 | | | | | | | | | | | | | | | | | | | | |
| 26 / 29 | | | | | | | | | | | | | | | | | | | | |
| 24 / 27 | | | | | | | | | | | | | | | | | | | | |
| 22 / 25 | | | | | | | | | | | | | | | | | | | | |
| 20 / 23 | | | | | | | | | | | | | | | | | | | | |
| 18 / 19 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .2 | 9.6 | 16.2 | 14.9 | 12.2 | 10.6 | 8.9 | 7.7 | 5.5 | 4.1 | 3.4 | 2.3 | 1.5 | 1.3 | .9 | .6 | .7 | 7434 | 7434 | 7434 |
| | | | | | | | | | | | | | | | | | | 7434 | 7434 | |

| 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. | 39924726 | 457427 | 61.5 | 19.337 | 7434 | | | | | | | |
| Dry Bulb | 38798337 | 531183 | 71.5 | 10.452 | 7434 | | | 503.2 | 334.9 | 170.8 | 19.2 | 744 |
| Wet Bulb | 28971372 | 461144 | 62.0 | 7.915 | 7434 | | | 226.1 | 24.6 | | | 744 |
| Dew Point | 23743830 | 415274 | 55.9 | 8.571 | 7434 | | 4.8 | 53.0 | .1 | | | 744 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72266E — DYESS AFB TX — 73-82 — JUN

 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. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥88/ 87 | | | | | | | | | | | | | | | | | .1 | 1 1 | | |
| 86/ 85 | | | | | | | | | | .1 | | | | | | | | 1 1 | | |
| 84/ 83 | | | | | | .1 | .2 | 1.1 | 1.1 | .2 | .2 | | .1 | | .1 | | | 29 29 | | |
| 82/ 81 | | | | | .1 | .9 | 2.4 | 2.1 | 1.3 | .2 | .1 | | | .1 | | | | 68 68 | | |
| 80/ 79 | | | | .3 | 2.2 | 3.2 | 4.5 | 1.1 | .2 | .2 | .1 | | | | | | | 113 113 | | |
| 78/ 77 | | | 1.7 | 3.5 | 6.7 | 1.8 | .9 | .2 | .1 | | | | | | | | | 132 132 | | |
| 76/ 75 | | .2 | 2.3 | 4.9 | 2.3 | 1.2 | .4 | | | | | | | | | | | 103 103 | | |
| 74/ 73 | | .7 | 3.6 | 3.3 | 1.6 | .9 | .2 | .1 | .1 | | | | | | | | | 93 93 | 9 | |
| 72/ 71 | .1 | 1.2 | 3.6 | 1.7 | 1.3 | .9 | .2 | .3 | | | | | | | | | | 83 83 | 69 | 6 |
| 70/ 69 | .1 | .6 2.2 | 1.6 | 2.0 | 1.0 | .1 | .1 | .1 | | | | | | | | | | 74 74 | 156 | 29 |
| 68/ 67 | 1.1 | 2.9 | 2.3 | .9 | .8 | .7 | .3 | | | | | | | | | | | 79 79 | 202 | 60 |
| 66/ 65 | .8 | 2.1 | .8 | .7 | .4 | .4 | | | | | | | | | | | | 47 47 | 150 | 118 |
| 64/ 63 | .1 | 1.6 .9 | .8 | .4 | .2 | | | | | | | | | | | | | 36 38 | 103 | 165 |
| 62/ 61 | .3 | .3 | .6 | .3 | | | | | | | | | | | | | | 14 14 | 83 | 161 |
| 60/ 59 | .3 | .7 | .2 | .2 | | | | | | | | | | | | | | 13 13 | 40 | 112 |
| 58/ 57 | .1 | .1 | .1 | | | | | | | | | | | | | | | 3 3 | 34 | 71 |
| 56/ 55 | | .3 | .3 | | | | | | | | | | | | | | | 6 6 | 28 | 48 |
| 54/ 53 | | .1 | .1 | | | | | | | | | | | | | | | 2 2 | 13 | 42 |
| 52/ 51 | | .1 | | | | | | | | | | | | | | | | 1 1 | 5 | 25 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | 6 | 17 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 19 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 7 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 13 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 3 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 4.8 11.9 | 18.3 | 20.2 | 18.6 | 12.9 | 7.9 | 3.7 | 1.0 | .4 | | .1 | .1 | .1 | .1 | | | 898 | 898 | 898 |

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dew Point | 3963791 | 58427 | 65.1 | 13.452 | 898 | | | | | | | |
| Dry Bulb | 4899191 | 66173 | 73.5 | 6.130 | 900 | | | 77.6 | 54.0 | 15.7 | | 90 |
| Wet Bulb | 3855003 | 58695 | 65.4 | 4.552 | 899 | | | 43.7 | .9 | | | 90 |
| [illegible] | 7318793 | 54339 | 60.5 | 5.948 | 899 | | .1 | 9.5 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

7-2665 DYESS AFB TX 73-82 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 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 |
| 101 | 81 | | | | | | .1 | .1 | .2 | | | | | | | | | 6 | 6 | | | |
| 99 | 79 | | .1 | .1 | .2 | .2 | .4 | 1.1 | .3 | .2 | | | | | | | | 36 | 38 | | | |
| 97 | 77 | | .3 | 1.6 | 1.9 | 3.9 | 1.3 | .3 | .2 | | | | | | | | | 86 | 86 | | | |
| 95 | 75 | | 2.1 | 3.8 | 8.1 | 1.9 | .4 | .3 | .1 | | | | | | | | | 150 | 150 | 1 | | |
| 93 | 73 | .3 | 2.6 | 5.1 | 4.3 | .2 | | .1 | | | | | | | | | | 120 | 120 | 9 | 2 | |
| 91 | 71 | .1 | 2.3 | 5.6 | 2.4 | 1.3 | .2 | | .1 | | | | | | | | | 109 | 109 | 57 | 8 | |
| 89 | 69 | .8 | 6.3 | 3.1 | 1.7 | .6 | .3 | | .1 | | | | | | | | | 112 | 112 | 111 | 35 | |
| 87 | 67 | .9 | 2.8 | 2.9 | 1.6 | .6 | .1 | .1 | | | | | | | | | | 80 | 80 | 200 | 78 | |
| 85 | 65 | .2 | 1.2 | 2.8 | 1.7 | 1.1 | .5 | | | | | | | | | | | 67 | 67 | 167 | 127 | |
| 83 | 63 | .1 | 2.3 | 1.7 | .6 | .3 | .4 | .1 | | | | | | | | | | 50 | 51 | 106 | 166 | |
| 81 | 61 | | 1.7 | .4 | 1.0 | .4 | | | | | | | | | | | | 32 | 32 | 95 | 125 | |
| 79 | 59 | | .3 | .2 | .8 | .2 | | | | | | | | | | | | 14 | 14 | 60 | 104 | |
| 77 | 57 | | .9 | .3 | .3 | .1 | | | | | | | | | | | | 15 | 15 | 23 | 78 | |
| 75 | 55 | | .6 | .1 | .2 | | | | | | | | | | | | | 8 | 8 | 70 | 45 | |
| 73 | 53 | | | .4 | .3 | | | | | | | | | | | | | 7 | 7 | 19 | 32 | |
| 71 | 51 | | | .2 | .1 | | | | | | | | | | | | | 3 | 3 | 6 | 26 | |
| 69 | 49 | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 10 | 17 | |
| 67 | 47 | | | | | | | | | | | | | | | | | | | 4 | 16 | |
| 65 | 45 | | | | | | | | | | | | | | | | | | | 1 | 8 | |
| 63 | 43 | | | | | | | | | | | | | | | | | | | | 6 | |
| 61 | 41 | | | | | | | | | | | | | | | | | | | | 4 | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | .8 | 5.7 | 22.4 | 27.1 | 17.2 | 10.2 | 3.4 | 2.3 | 1.1 | .2 | | | | | | | | 899 | 900 | 899 | | 899 |

Mean No. of Hours with Temperature

| | | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 73-82 JUN
STATION STATION NAME YEARS 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 |
| 86/ 85 | | | | | | .1 | .1 | .1 | | .1 | | | | | | | | | 4 | 4 | | |
| 84/ 83 | | | | | .1 | .1 | .3 | .1 | .1 | | | | | | | | | | 7 | 7 | | |
| 82/ 81 | | | | .2 | .3 | .9 | .4 | | .2 | | | | | | | | | | 19 | 19 | | |
| 80/ 79 | | | .2 | .9 | 2.2 | 2.3 | .7 | .4 | | | | | | | | | | | 61 | 61 | | |
| 78/ 77 | | | .2 | 2.7 | 4.3 | 2.4 | | .3 | | | | | | | | | | | 90 | 90 | 1 | |
| 76/ 75 | | .1 | 1.7 | 7.7 | 5.8 | 1.0 | .9 | .1 | | | | | | | | | | | 154 | 154 | 7 | |
| 74/ 73 | | .1 | 2.6 | 6.9 | 3.6 | 1.3 | .4 | .4 | | | | | | | | | | | 138 | 138 | 26 | 6 |
| 72/ 71 | | .7 | 4.1 | 4.3 | 1.8 | 1.4 | .3 | | | | | | | | | | | | 114 | 114 | 104 | 18 |
| 70/ 69 | | .6 | 5.6 | 2.8 | 1.7 | .9 | .4 | .1 | | | | | | | | | | | 107 | 107 | 170 | 66 |
| 68/ 67 | | .7 | 2.8 | 1.6 | 1.1 | .4 | .1 | .1 | | | | | | | | | | | 61 | 61 | 195 | 131 |
| 66/ 65 | .1 | 1.2 | 2.8 | .9 | .7 | | .1 | | | | | | | | | | | | 52 | 52 | 122 | 178 |
| 64/ 63 | .6 | 1.2 | 1.2 | .4 | .3 | .3 | .1 | | | | | | | | | | | | 38 | 38 | 99 | 152 |
| 62/ 61 | | .9 | .3 | .3 | .3 | .1 | | | | | | | | | | | | | 18 | 18 | 74 | 92 |
| 60/ 59 | | .4 | .8 | .3 | .1 | | | | | | | | | | | | | | 15 | 15 | 42 | 81 |
| 58/ 57 | | .9 | .7 | | .1 | | | | | | | | | | | | | | 15 | 15 | 25 | 58 |
| 56/ 55 | | .1 | | | .1 | | | | | | | | | | | | | | 2 | 2 | 23 | 38 |
| 54/ 53 | | | .3 | .1 | | | | | | | | | | | | | | | 3 | 3 | 15 | 29 |
| 52/ 51 | | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 1 | 15 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 2 | 15 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 4 | 8 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 7 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .7 | 6.9 | 23.2 | 29.2 | 22.6 | 11.3 | 3.3 | 1.8 | .3 | .1 | | | | | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | | |

| 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. | 489731 | 65645 | 72.9 | 10.738 | 900 | | | | | | | |
| Dry Bulb | 4699152 | 64836 | 72.0 | 5.617 | 900 | | | 75.5 | 47.3 | 5.0 | | 90 |
| Wet Bulb | 3946400 | 59442 | 66.0 | 4.770 | 900 | | | 49.3 | 3.4 | | | 90 |
| Dew Point | 3560413 | 56391 | 62.7 | 5.495 | 900 | | | 22.1 | .6 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 | DYESS AFB TX | 73-82 | JUN

STATION | STATION NAME | YEARS | 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 |
| 100/ 99 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | | |
| 96/ 95 | | | | | | | | | | | | .2 | .1 | | | | | 3 | 3 | | | |
| 94/ 93 | | | | | | | | | | .1 | .2 | | .2 | .1 | | | | 6 | 6 | | | |
| 92/ 91 | | | | | | | | | .3 | .2 | .9 | .1 | | | | | | 14 | 14 | | | |
| 90/ 89 | | | | | | | | 1.4 | 2.0 | 1.0 | .7 | .1 | | | | | | 47 | 47 | | | |
| 88/ 87 | | | | | | .2 | .3 | 1.4 | 3.1 | 1.0 | .3 | .1 | | | | | | 64 | 64 | | | |
| 86/ 85 | | | | | | 1.3 | 3.4 | 4.3 | 1.8 | .6 | .7 | .2 | .1 | | | | | 112 | 112 | | | |
| 84/ 83 | | | | .1 | .7 | 2.8 | 6.0 | 3.1 | .9 | .2 | .3 | .1 | | | | | | 127 | 127 | | | |
| 82/ 81 | | | | .2 | 1.4 | 3.9 | 5.1 | 1.3 | .8 | .3 | .2 | .2 | | | | | | 122 | 122 | | | |
| 80/ 79 | | | | .3 | 3.7 | 4.7 | 1.8 | 1.1 | .4 | .4 | .6 | | | | | | | 117 | 117 | | | |
| 78/ 77 | | | | 1.1 | 2.2 | 2.3 | 1.8 | .9 | .9 | | | | | | | | | 83 | 83 | 7 | | |
| 76/ 75 | | | .2 | 1.0 | 3.0 | 1.3 | 1.4 | .2 | .3 | .2 | | | | | | | | 70 | 70 | 58 | 1 | |
| 74/ 73 | | | .7 | 1.3 | 1.8 | .9 | .1 | .3 | .4 | | | | | | | | | 50 | 50 | 115 | 10 | |
| 72/ 71 | | .2 | .7 | 1.1 | .3 | .6 | .2 | .1 | .2 | | | | | | | | | 31 | 31 | 269 | 27 | |
| 70/ 69 | | .1 | 1.0 | .6 | .3 | .1 | .1 | | .1 | | | | | | | | | 21 | 21 | 144 | 87 | |
| 68/ 67 | | .2 | .6 | | .4 | | .2 | | | | | | | | | | | 13 | 13 | 114 | 161 | |
| 66/ 65 | | .2 | .1 | .2 | .1 | .1 | | | | | | | | | | | | 7 | 7 | 75 | 202 | |
| 64/ 63 | | .2 | .1 | .1 | .1 | | | | | | | | | | | | | 5 | 5 | 52 | 136 | |
| 62/ 61 | | .3 | .1 | .1 | .1 | | | | | | | | | | | | | 6 | 6 | 30 | 68 | |
| 60/ 59 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 19 | 64 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 11 | 44 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 5 | 33 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 1 | 16 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 15 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 12 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 11 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 9 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 4 | |
| TOTAL | | 1.3 | 3.6 | 6.2 | 14.2 | 18.2 | 21.7 | 14.3 | 11.3 | 4.1 | 3.0 | 1.1 | .4 | .1 | .1 | | | 900 | 900 | 900 | | 900 |

| 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. | 3064926 | 51384 | 57.1 | 12.083 | 900 | | | | | | | |
| Dry Bulb | 5893710 | 72630 | 80.7 | 6.210 | 900 | | | 88.1 | 81.6 | 56.8 | 1.0 | 90 |
| Wet Bulb | 4355565 | 62497 | 69.4 | 4.179 | 900 | | | 70.7 | 18.0 | | | 90 |
| Dew Point | 3661105 | 57187 | 63.5 | 5.519 | 900 | | | 28.6 | 1.1 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

 1200-1400 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 110/109 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 108/107 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 106/105 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 104/103 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 102/101 | | | | | | | | | | | | | | | .2 | .1 | .3 | 6 | 6 | | |
| 100/ 99 | | | | | | | | | | | | | .2 | .8 | .1 | .2 | .3 | 15 | 15 | | |
| 98/ 97 | | | | | | | | | | | .3 | .6 | 1.1 | .4 | .3 | .1 | | 26 | 26 | | |
| 96/ 95 | | | | | | | | | | .2 | 1.1 | 1.4 | 1.2 | .7 | .2 | .1 | | 45 | 45 | | |
| 94/ 93 | | | | | | | | .1 | .7 | 2.0 | 3.2 | 2.0 | 1.3 | .8 | .2 | | | 93 | 93 | | |
| 92/ 91 | | | | | | | .1 | .4 | 2.1 | 4.4 | 4.7 | 1.8 | .9 | .2 | .2 | | | 134 | 134 | | |
| 90/ 89 | | | | | | | .3 | .9 | 3.8 | 5.3 | 1.8 | 1.0 | .4 | .2 | .1 | | | 124 | 124 | | |
| 88/ 87 | | | | | | | .1 | 3.4 | 4.1 | 2.1 | .8 | .4 | .4 | | .1 | | | 104 | 104 | | |
| 86/ 85 | | | | | | .1 | 1.6 | 2.7 | 2.3 | .2 | .9 | .9 | .2 | .1 | | | | 81 | 81 | | |
| 84/ 83 | | | | | | .9 | 1.2 | 2.1 | 1.2 | 1.1 | .3 | .3 | .4 | | | | | 69 | 69 | | |
| 82/ 81 | | | | | .4 | .7 | 2.2 | 1.1 | 1.1 | .7 | .3 | .4 | | | | | | 63 | 63 | | |
| 80/ 79 | | | | | .3 | 1.3 | .7 | 1.7 | .2 | .4 | .1 | | | | | | | 37 | 37 | 3 | |
| 78/ 77 | | | | | .3 | 1.9 | .6 | .1 | .2 | .3 | .1 | | | | | | | 32 | 32 | 23 | |
| 76/ 75 | | | | .4 | .9 | .3 | .4 | .3 | .1 | .1 | | | | | | | | 24 | 24 | 89 | 1 |
| 74/ 73 | | | .2 | .2 | .2 | .4 | .2 | .1 | .2 | | | | | | | | | 15 | 15 | 208 | 5 |
| 72/ 71 | | | .2 | .3 | .1 | | | .1 | | | | | | | | | | 7 | 7 | 222 | 15 |
| 70/ 69 | | .1 | .2 | | | .3 | .2 | | | | | | | | | | | 8 | 8 | 130 | 62 |
| 68/ 67 | | | .4 | | .1 | .1 | | | | | | | | | | | | 6 | 6 | 84 | 102 |
| 66/ 65 | | | .2 | | | .1 | | | | | | | | | | | | 3 | 3 | 52 | 177 |
| 64/ 63 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 41 | 158 |
| 62/ 61 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 26 | 108 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 14 | 65 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 8 | 54 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 33 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 39 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 28 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 16 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 12 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 12 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 8 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUN (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .2 | 1.6 | 1.1 | 2.4 | 6.2 | 7.7 | 12.3 | 16.1 | 17.0 | 13.7 | 8.9 | 6.3 | 3.2 | 1.6 | .7 | 1.0 | 900 | 900 | 900 | 900 |

| 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. | 1891978 | 39780 | 44.2 | 12.195 | 900 | | | | | | | |
| Dry Bulb | 6904675 | 78589 | 87.3 | 6.851 | 900 | | | 89.3 | 87.2 | 78.4 | 18.9 | 90 |
| Wet Bulb | 4496449 | 63509 | 70.6 | 4.071 | 900 | | | 75.9 | 32.3 | | | 90 |
| Dew Point | 3487980 | 55758 | 62.0 | 6.112 | 900 | | | 18.5 | .6 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108/107 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 106/105 | | | | | | | | | | | | | | | | | .4 | 4 | 4 | | |
| 104/103 | | | | | | | | | | | | | | | | .2 | .3 | 5 | 5 | | |
| 102/101 | | | | | | | | | | | | | | .1 | .3 | .6 | .9 | 17 | 17 | | |
| 100/ 99 | | | | | | | | | | | | .3 | .3 | 1.2 | 1.2 | .4 | | 32 | 32 | | |
| 98/ 97 | | | | | | | | | | | .4 | 2.0 | 1.1 | 2.1 | .8 | 1.0 | .1 | 68 | 68 | | |
| 96/ 95 | | | | | | | | | .1 | .7 | 1.1 | 2.0 | 3.0 | 3.2 | 1.0 | .4 | .1 | 105 | 105 | | |
| 94/ 93 | | | | | | | | .1 | .4 | .9 | 3.6 | 5.1 | 2.4 | .3 | .4 | .3 | | 123 | 123 | | |
| 92/ 91 | | | | | | | | .1 | .9 | 3.2 | 5.3 | 2.9 | .6 | 1.4 | .3 | | | 133 | 133 | | |
| 90/ 89 | | | | | | | | .3 | 1.0 | 3.4 | 2.8 | .8 | .2 | .2 | .7 | | | 84 | 84 | | |
| 88/ 87 | | | | | | | .1 | 1.3 | 2.1 | 1.7 | .8 | .4 | .6 | .7 | | | | 69 | 69 | | |
| 86/ 85 | | | | | | .1 | .6 | .7 | 1.9 | .7 | 1.1 | .7 | .6 | | | | | 56 | 56 | | |
| 84/ 83 | | | | | | .2 | .9 | 1.3 | .7 | .8 | 1.4 | .4 | .3 | | | | | 55 | 55 | | |
| 82/ 81 | | | | | .3 | .4 | .8 | .9 | .3 | .2 | .3 | | | | | | | 29 | 29 | | |
| 80/ 79 | | | | | | .9 | .4 | .9 | .4 | .4 | .2 | | | | | | | 29 | 29 | 5 | |
| 78/ 77 | | | .1 | .1 | .6 | .8 | .6 | .1 | .3 | .4 | | | | | | | | 26 | 26 | 23 | |
| 76/ 75 | | | | .4 | 1.2 | .7 | .3 | | .2 | .1 | | | | | | | | 27 | 27 | 69 | 1 |
| 74/ 73 | | | .1 | .2 | .4 | | .1 | .1 | | | | | | | | | | 9 | 9 | 165 | 4 |
| 72/ 71 | | .1 | .1 | .6 | .1 | .2 | | .1 | | | | | | | | | | 11 | 11 | 240 | 8 |
| 70/ 69 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | 148 | 36 |
| 68/ 67 | | .3 | .1 | .3 | | | | | | | | | | | | | | 7 | 7 | 83 | 62 |
| 66/ 65 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 74 | 117 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 49 | 131 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 31 | 142 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 9 | 122 |
| 58/ 57 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 1 | 69 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 3 | 44 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 28 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 41 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 34 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 27 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 8 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 11 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 10 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | |
| 36/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | .9 | .8 | 1.9 | 2.7 | 3.3 | 3.8 | 5.1 | 8.3 | 12.6 | 17.1 | 14.7 | 9.1 | 9.3 | 4.8 | 3.0 | 2.1 | 900 | 900 | 900 | 900 |

| 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. | 1551822 | 35286 | 39.2 | 13.685 | 900 | | | | | | | |
| Dry Bulb | 7261223 | 80555 | 89.5 | 7.540 | 900 | | | 89.4 | 87.3 | 79.6 | 35.6 | 90 |
| Wet Bulb | 4452133 | 63199 | 70.2 | 3.978 | 900 | | | 73.3 | 26.2 | .1 | | 90 |
| Dew Point | 3281211 | 54025 | 60.0 | 6.519 | 900 | | | 11.1 | .5 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72265 STATION | DYESS AFB TX STATION NAME | 73-82 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 |
| 104/ 103 | | | | | | | | | | | | | | | | | .1 | 1 | | 1 | | | |
| 102/ 101 | | | | | | | | | | | | | | | | .1 | .1 | 2 | | 2 | | | |
| 100/ 99 | | | | | | | | | | | | | | | .2 | .2 | .2 | 6 | | 6 | | | |
| 98/ 97 | | | | | | | | | | | .1 | .1 | .2 | 1.0 | .6 | .4 | .2 | 24 | | 24 | | | |
| 96/ 95 | | | | | | | | | | | | .8 | .9 | .7 | .4 | .2 | | 27 | | 27 | | | |
| 94/ 93 | | | | | | | | | | .6 | .4 | 2.0 | 2.3 | 1.0 | .3 | .2 | | 62 | | 62 | | | |
| 92/ 91 | | | | | | | | | .6 | 1.9 | 2.6 | 1.8 | 1.3 | .7 | .4 | | | 83 | | 83 | | | |
| 90/ 89 | | | | | | | | .4 | 1.8 | 1.6 | 5.0 | 2.1 | 1.0 | .3 | .3 | .1 | | 114 | | 114 | | | |
| 88/ 87 | | | | | | | .3 | 1.3 | 2.1 | 4.3 | 7.2 | .9 | .4 | .3 | | | | 107 | | 107 | | | |
| 86/ 85 | | | | | | .1 | 1.3 | 1.9 | 4.2 | 2.3 | .7 | .7 | .2 | .2 | | | | 105 | | 105 | | | |
| 84/ 83 | | | | | .1 | .1 | .9 | 2.4 | 1.4 | 1.2 | 1.1 | .3 | .6 | | | | | 74 | | 74 | | | |
| 82/ 81 | | | | | .1 | .8 | 1.9 | 2.1 | 1.1 | 1.1 | .2 | .4 | .1 | | | | | 71 | | 71 | | | |
| 80/ 79 | | | | | .7 | 1.1 | 1.7 | .6 | .8 | .8 | .3 | .1 | | | | | | 54 | | 54 | | | |
| 78/ 77 | | | | .1 | .4 | 1.0 | 1.4 | .9 | .7 | .2 | .6 | | | | | | | 48 | | 48 | 2 | | |
| 76/ 75 | | | .2 | .3 | 1.8 | .7 | .7 | .4 | .3 | .3 | | | | | | | | 43 | | 43 | 31 | | |
| 74/ 73 | | | .6 | .2 | 1.2 | .3 | .1 | .1 | .1 | | | | | | | | | 26 | | 26 | 76 | | |
| 72/ 71 | | | .4 | .7 | .7 | .2 | | .2 | | | | | | | | | | 20 | | 20 | 178 | 4 | |
| 70/ 69 | | | .6 | .6 | .1 | .1 | .2 | | | | | | | | | | | 14 | | 14 | 232 | 30 | |
| 68/ 67 | | .4 | .3 | .2 | | | .1 | | | | | | | | | | | 10 | | 10 | 142 | 55 | |
| 66/ 65 | .2 | .2 | | | | | | | | | | | | | | | | 3 | | 3 | 101 | 94 | |
| 64/ 63 | | | .3 | | | | | | | | | | | | | | | 3 | | 3 | 66 | 117 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 35 | 146 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 23 | 130 | |
| 58/ 57 | | .3 | | | | | | | | | | | | | | | | 3 | | 3 | 10 | 84 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 4 | 65 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 40 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 44 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 34 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 14 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 10 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 11 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 2 | |
| 38/ 35 | | | | | | | | | | | | | | | | | | | | | | 3 | |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | JUN MONTH

 1800-2000 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| TOTAL | .1 | 1.0 | 2.4 | 2.1 | 5.1 | 4.4 | 8.6 | 10.4 | 13.3 | 14.3 | 13.2 | 9.2 | 7.1 | 4.2 | 2.3 | 1.3 | .7 | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1949393 | 39673 | 44.1 | 14.936 | 900 | | | | | | | |
| Dry Bulb | 6559563 | 76557 | 85.1 | 7.259 | 900 | | | 89.1 | 84.7 | 71.1 | 12.2 | 90 |
| Wet Bulb | 4236684 | 61652 | 68.5 | 3.859 | 900 | | | 66.1 | 10.9 | | | 90 |
| Dew Point | 3204442 | 53396 | 59.3 | 6.373 | 900 | | | 8.9 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | JUN MONTH

 2100-2300

| 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. | TOTAL W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92/ 91 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | | | .1 | .1 | .2 | .2 | .1 | | .1 | | 8 | 8 | | |
| 88/ 87 | | | | | | | | .7 | .3 | 1.1 | .6 | .4 | | | | .2 | | 26 | 26 | | |
| 86/ 85 | | | | | | .1 | .4 | 1.6 | 1.9 | 1.6 | .9 | .3 | | .1 | | | | 62 | 62 | | |
| 84/ 83 | | | | | .3 | .4 | 1.6 | 2.9 | 2.9 | 1.7 | .6 | .1 | | | .1 | | | 92 | 92 | | |
| 82/ 81 | | | | | .9 | 2.0 | 3.8 | 5.7 | 1.8 | .7 | .2 | .1 | | | | | | 129 | 129 | | |
| 80/ 79 | | | | .4 | 1.1 | 3.3 | 5.9 | 2.7 | 1.7 | .4 | .1 | .3 | | | | | | 131 | 131 | | |
| 78/ 77 | | | | .4 | 1.3 | 4.4 | 1.6 | .4 | .3 | .2 | .1 | .1 | | | | | | 81 | 81 | | |
| 76/ 75 | | | .1 | 1.1 | 3.3 | 1.4 | 1.6 | 1.3 | .2 | .3 | .2 | | | | | | | 87 | 87 | 4 | |
| 74/ 73 | | .1 | .6 | 1.8 | 2.1 | 1.7 | 1.2 | 1.1 | .4 | .4 | | | | | | | | 85 | 85 | 24 | |
| 72/ 71 | .2 | .2 | .8 | 1.1 | .7 | 1.6 | .3 | .3 | .6 | .1 | | | | | | | | 51 | 51 | 96 | 11 |
| 70/ 69 | | .2 | 2.3 | 1.2 | .8 | .8 | .7 | .4 | | | | | | | | | | 58 | 58 | 184 | 19 |
| 68/ 67 | | .7 | 2.4 | .6 | .3 | .6 | .3 | | | | | | | | | | | 44 | 44 | 219 | 58 |
| 66/ 65 | .1 | .2 | .9 | .2 | .3 | .1 | .4 | | | | | | | | | | | 21 | 21 | 116 | 103 |
| 64/ 63 | | .2 | .2 | | .1 | .1 | | | | | | | | | | | | 6 | 6 | 102 | 162 |
| 62/ 61 | | .1 | .6 | .1 | .1 | | | | | | | | | | | | | 8 | 8 | 51 | 154 |
| 60/ 59 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 4 | 40 | 112 |
| 58/ 57 | | .4 | .2 | | | | | | | | | | | | | | | 6 | 6 | 35 | 72 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 20 | 62 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 6 | 45 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 30 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 23 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 10 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 11 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 10 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 10 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 38/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .3 | 2.2 | 8.2 | 7.2 | 11.2 | 16.6 | 17.7 | 15.0 | 9.3 | 6.7 | 2.8 | 1.8 | .2 | .2 | .1 | .3 | | 900 | | | 899 |
| | | | | | | | | | | | | | | | | | | 899 | | 899 | |

| 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. | 3113689 | 51211 | 57.0 | 14.792 | 899 | | | | | | | |
| Dry Bulb | 5416662 | 69594 | 77.3 | 6.256 | 900 | | | 85.5 | 70.2 | 38.8 | | 90 |
| Wet Bulb | 3977566 | 59678 | 66.4 | 4.219 | 899 | | | 52.8 | 2.8 | | | 90 |
| Dew Point | 3270571 | 53937 | 60.0 | 6.201 | 899 | | .3 | 8.8 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 | UYESS AFB TX | 73-82 | JUN

STATION | STATION NAME | YEARS | MONTH

 ALL HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 110/ 109 | | | | | | | | | | | | | | | | | .0 | 1 | 1 | | | |
| 108/ 107 | | | | | | | | | | | | | | | | | .0 | 2 | 3 | | | |
| 106/ 105 | | | | | | | | | | | | | | | | .0 | .1 | 5 | 5 | | | |
| 104/ 103 | | | | | | | | | | | | | | | | .0 | .1 | 7 | 7 | | | |
| 102/ 101 | | | | | | | | | | | | | | .0 | .1 | .1 | .2 | 25 | 25 | | | |
| 100/ 99 | | | | | | | | | | | | .0 | .1 | .3 | .2 | .1 | .1 | 54 | 54 | | | |
| 98/ 97 | | | | | | | | | | | .1 | .3 | .3 | .4 | .2 | .2 | .0 | 118 | 118 | | | |
| 96/ 95 | | | | | | | | | .0 | .1 | .3 | .6 | .7 | .6 | .2 | .1 | .0 | 180 | 180 | | | |
| 94/ 93 | | | | | | | | .0 | .1 | .4 | .9 | 1.1 | .8 | .3 | .1 | .1 | | 284 | 284 | | | |
| 92/ 91 | | | | | | | .1 | .1 | .5 | 1.2 | 1.7 | .8 | .3 | .3 | .1 | | | 365 | 365 | | | |
| 90/ 89 | | | | | | | .0 | .4 | 1.1 | 1.4 | 1.3 | .5 | .2 | .1 | .1 | .0 | | 377 | 377 | | | |
| 88/ 87 | | | | | | .0 | .2 | 1.3 | 1.5 | 1.3 | .6 | .3 | .2 | .1 | .0 | .0 | | 371 | 371 | | | |
| 86/ 85 | | | | | | .2 | .9 | 1.4 | 1.5 | .7 | .5 | .3 | .1 | .1 | | | | 421 | 421 | | | |
| 84/ 83 | | | | .0 | .1 | .6 | 1.4 | 1.6 | 1.7 | .7 | .5 | .2 | .2 | | .0 | | | 453 | 453 | | | |
| 82/ 81 | | | | .1 | .4 | 1.2 | 2.1 | 1.6 | .9 | .4 | .2 | .2 | .0 | .0 | | | | 507 | 507 | | | |
| 80/ 79 | | | .0 | .3 | 1.4 | 2.2 | 2.0 | 1.1 | .4 | .4 | .2 | .1 | | | | | | 580 | 580 | 6 | | |
| 78/ 77 | | | .1 | 1.0 | 1.8 | 2.9 | 1.1 | .5 | .3 | .2 | .1 | .0 | | | | | | 578 | 578 | 56 | | |
| 76/ 75 | | .0 | .6 | 2.1 | 3.6 | 1.2 | .9 | .4 | .2 | .1 | .0 | | | | | | | 658 | 658 | 259 | 3 | |
| 74/ 73 | | .1 | 1.0 | 2.4 | 2.1 | .9 | .4 | .1 | .2 | .1 | | | | | | | | 536 | 536 | 672 | 27 | |
| 72/ 71 | .0 | .2 | 1.2 | 2.2 | 1.0 | .8 | .2 | .1 | .2 | .0 | | | | | | | | 426 | 426 | 1235 | 97 | |
| 70/ 69 | .0 | .3 | 2.3 | 1.2 | .8 | .5 | .3 | .1 | .1 | | | | | | | | | 397 | 397 | 1275 | 364 | |
| 68/ 67 | | .5 | 1.5 | 1.0 | .5 | .3 | .2 | .1 | | | | | | | | | | 300 | 300 | 1229 | 707 | |
| 66/ 65 | .1 | .5 | 1.1 | .5 | .3 | .2 | .1 | | | | | | | | | | | 203 | 203 | 859 | 1116 | |
| 64/ 63 | .1 | .7 | .6 | .3 | .2 | .1 | .0 | | | | | | | | | | | 141 | 144 | 618 | 1207 | |
| 62/ 61 | | .4 | .2 | .3 | .2 | .0 | | | | | | | | | | | | 79 | 79 | 425 | 996 | |
| 60/ 59 | | .1 | .2 | .2 | .1 | | | | | | | | | | | | | 46 | 47 | 247 | 790 | |
| 58/ 57 | | .4 | .2 | .1 | .0 | | | | | | | | | | | | | 45 | 45 | 147 | 530 | |
| 56/ 55 | | .1 | .1 | .1 | .0 | | | | | | | | | | | | | 16 | 16 | 113 | 368 | |
| 54/ 53 | | | .1 | .1 | | | | | | | | | | | | | | 12 | 12 | 54 | 269 | |
| 52/ 51 | | | .1 | .0 | | | | | | | | | | | | | | 6 | 6 | 12 | 224 | |
| 50/ 49 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | 18 | 168 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 6 | 117 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 1 | 72 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 66 | |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 — STATION
DYESS AFB TX — STATION NAME
73-82 — YEARS
JUN — MONTH
PAGE 2 — ALL

| 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. Dry B. | TOTAL Wet B. = Dew Po. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42/ 41 | | | | | | | | | | | | | | | | | | | 48 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | 9 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | 3 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | 8 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | 7 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .2 | 3.3 | 9.3 | 11.6 | 12.7 | 11.3 | 9.9 | 8.7 | 7.9 | 7.0 | 6.4 | 4.5 | 2.9 | 2.2 | 1.1 | .7 | .5 | 7200 | 7196 |
| | | | | | | | | | | | | | | | | | | 7196 | 7196 |

| 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. | 25246752 | 406412 | 56.5 | 17.362 | 7196 | | | | | | | |
| Dry Bulb | 41167592 | 572596 | 79.5 | 9.359 | 7200 | | | 664.6 | 552.3 | 347.1 | 67.7 | 720 |
| Wet Bulb | 33102534 | 486824 | 67.7 | 4.931 | 7196 | | | 469.7 | 95.6 | 1. | | 720 |
| Dew Point | 27168860 | 439956 | 61.1 | 6.130 | 7196 | | .4 | 119.9 | 3.2 | | | 720 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72265 DYESS AFB TX 73-80 JUL
STATION STATION NAME YEARS MONTH

PAGE 1

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL OBS | 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 | >30 | | | | | | | | | | | |
| 96/ 91 | | | | | | | | | | | | .1 | | | | | | | | | | | | | | 1 | 1 | |
| 92/ 89 | | | | | | | | | | | .1 | .1 | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | .6 | .5 | .1 | | | | | | | | | | | | | | 15 | 15 | |
| 84/ 85 | | | | | | | | .9 | .9 | 1.2 | 1.1 | .1 | | | | | | | | | | | | | | 34 | 34 | |
| 80/ 83 | | | | | | | .5 | 4.3 | 2.9 | 1.4 | .3 | | | | | | | | | | | | | | | 81 | 81 | |
| 76/ 81 | | | | | .7 | .5 | 4.6 | 4.7 | 3.5 | .5 | .5 | .1 | | | | | | | | | | | | | | 140 | 140 | |
| 72/ 79 | | | | .2 | 1.1 | 5.5 | 7.3 | 2.9 | .9 | .5 | | | | | | | | | | | | | | | | 170 | 170 | |
| 68/ 77 | | | | .6 | 2.8 | 5.9 | 3.3 | 1.3 | .9 | .1 | | | | | | | | | | | | | | | | 143 | 143 | |
| 64/ 75 | | .4 | .2 | 1.8 | 4.3 | 2.2 | 1.6 | .4 | | | | | | | | | | | | | | | | | | 102 | 102 | |
| 60/ 73 | | .1 | 1.3 | 3.4 | 1.8 | 1.6 | .1 | .1 | | | | | | | | | | | | | | | | | | 79 | 79 | 8 | 7 |
| 56/ 71 | 1.0 | 4.1 | 3.1 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | 49 | 50 | 44 | 7 |
| 52/ 69 | 1.2 | 4.2 | .9 | .5 | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | 45 | 14 |
| 48/ 67 | .8 | .8 | .1 | | .2 | | | | | | | | | | | | | | | | | | | | | 17 | 17 | 33 | 22 |
| 44/ 65 | | .3 | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 17 | 17 |
| 40/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 10 |
| 36/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 13 |
| 32/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 14 |
| 28/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 7 |
| 24/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| 20/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 12/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.0 | 13.9 | 10.2 | 11.3 | 16.3 | 18.3 | 14.4 | 5.7 | 4.4 | 3.5 | .9 | .2 | | | | | | | | | | | | | | 970 | 970 | 170 | 170 |

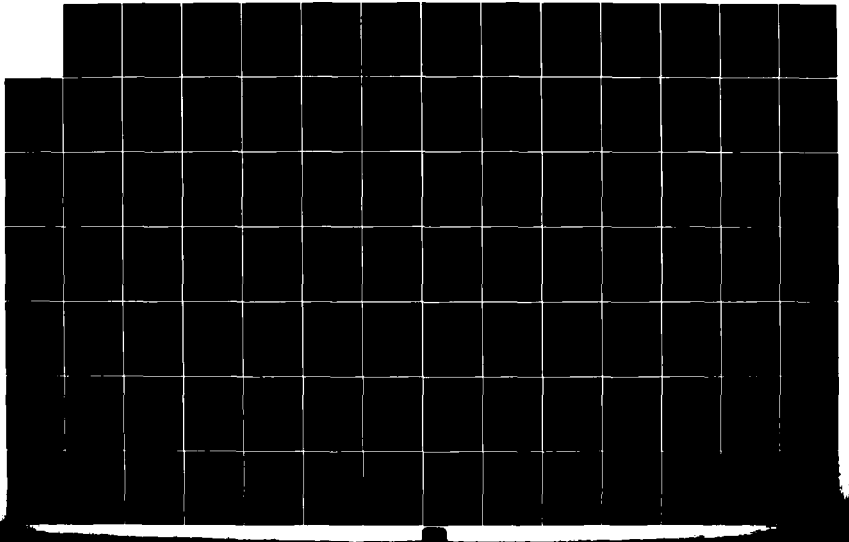
| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No Obs | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F |
| Rel. Hum. | 3577599 | 56113 | 67.7 | 14.909 | 970 | | | | | | |
| Dry Bulb | 5623864 | 72188 | 77.6 | 4.700 | 930 | | | 99.7 | 76.7 | 34.8 | |
| Wet Bulb | 4252279 | 62839 | 67.5 | 2.725 | 930 | | | 66.8 | .8 | | |
| Dew Point | 3590359 | 57659 | 62.0 | 4.158 | 930 | | | 11.5 | .3 | | |

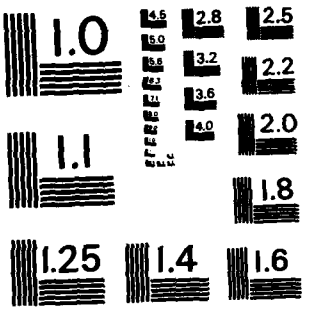
USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A137 575 DYESS AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 21 SEP 83

5/6

UNCLASSIFIED USAFETAC/DS-83/045 SBI-AD-E850 488 F/G 4/2 NL






MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B.-W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | | | | | | | | .3 | .1 | | | | | | | 4 | 4 | | |
| 84/ 83 | | | | | | | | .5 | 1.0 | .5 | | | | | | | | 21 | 21 | | |
| 82/ 81 | | | | | | .1 | 1.6 | 2.4 | 1.2 | .3 | | | | | | | | 52 | 52 | | |
| 80/ 79 | | | | .2 | .3 | 3.5 | 3.4 | 2.5 | .6 | .4 | .2 | | | | | | | 109 | 109 | | |
| 78/ 77 | | | .1 | 1.2 | 4.1 | 8.4 | 3.4 | 1.6 | .5 | | | | | | | | | 180 | 180 | | |
| 76/ 75 | | | .6 | 3.1 | 7.3 | 3.1 | 1.1 | .3 | | | | | | | | | | 151 | 151 | | |
| 74/ 73 | | .4 | 2.5 | 5.5 | 4.3 | 1.9 | .2 | .1 | | | | | | | | | | 139 | 139 | 4 | |
| 72/ 71 | | 1.0 | 4.6 | 4.3 | 1.5 | .4 | | | | | | | | | | | | 110 | 110 | 49 | 5 |
| 70/ 69 | | 2.2 | 6.3 | 1.4 | .6 | .1 | | | | | | | | | | | | 100 | 100 | 212 | 32 |
| 68/ 67 | | 1.5 | 2.6 | 1.0 | .1 | .1 | | | | | | | | | | | | 49 | 49 | 341 | 90 |
| 66/ 65 | | .4 | .6 | | .1 | | | | | | | | | | | | | 11 | 11 | 191 | 215 |
| 64/ 63 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 104 | 197 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 24 | 161 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 4 | 120 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 | 56 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 30 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 9 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 10 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | 5.9 | 17.4 | 16.7 | 18.5 | 17.7 | 10.4 | 8.0 | 3.4 | 1.6 | .3 | | | | | | | 930 | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 4383287 | 62561 | 67.3 | 13.718 | 930 | | | | | | | |
| Dry Bulb | 5237466 | 69682 | 74.9 | 4.203 | 930 | | | 91.5 | 65.6 | 13.1 | | 93 |
| Wet Bulb | 4197101 | 62439 | 67.1 | 2.326 | 930 | | | 60.6 | .4 | | | 93 |
| Dew Point | 3683211 | 58421 | 62.8 | 3.784 | 930 | | | 12.7 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS . 'B TX STATION NAME | 73-82 YEARS | JUL 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 |
| 92/ 91 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | | | .1 | | .1 | | | | | | 2 | 2 | | |
| 88/ 87 | | | | | | | | | .1 | .2 | .1 | .1 | | | | | | 5 | 5 | | |
| 86/ 85 | | | | | | .1 | .1 | .2 | .8 | .3 | | | | | | | | 14 | 14 | | |
| 84/ 83 | | | | | .1 | .1 | 1.3 | 1.3 | 1.1 | .1 | .1 | | | | | | | 38 | 38 | | |
| 82/ 81 | | | | .1 | .8 | 1.6 | 3.4 | 1.4 | .4 | .1 | .1 | | | | | | | 74 | 74 | | |
| 80/ 79 | | | | .3 | 2.3 | 5.8 | 4.3 | 1.9 | .1 | | | | | | | | | 133 | 133 | | |
| 78/ 77 | | | .2 | 3.0 | 4.7 | 6.6 | 1.4 | .3 | | .1 | | | | | | | | 152 | 152 | | |
| 76/ 75 | | .1 | 2.2 | 6.1 | 8.1 | 2.3 | .9 | .4 | .1 | | | | | | | | | 187 | 187 | 3 | |
| 74/ 73 | | .1 | 3.3 | 5.9 | 2.8 | .6 | | .2 | | | | | | | | | | 121 | 121 | 24 | |
| 72/ 71 | | 1.3 | 4.4 | 2.7 | .5 | .3 | | | | | | | | | | | | 86 | 86 | 167 | 13 |
| 70/ 69 | | 2.6 | 4.7 | 1.0 | .8 | | .1 | | | | | | | | | | | 85 | 85 | 281 | 80 |
| 68/ 67 | | .5 | 1.1 | .3 | .2 | | | | | | | | | | | | | 20 | 20 | 275 | 182 |
| 66/ 65 | | .3 | .9 | | | | | | | | | | | | | | | 11 | 11 | 120 | 229 |
| 64/ 63 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 36 | 195 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 18 | 113 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 6 | 66 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 28 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 11 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 4 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 3 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 4 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | 5.1 | 16.8 | 19.5 | 20.2 | 17.4 | 11.5 | 5.4 | 2.6 | 1.0 | .4 | .2 | | | | | | 930 | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 4494397 | 63575 | 68.4 | 12.639 | 930 | | | | | | | |
| Dry Bulb | 5390383 | 70687 | 76.0 | 4.357 | 930 | | | 91.8 | 72.7 | 20.9 | | 93 |
| Wet Bulb | 4359543 | 63631 | 68.4 | 2.516 | 930 | | | 75.0 | 2.7 | | | 93 |
| Dew Point | 3870207 | 59901 | 64.4 | 3.594 | 930 | | | 27.5 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUL (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 | | | | | |
| 100/ 99 | | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | | | | .3 | .4 | .1 | .1 | | | 9 | 9 | | |
| 96/ 95 | | | | | | | | | | .1 | | 1.3 | .9 | .1 | .2 | | | | 24 | 24 | | |
| 94/ 93 | | | | | | | | | | .1 | 1.2 | 2.7 | .5 | .4 | | | | | 46 | 46 | | |
| 92/ 91 | | | | | | | | | .6 | 1.4 | 3.5 | .8 | .1 | .1 | | | | | 62 | 62 | | |
| 90/ 89 | | | | | | | | .5 | 3.1 | 4.6 | 1.9 | .3 | .1 | .1 | | | | | 100 | 100 | | |
| 88/ 87 | | | | | | | .5 | 5.2 | 5.6 | 3.2 | .4 | | .2 | | | | | | 140 | 140 | | |
| 86/ 85 | | | | | | 1.0 | 4.5 | 5.6 | 3.9 | .3 | .4 | | | | | | | | 146 | 146 | | |
| 84/ 83 | | | | | .1 | 3.4 | 4.5 | 4.1 | .6 | .3 | | | | | | | | | 128 | 128 | | |
| 82/ 81 | | | | .1 | 1.7 | 3.1 | 4.3 | .9 | .3 | | | | | | | | | | 102 | 102 | | |
| 80/ 79 | | | | .6 | 2.3 | 2.3 | 1.3 | .3 | | | | | | | | | | | 63 | 63 | | |
| 78/ 77 | | | .2 | 1.5 | 1.3 | 1.2 | .2 | | | | | | | | | | | | 41 | 41 | 1 | |
| 76/ 75 | | | .3 | 1.5 | 1.5 | .3 | | | | | | | | | | | | | 34 | 34 | 61 | |
| 74/ 73 | | .1 | .9 | .6 | .3 | | | | | | | | | | | | | | 18 | 18 | 251 | 1 |
| 72/ 71 | | .2 | .3 | .2 | .1 | | | | | | | | | | | | | | 8 | 8 | 348 | 31 |
| 70/ 69 | | .4 | .2 | | | | | | | | | | | | | | | | 6 | 6 | 198 | 119 |
| 68/ 67 | | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 56 | 161 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 13 | 218 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 2 | 183 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | 110 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | 52 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 13 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 8 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 8 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | .8 | 2.2 | 4.6 | 7.3 | 11.8 | 15.4 | 17.2 | 14.3 | 10.1 | 7.5 | 5.1 | 2.0 | 1.3 | .3 | .1 | | | 930 | | 930 | |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | | |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 88 F | ≥ 92 F | Total |
| Rel. Hum. | 2712825 | 48808 | 52.5 | 12.770 | 930 | | | | | | | |
| Dry Bulb | 6759364 | 79125 | 85.1 | 5.459 | 930 | | | 93.0 | 91.4 | 79.2 | 8.0 | 93 |
| Wet Bulb | 4760513 | 66537 | 71.5 | 2.109 | 930 | | | 91.8 | 31.3 | | | 93 |
| Dew Point | 3939703 | 60993 | 65.6 | 3.533 | 930 | | | 31.2 | .1 | | | 93 |

USAFETAC FORM 0-26-3 (OL A) (JUN 77) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUL (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 |
| 106/105 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 104/103 | | | | | | | | | | | | | | | | .5 | .3 | 8 | 8 | | |
| 102/101 | | | | | | | | | | | | | .1 | .2 | 1.3 | .4 | .6 | 25 | 25 | | |
| 100/ 99 | | | | | | | | | | | | .1 | .2 | 1.3 | 1.4 | .8 | .3 | 38 | 38 | | |
| 98/ 97 | | | | | | | | | | | | 1.0 | 2.2 | 3.4 | 1.5 | .6 | .2 | 83 | 83 | | |
| 96/ 95 | | | | | | | | | | .1 | 1.2 | 4.2 | 4.4 | 2.2 | .3 | | .1 | 116 | 116 | | |
| 94/ 93 | | | | | | | | | .1 | 2.7 | 4.5 | 6.6 | 2.3 | .3 | .1 | | | 154 | 154 | | |
| 92/ 91 | | | | | | | | | 1.4 | 5.2 | 5.3 | 2.3 | .5 | .1 | | | | 137 | 137 | | |
| 90/ 89 | | | | | | | | .8 | 3.7 | 4.8 | 2.4 | .8 | | | | | | 115 | 115 | | |
| 88/ 87 | | | | | | | | 1.9 | 2.8 | 2.4 | .5 | .5 | | | | | | 76 | 76 | | |
| 86/ 85 | | | | | | .3 | 1.4 | 1.4 | 1.3 | .3 | .1 | | | | | | | 45 | 45 | | |
| 84/ 83 | | | | | .2 | .8 | .6 | 2.2 | .2 | .3 | | | | | | | | 40 | 40 | | |
| 82/ 81 | | | | | .5 | 1.1 | .9 | .3 | .2 | | | | | | | | | 28 | 28 | | |
| 80/ 79 | | | | | .8 | .9 | .4 | | | | | | | | | | | 19 | 19 | | |
| 78/ 77 | | | .1 | .2 | .5 | .4 | | | | | | | | | | | | 12 | 12 | 5 | |
| 76/ 75 | | | .2 | .4 | .5 | | | | | | | | | | | | | 11 | 11 | 115 | |
| 74/ 73 | | | .4 | .4 | .1 | | | | | | | | | | | | | 9 | 9 | 300 | 1 |
| 72/ 71 | | .2 | .3 | | | | | | | | | | | | | | | 5 | 5 | 292 | 10 |
| 70/ 69 | | .1 | .4 | .1 | | | | | | | | | | | | | | 6 | 6 | 163 | 60 |
| 68/ 67 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 40 | 114 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 14 | 174 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 1 | 164 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 165 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 106 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 57 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 36 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 18 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 9 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 7 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 4 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (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 |
| TOTAL | | .3 | 1.6 | 1.2 | 2.7 | 3.4 | 3.3 | 6.6 | 9.7 | 15.8 | 14.0 | 15.4 | 9.7 | 7.5 | 4.6 | 2.4 | 1.8 | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma_R'$ | $\Sigma_R$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 90 F | ≤ 93 F | Total |
| Rel. Hum. | 1706905 | 37932 | 40.8 | 13.119 | 930 | | | | | | | |
| Dry Bulb | 7744720 | 84666 | 91.0 | 6.266 | 930 | | | 93.0 | 91.8 | 87.8 | 82.8 | 93 |
| Wet Bulb | 4833700 | 67016 | 72.1 | 2.209 | 930 | | | 91.5 | 92.0 | | | 93 |
| Dew Point | 3689566 | 58390 | 62.8 | 4.469 | 930 | | | 18.5 | .1 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUL (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 |
| 108/ 107 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 106/ 105 | | | | | | | | | | | | | | | .1 | .1 | 1.0 | 11 | 11 | | |
| 104/ 103 | | | | | | | | | | | | | | | .2 | .8 | 1.3 | 21 | 21 | | |
| 102/ 101 | | | | | | | | | | | | | | .6 | 1.7 | 2.4 | 1.0 | 53 | 53 | | |
| 100/ 99 | | | | | | | | | | | | | .5 | 2.0 | 3.9 | 1.1 | .9 | 78 | 78 | | |
| 98/ 97 | | | | | | | | | | | | .6 | 4.3 | 4.7 | 3.1 | .5 | | 124 | 124 | | |
| 96/ 95 | | | | | | | | | | .2 | .2 | 3.9 | 5.9 | 3.8 | 2.5 | .5 | | 158 | 158 | | |
| 94/ 93 | | | | | | | | | | .3 | 5.1 | 6.8 | 1.4 | .6 | .3 | | | 135 | 135 | | |
| 92/ 91 | | | | | | | | | | 3.2 | 3.4 | 1.0 | .1 | .2 | | | | 74 | 74 | | |
| 90/ 89 | | | | | | | | .1 | 1.5 | 2.7 | 2.2 | 1.3 | .1 | | | | | 73 | 73 | | |
| 88/ 87 | | | | | | | .1 | .4 | 1.3 | 1.9 | .4 | .2 | | | | | | 37 | 37 | | |
| 86/ 85 | | | | | | .2 | .5 | .6 | 1.2 | .3 | .5 | | | | | | | 32 | 32 | | |
| 84/ 83 | | | | | .1 | .4 | .6 | .8 | | .1 | | | | | | | | 19 | 19 | | |
| 82/ 81 | | | | .1 | .2 | .6 | .6 | .3 | .1 | | | | | | | | | 19 | 19 | | |
| 80/ 79 | | | | | .8 | 1.0 | .5 | | | | | | | | | | | 21 | 21 | | |
| 78/ 77 | | | .2 | .6 | .5 | .5 | | | | | | | | | | | | 18 | 18 | 3 | |
| 76/ 75 | | | .5 | .6 | .8 | .2 | | | | | | | | | | | | 20 | 20 | 59 | |
| 74/ 73 | | .1 | .9 | .3 | .1 | .1 | | | | | | | | | | | | 14 | 14 | 290 | 2 |
| 72/ 71 | | .1 | .6 | .5 | | | | | | | | | | | | | | 12 | 12 | 329 | 5 |
| 70/ 69 | | .1 | .4 | .1 | | | | | | | | | | | | | | 6 | 6 | 152 | 27 |
| 68/ 67 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 72 | 68 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 21 | 121 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 4 | 174 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 152 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 135 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 97 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 56 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 40 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 18 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 21 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 6 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 5 |
| 44/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B.-W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .3 | 3.0 | 2.4 | 2.5 | 3.1 | 2.5 | 2.3 | 4.1 | 8.4 | 11.8 | 13.8 | 12.4 | 12.0 | 11.8 | 5.4 | 4.3 | 930 | 930 | 930 | 930 |

| 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. | 1533004 | 34914 | 37.5 | 15.968 | 930 | | | | | | | |
| Dry Bulb | 8004824 | 85994 | 92.5 | 7.571 | 930 | | | 93.0 | 90.9 | 84.6 | 58.2 | 93 |
| Wet Bulb | 4768594 | 66562 | 71.6 | 2.229 | 930 | | | 90.5 | 35.2 | | | 93 |
| Dew Point | 3986444 | 56758 | 61.0 | 9.923 | 930 | | | 10.2 | .2 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (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 |
| 106/105 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 104/103 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 102/101 | | | | | | | | | | | | | | .1 | .2 | .6 | .2 | 11 | 11 | | |
| 100/ 99 | | | | | | | | | | | | | | .3 | 1.5 | .6 | .9 | 31 | 31 | | |
| 98/ 97 | | | | | | | | | | | | .2 | .6 | 1.8 | 2.3 | .9 | .2 | 56 | 56 | | |
| 96/ 95 | | | | | | | | | | | | 1.2 | 2.9 | 3.0 | 1.2 | .1 | .1 | 79 | 79 | | |
| 94/ 93 | | | | | | | | | | | 1.0 | 3.4 | 3.5 | 2.3 | .6 | .1 | | 102 | 102 | | |
| 92/ 91 | | | | | | | | | | 1.2 | 4.7 | 3.5 | 1.7 | 1.1 | .5 | | | 119 | 119 | | |
| 90/ 89 | | | | | | .1 | | | .8 | 3.3 | 5.8 | 2.4 | 1.1 | .2 | .1 | | | 128 | 128 | | |
| 88/ 87 | | | | | | | | 1.1 | 2.4 | 4.2 | 1.1 | .8 | .3 | | | | | 91 | 91 | | |
| 86/ 85 | | | | | | .1 | .5 | 1.3 | 3.9 | 1.3 | .8 | .3 | | | | | | 76 | 76 | | |
| 84/ 83 | | | | | | .6 | .5 | 2.8 | 1.1 | .8 | | | | | | | | 54 | 54 | | |
| 82/ 81 | | | | | .5 | .4 | 1.5 | .9 | .8 | | | | | | | | | 38 | 38 | | |
| 80/ 79 | | | | .6 | .8 | 1.0 | .8 | .2 | .2 | | | | | | | | | 33 | 33 | 1 | |
| 78/ 77 | | | | .1 | 1.3 | 1.0 | .2 | | | | | | | | | | | 24 | 24 | | |
| 76/ 75 | | | .5 | 2.3 | .8 | .2 | | | | | | | | | | | | 35 | 35 | 6 | 1 |
| 74/ 73 | .1 | .1 | 1.3 | 1.0 | .3 | .1 | | | | | | | | | | | | 27 | 27 | 114 | 3 |
| 72/ 71 | | .1 | 1.3 | .2 | | | | | | | | | | | | | | 15 | 15 | 297 | 5 |
| 70/ 69 | .2 | | .3 | | | | | | | | | | | | | | | 5 | 5 | 300 | 28 |
| 68/ 67 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 146 | 66 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 54 | 92 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 11 | 137 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 1 | 153 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 141 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 117 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 68 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 50 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 30 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 15 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 12 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 5 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 5 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PAGE 2 1800-2000 (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| TOTAL | .3 | .4 | 3.5 | 4.2 | 3.7 | 3.5 | 3.5 | 6.2 | 9.0 | 10.8 | 13.3 | 11.8 | 10.2 | 8.8 | 6.5 | 2.4 | 1.7 | 930 | 930 | 930 | 930 |

| 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. | 1876942 | 38814 | 41.7 | 16.633 | 930 | | | | | | | |
| Dry Bulb | 7310720 | 82188 | 88.4 | 7.145 | 930 | | | 93.0 | 90.7 | 80.7 | 28.2 | 93 |
| Wet Bulb | 4569923 | 65159 | 70.1 | 2.239 | 930 | | | 86.9 | 12.1 | | | 93 |
| Dew Point | 3413669 | 56135 | 60.4 | 5.223 | 930 | | | 10.3 | .9 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (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 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | .2 | | | | | 2 | 2 | | |
| 92/ 91 | | | | | | | | | | .1 | .1 | 1.0 | .3 | .2 | | | | 16 | 16 | | |
| 90/ 89 | | | | | | | | | | .6 | .8 | 1.8 | .3 | | | | | 33 | 33 | | |
| 88/ 87 | | | | | | | | | .8 | 2.9 | 2.8 | .9 | .2 | .1 | | | | 71 | 71 | | |
| 86/ 85 | | | | | | | | 1.4 | 5.3 | 2.9 | 2.7 | .9 | .1 | | | | | 123 | 123 | | |
| 84/ 83 | | | | | | .4 | 1.6 | 6.0 | 4.0 | 2.5 | 1.0 | .3 | | | | | | 147 | 147 | | |
| 82/ 81 | | | | | | 1.2 | 4.9 | 4.2 | 2.5 | 1.4 | .4 | .3 | .1 | | | | | 140 | 140 | | |
| 80/ 79 | | | | .1 | 1.2 | 3.1 | 4.9 | 2.7 | .5 | .5 | .2 | | | | | | | 124 | 124 | | |
| 78/ 77 | | | .2 | .9 | 1.8 | 2.9 | 1.0 | 1.1 | .1 | | .1 | | | | | | | 75 | 75 | | |
| 76/ 75 | | | .5 | 1.7 | 2.2 | 1.2 | .2 | .1 | .1 | | | | | | | | | 56 | 56 | | |
| 74/ 73 | | | 1.5 | 3.5 | 1.8 | .1 | | .1 | | | | | | | | | | 66 | 66 | 13 | |
| 72/ 71 | | .6 | 3.0 | 1.0 | .2 | | .1 | | | | | | | | | | | 46 | 46 | 126 | 4 |
| 70/ 69 | | .3 | 2.6 | | | | | | | | | | | | | | | 27 | 27 | 332 | 28 |
| 68/ 67 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 283 | 90 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 114 | 145 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 45 | 135 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 12 | 166 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 3 | 132 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 2 | 79 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 55 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 39 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 33 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 11 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 5 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 4 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 1.1 | 8.0 | 7.2 | 7.2 | 8.9 | 12.8 | 15.6 | 13.2 | 11.0 | 8.1 | 5.2 | 1.3 | .4 | .1 | | | 930 | 930 | 930 | 930 |

| 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. | 2874471 | 49541 | 53.3 | 15.919 | 930 | | | | | | | |
| Dry Bulb | 6121572 | 75294 | 81.0 | 5.257 | 930 | | | 93.0 | 85.5 | 61.6 | .4 | 93 |
| Wet Bulb | 4339385 | 63489 | 68.3 | 2.351 | 930 | | | 75.4 | 1.3 | | | 93 |
| Dew Point | 3510670 | 56956 | 61.2 | 4.923 | 930 | | | 12.2 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (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 |
| 108/107 | | | | | | | | | | | | | | | | | .0 | 2 | 2 | | |
| 106/105 | | | | | | | | | | | | | | | .0 | .0 | .2 | 14 | 14 | | |
| 104/103 | | | | | | | | | | | | | | | .0 | .2 | .2 | 31 | 31 | | |
| 102/101 | | | | | | | | | | | | | .0 | .1 | .4 | .4 | .2 | 89 | 89 | | |
| 100/ 99 | | | | | | | | | | | | .0 | .1 | .5 | .8 | .3 | .3 | 148 | 148 | | |
| 98/ 97 | | | | | | | | | | | | .2 | .9 | 1.3 | .9 | .3 | .1 | 273 | 273 | | |
| 96/ 95 | | | | | | | | | | .1 | .2 | 1.3 | 1.8 | 1.1 | .5 | .1 | .0 | 378 | 378 | | |
| 94/ 93 | | | | | | | | | .0 | .4 | 1.5 | 2.4 | 1.0 | .5 | .1 | .0 | | 439 | 439 | | |
| 92/ 91 | | | | | | | | | .3 | 1.4 | 2.2 | 1.1 | .3 | .2 | .1 | | | 410 | 410 | | |
| 90/ 89 | | | | | | .0 | | .2 | 1.1 | 2.0 | 1.6 | .8 | .2 | .0 | .0 | | | 453 | 453 | | |
| 88/ 87 | | | | | | | .1 | 1.1 | 1.6 | 1.9 | .8 | .3 | .1 | .0 | | | | 435 | 435 | | |
| 86/ 85 | | | | | | .2 | .9 | 1.4 | 2.1 | .9 | .7 | .2 | .0 | | | | | 474 | 474 | | |
| 84/ 83 | | | | | .1 | .7 | 1.2 | 2.9 | 1.3 | .8 | .2 | .0 | | | | | | 528 | 528 | | |
| 82/ 81 | | | | .0 | .5 | 1.2 | 2.7 | 1.9 | 1.1 | .3 | .1 | .1 | .0 | | | | | 593 | 593 | | |
| 80/ 79 | | | | .3 | 1.2 | 2.9 | 2.9 | 1.3 | .3 | .2 | .1 | | | | | | | 672 | 672 | 1 | |
| 78/ 77 | | | .1 | 1.0 | 2.1 | 3.4 | 1.3 | .5 | .2 | .0 | .0 | | | | | | | 645 | 645 | 9 | |
| 76/ 75 | | .1 | .6 | 2.2 | 3.2 | 1.2 | .6 | .2 | .0 | | | | | | | | | 596 | 596 | 244 | 1 |
| 74/ 73 | .0 | .1 | 1.5 | 2.6 | 1.5 | .6 | .0 | .1 | | | | | | | | | | 473 | 473 | 1004 | 10 |
| 72/ 71 | | .6 | 2.3 | 1.5 | .3 | .1 | .0 | | | | | | | | | | | 362 | 362 | 1672 | 76 |
| 70/ 69 | .0 | .9 | 2.4 | .4 | .3 | .0 | .0 | | | | | | | | | | | 298 | 298 | 1913 | 393 |
| 68/ 67 | | .4 | .7 | .2 | .0 | .0 | | | | | | | | | | | | 97 | 97 | 1534 | 851 |
| 66/ 65 | | .1 | .2 | | .0 | | | | | | | | | | | | | 25 | 25 | 701 | 1386 |
| 64/ 63 | | .1 | | | | | | | | | | | | | | | | 5 | 5 | 264 | 1372 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 78 | 1178 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 16 | 895 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 4 | 521 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 308 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 184 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 124 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 74 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 33 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 18 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 8 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 4 |

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

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) JUL (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 | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 3 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .0 | 2.2 | 7.9 | 8.2 | 9.1 | 10.3 | 9.7 | 9.4 | 8.1 | 7.9 | 7.3 | 6.5 | 4.4 | 3.8 | 2.9 | 1.3 | 1.0 | | 7440 | | 7440 |
| | | | | | | | | | | | | | | | | | | 7440 | | 7440 | |

| Element (X) | $\Sigma_X^1$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 23159428 | 392158 | 52.7 | 18.292 | 7440 | | | | | | | |
| Dry Bulb | 52192908 | 619824 | 83.3 | 8.642 | 7440 | | | 741.0 | 665.3 | 462.7 | 137.9 | 744 |
| Wet Bulb | 36083738 | 517672 | 69.6 | 2.941 | 7440 | | | 637.7 | 125.8 | | | 744 |
| Dew Point | 29178825 | 464657 | 62.5 | 4.626 | 7440 | | | 133.1 | 1.1 | | | 744 |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) AUG (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90/ 89 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | | | .1 | .2 | .3 | .1 | .1 | | | | | | 8 | 8 | | |
| 86/ 85 | | | | | | | .3 | 1.0 | 1.2 | .8 | .5 | | | | | | | 35 | 35 | | |
| 84/ 83 | | | | | | .1 | .9 | 2.7 | 2.3 | 1.4 | .3 | | | | | | | 71 | 71 | | |
| 82/ 81 | | | | | | 1.3 | 3.7 | 4.9 | 1.9 | 1.2 | .1 | .1 | | | | | | 122 | 122 | | |
| 80/ 79 | | | | .1 | 1.2 | 3.5 | 4.3 | 2.2 | 1.3 | .1 | | | | | | | | 118 | 118 | | |
| 78/ 77 | | | .2 | .6 | 2.2 | 6.9 | 3.3 | 1.0 | .5 | .5 | | | | | | | | 142 | 142 | | |
| 76/ 75 | | | .8 | 1.4 | 5.9 | 3.0 | 1.8 | 1.2 | .2 | .2 | | | | | | | | 135 | 135 | | |
| 74/ 73 | | | 1.4 | 3.1 | 2.5 | 1.8 | .8 | .8 | | | | | | | | | | 96 | 96 | 17 | |
| 72/ 71 | .1 | 1.5 | 2.2 | 2.8 | 1.3 | .9 | .4 | .3 | | | | | | | | | | 88 | 88 | 79 | 4 |
| 70/ 69 | .1 | 1.8 | 1.8 | 1.0 | 1.3 | | | | | | | | | | | | | 56 | 56 | 211 | 33 |
| 68/ 67 | | 1.2 | 1.7 | .4 | .2 | .2 | | | | | | | | | | | | 35 | 35 | 280 | 86 |
| 66/ 65 | | .1 | .6 | .4 | .4 | | | | | | | | | | | | | 15 | 15 | 171 | 129 |
| 64/ 63 | | | .5 | .1 | | | | | | | | | | | | | | 6 | 6 | 95 | 178 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 44 | 184 |
| 60/ 59 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 20 | 110 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 12 | 78 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 1 | 54 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 43 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 14 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 12 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 1 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .2 | 4.6 | 9.5 | 10.0 | 14.9 | 17.7 | 15.5 | 14.0 | 7.7 | 4.5 | 1.1 | .2 | | | | | | 930 | 930 | 930 | 930 |

| 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. | 3666779 | 56845 | 61.1 | 14.384 | 930 | | | | | | | |
| Dry Bulb | 5497359 | 71347 | 76.7 | 5.063 | 930 | | | 90.7 | 72.8 | 29.9 | | 93 |
| Wet Bulb | 4189164 | 62354 | 67.0 | 3.024 | 930 | | | 58.7 | 1.7 | | | 93 |
| Dew Point | 3551570 | 57316 | 61.6 | 4.544 | 930 | | | 12.3 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) AUG (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 94/ 83 | | | | | | .3 | .6 | | .4 | .1 | | | | | | | | 14 | 14 | | |
| 82/ 81 | | | | | .2 | 1.0 | 1.6 | 1.5 | .5 | .5 | | | | | | | | 50 | 50 | | |
| 80/ 79 | | | | .1 | 1.4 | 4.0 | 3.9 | 2.3 | .3 | .2 | | | | | | | | 113 | 113 | | |
| 78/ 77 | | | | .8 | 3.5 | 5.4 | 1.6 | 1.3 | .3 | .2 | | | | | | | | 121 | 121 | | |
| 76/ 75 | | | 1.3 | 1.7 | 8.5 | 2.5 | 1.5 | .5 | .2 | | | | | | | | | 151 | 151 | | |
| 74/ 73 | | .1 | 1.5 | 6.3 | 6.2 | 1.8 | .8 | .8 | | | | | | | | | | 163 | 163 | 10 | |
| 72/ 71 | .2 | 1.5 | 1.4 | 6.5 | 1.7 | 1.3 | .2 | .3 | | | | | | | | | | 122 | 122 | 68 | 7 |
| 70/ 69 | .2 | 1.9 | 3.7 | 1.8 | 1.6 | .6 | .4 | | | | | | | | | | | 96 | 96 | 175 | 45 |
| 68/ 67 | .2 | 1.6 | 1.3 | 1.6 | .2 | | | | | | | | | | | | | 46 | 46 | 291 | 89 |
| 66/ 65 | | .6 | 1.6 | .3 | .4 | | | | | | | | | | | | | 26 | 28 | 182 | 161 |
| 64/ 63 | | .3 | .6 | .5 | .2 | | | | | | | | | | | | | 16 | 16 | 95 | 217 |
| 62/ 61 | | .2 | .2 | .2 | | | | | | | | | | | | | | 6 | 6 | 65 | 147 |
| 60/ 59 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 21 | 94 |
| 58/ 57 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 18 | 69 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 5 | 48 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 23 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 17 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 12 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .6 | 6.5 | 11.9 | 19.9 | 24.1 | 16.9 | 10.6 | 6.6 | 1.8 | 1.1 | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 4407422 | 62916 | 67.7 | 12.751 | 930 | | | | | | | |
| Dry Bulb | 5132140 | 68954 | 74.1 | 4.594 | 930 | | | 87.6 | 61.2 | 12.2 | | 93 |
| Wet Bulb | 4132077 | 61919 | 66.6 | 3.204 | 930 | | | 54.9 | 1.0 | | | 93 |
| Dew Point | 3630971 | 57971 | 62.3 | 4.326 | 930 | | | 14.1 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) AUG (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 |
| 88/ 87 | | | | | | | .2 | | | | .1 | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | | | | .1 | .2 | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | .5 | .6 | 1.0 | .2 | .1 | | | | | | | | 23 | 23 | | |
| 82/ 81 | | | | | .4 | 2.4 | 1.4 | 1.4 | .3 | | | | | | | | | 55 | 55 | | |
| 80/ 79 | | | | .1 | 2.9 | 3.7 | 2.6 | 1.1 | .2 | | | | | | | | | 98 | 98 | | |
| 78/ 77 | | | .3 | 1.1 | 6.1 | 5.6 | 1.3 | 1.1 | | | | | | | | | | 146 | 146 | | |
| 76/ 75 | | .1 | 1.2 | 3.7 | 8.2 | 1.7 | 1.1 | .4 | | | | | | | | | | 152 | 152 | 2 | |
| 74/ 73 | | | 1.7 | 6.5 | 3.4 | 1.5 | .9 | .1 | | | | | | | | | | 131 | 131 | 29 | |
| 72/ 71 | .1 | 1.3 | 3.6 | 6.5 | 1.3 | 1.1 | .1 | | | | | | | | | | | 129 | 130 | 116 | 17 |
| 70/ 69 | .3 | 2.5 | 3.3 | 2.4 | 1.6 | .5 | | | | | | | | | | | | 99 | 99 | 221 | 53 |
| 68/ 67 | .2 | 1.2 | 1.3 | 1.3 | .5 | .1 | | | | | | | | | | | | 43 | 43 | 253 | 152 |
| 66/ 65 | | .3 | 2.0 | .3 | .3 | .1 | | | | | | | | | | | | 29 | 29 | 149 | 195 |
| 64/ 63 | | .1 | .2 | .4 | | | | | | | | | | | | | | 7 | 7 | 77 | 200 |
| 62/ 61 | | .3 | .4 | .2 | | | | | | | | | | | | | | 9 | 9 | 55 | 117 |
| 60/ 59 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 19 | 74 |
| 58/ 57 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 12 | 58 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 1 | 34 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 20 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 6 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .6 | 5.8 | 14.3 | 22.4 | 24.9 | 17.4 | 8.2 | 5.2 | 1.0 | .1 | .1 | | | | | | | 929 | 930 | 929 | 929 |

| 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. | 4613511 | 69561 | 69.5 | 11.691 | 929 | | | | | | | |
| Dry Bulb | 5176067 | 69247 | 74.5 | 4.639 | 930 | | | 88.3 | 61.1 | 12.3 | | 93 |
| Wet Bulb | 4223106 | 62564 | 67.3 | 3.233 | 929 | | | 61.7 | 2.6 | | | 93 |
| Dew Point | 3761123 | 58993 | 63.5 | 4.017 | 929 | | | 22.2 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (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 |
| 98/ 97 | | | | | | | | | | | .2 | | .1 | | .1 | | | 4 | 4 | | |
| 96/ 95 | | | | | | | | | | | .1 | .3 | .4 | .1 | .1 | | | 10 | 10 | | |
| 94/ 93 | | | | | | | | | .1 | .4 | 1.9 | 1.4 | .3 | .2 | | | | 41 | 41 | | |
| 92/ 91 | | | | | | | | | .5 | 1.8 | 1.8 | .6 | .3 | .1 | | | | 49 | 49 | | |
| 90/ 89 | | | | | | | | .6 | 3.8 | 2.7 | 1.6 | .4 | .1 | | | | | 86 | 86 | | |
| 88/ 87 | | | | | | | .2 | 4.9 | 4.7 | 2.8 | .9 | | | | | | | 125 | 125 | | |
| 86/ 85 | | | | | | .5 | 3.9 | 6.5 | 4.1 | 1.0 | .5 | | | | | | | 153 | 153 | | |
| 84/ 83 | | | | | .1 | 2.4 | 3.9 | 4.8 | 1.4 | .4 | | | | | | | | 121 | 121 | | |
| 82/ 81 | | | | .2 | 1.6 | 3.0 | 3.2 | 1.8 | .8 | .1 | | | | | | | | 100 | 100 | | |
| 80/ 79 | | | .1 | .6 | 1.6 | 3.1 | 2.4 | .3 | .1 | | | | | | | | | 77 | 77 | | |
| 78/ 77 | | | .8 | .4 | 2.4 | 2.0 | .3 | .3 | | | | | | | | | | 58 | 58 | 5 | |
| 76/ 75 | | .3 | .9 | 1.0 | 1.7 | .2 | .3 | | | | | | | | | | | 41 | 41 | 52 | |
| 74/ 73 | | .3 | .8 | 1.1 | .5 | .1 | | | | | | | | | | | | 26 | 26 | 231 | 4 |
| 72/ 71 | | .3 | .6 | .9 | .2 | | .1 | | | | | | | | | | | 20 | 20 | 287 | 32 |
| 70/ 69 | | .3 | 1.1 | .1 | | | | | | | | | | | | | | 14 | 14 | 198 | 87 |
| 68/ 67 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 107 | 191 |
| 66/ 65 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 36 | 219 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 10 | 168 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 3 | 106 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 1 | 65 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 25 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 23 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 8 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | 1.4 | 4.5 | 4.4 | 8.2 | 11.4 | 14.3 | 19.2 | 15.5 | 9.2 | 7.1 | 2.8 | 1.3 | .4 | .2 | | | 930 | 930 | 930 | 930 |

| 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. | 2878108 | 50224 | 54.0 | 13.359 | 930 | | | | | | | |
| Dry Bulb | 6569308 | 77976 | 83.8 | 5.814 | 930 | | | 92.8 | 89.1 | 72.9 | 5.5 | 93 |
| Wet Bulb | 4696553 | 66045 | 71.0 | 2.603 | 930 | | | 88.0 | 28.8 | | | 93 |
| Dew Point | 3904125 | 60157 | 64.7 | 3.722 | 930 | | | 31.4 | .4 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72265 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | AUG 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 |
| 104/ 103 | | | | | | | | | | | | | | .3 | | .2 | | 5 | 5 | | |
| 102/ 101 | | | | | | | | | | | | | .3 | .3 | .8 | .1 | .2 | 16 | 16 | | |
| 100/ 99 | | | | | | | | | | | | .4 | .6 | 2.0 | 1.3 | .6 | .2 | 49 | 49 | | |
| 98/ 97 | | | | | | | | | | | .1 | 1.2 | 2.6 | 2.0 | 1.5 | .4 | .1 | 74 | 74 | | |
| 96/ 95 | | | | | | | | | | .2 | 1.6 | 3.7 | 2.9 | 1.5 | .6 | .1 | | 99 | 99 | | |
| 94/ 93 | | | | | | | | | .2 | .6 | 4.4 | 3.9 | 1.9 | .6 | .2 | | | 111 | 111 | | |
| 92/ 91 | | | | | | | | .1 | 1.1 | 4.3 | 6.5 | 2.4 | .3 | .5 | .1 | | | 142 | 142 | | |
| 90/ 89 | | | | | | | .1 | 1.0 | 3.9 | 3.8 | 2.9 | 1.3 | .5 | | | | | 125 | 125 | | |
| 88/ 87 | | | | | | | .5 | 2.0 | 1.8 | 4.0 | 1.3 | .6 | | | | | | 96 | 96 | | |
| 86/ 85 | | | | | | .4 | 1.5 | 1.0 | 1.5 | 1.3 | .9 | | | | | | | 61 | 61 | | |
| 84/ 83 | | | | | .2 | 1.0 | .9 | 1.5 | .4 | .4 | | | | | | | | 41 | 41 | | |
| 82/ 81 | | | | .3 | .6 | .9 | 1.2 | .8 | .3 | | | | | | | | | 38 | 38 | | |
| 80/ 79 | | | | .6 | .6 | 1.0 | .3 | | | | | | | | | | | 25 | 25 | | |
| 78/ 77 | | | .1 | .4 | .3 | .3 | .1 | .1 | | | | | | | | | | 13 | 13 | 25 | |
| 76/ 75 | | | .1 | .4 | .4 | | .1 | | | | | | | | | | | 10 | 10 | 113 | |
| 74/ 73 | | .1 | .1 | .5 | .3 | .1 | | | | | | | | | | | | 11 | 11 | 292 | 4 |
| 72/ 71 | | .1 | .3 | .2 | | | | | | | | | | | | | | 6 | 6 | 224 | 27 |
| 70/ 69 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 175 | 60 |
| 68/ 67 | .1 | .2 | .2 | | | | | | | | | | | | | | | 5 | 5 | 73 | 121 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 25 | 149 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 3 | 161 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 152 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 103 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 77 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 25 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 24 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 16 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 7 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .1 | .5 | 1.1 | 2.6 | 2.7 | 3.7 | 4.7 | 6.5 | 9.2 | 14.6 | 17.6 | 13.4 | 9.2 | 7.4 | 4.5 | 1.5 | .5 | 930 | 930 | 930 | 930 |

| 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. | 1802425 | 38995 | 41.9 | 13.422 | 930 | | | | | | | |
| Dry Bulb | 7613599 | 83937 | 90.3 | 6.389 | 930 | | | 93.0 | 91.6 | 87.1 | 35.4 | 93 |
| Wet Bulb | 4811092 | 66846 | 71.9 | 2.619 | 930 | | | 90.2 | 43.0 | | | 93 |
| Dew Point | 3699076 | 58495 | 62.9 | 4.639 | 930 | | | 21.2 | .4 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110/ 105 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 104/ 103 | | | | | | | | | | | | | | .1 | .1 | 1.4 | .4 | 19 | 19 | | |
| 102/ 101 | | | | | | | | | | | | | .6 | .9 | 1.5 | 1.3 | .8 | 47 | 47 | | |
| 100/ 99 | | | | | | | | | | | | .1 | .4 | 3.4 | 3.4 | .9 | .9 | 85 | 85 | | |
| 98/ 97 | | | | | | | | | | | .2 | 1.6 | 1.9 | 2.6 | 2.8 | .5 | .2 | 92 | 92 | | |
| 96/ 95 | | | | | | | | | | .2 | .8 | 3.1 | 4.2 | 2.6 | .4 | .3 | | 108 | 109 | | |
| 94/ 93 | | | | | | | | | | .6 | 4.3 | 6.0 | 4.0 | 1.5 | .4 | | | 157 | 157 | | |
| 92/ 91 | | | | | | | | .1 | .1 | 2.6 | 4.3 | 2.4 | 1.9 | .5 | .2 | | | 113 | 113 | | |
| 90/ 89 | | | | | | | .1 | .4 | 1.0 | 2.7 | 1.9 | 1.7 | .9 | | | | | 81 | 81 | | |
| 88/ 87 | | | | | | | .3 | 1.7 | 1.9 | 2.7 | 1.6 | .4 | | | | | | 77 | 77 | | |
| 86/ 85 | | | | | .2 | | .5 | .8 | 1.2 | .5 | .8 | | | | | | | 36 | 36 | | |
| 84/ 83 | | | | | | .4 | .5 | .3 | .4 | .9 | | | | | | | | 26 | 26 | | |
| 82/ 81 | | | | | .1 | .3 | .8 | .3 | .2 | | | | | | | | | 16 | 16 | | |
| 80/ 79 | | | | | .5 | .6 | .2 | | | | | | | | | | | 13 | 13 | | |
| 78/ 77 | | | .1 | .3 | .6 | .2 | .1 | .1 | | | | | | | | | | 14 | 14 | 20 | |
| 76/ 75 | | | .2 | .6 | .5 | .2 | .1 | | | | | | | | | | | 16 | 16 | 76 | 1 |
| 74/ 73 | | .1 | .2 | .4 | | | | | | | | | | | | | | 7 | 7 | 241 | 2 |
| 72/ 71 | | .4 | .2 | .3 | | | | | | | | | | | | | | 9 | 9 | 277 | 10 |
| 70/ 69 | | .4 | .3 | | | | | | | | | | | | | | | 7 | 7 | 182 | 28 |
| 68/ 67 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 91 | 76 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 41 | 114 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 1 | 150 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 122 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 152 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 113 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 86 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 32 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 15 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 13 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 12 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | 1.3 | 1.3 | 1.7 | 1.9 | 1.8 | 2.9 | 3.8 | 4.4 | 10.2 | 13.9 | 15.4 | 14.0 | 11.6 | 8.9 | 4.4 | 2.4 | | 930 | | 929 |
| | | | | | | | | | | | | | | | | | | 929 | | 929 | |

| Element (X) | $\Sigma x^1$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1494360 | 34878 | 37.5 | 14.116 | 929 | | | | | | | |
| Dry Bulb | 7916190 | 85558 | 92.0 | 6.963 | 930 | | | 93.0 | 90.9 | 86.5 | 51.0 | 93 |
| Wet Bulb | 4746564 | 66360 | 71.4 | 2.618 | 929 | | | 88.8 | 33.7 | | | 93 |
| Dew Point | 3477470 | 56656 | 61.0 | 4.896 | 929 | | | 11.7 | .3 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | AUG MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 104/ 103 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| 102/ 101 | | | | | | | | | | | | | | | | .3 | | 3 | 3 | | |
| 100/ 99 | | | | | | | | | | | | | .1 | .3 | .9 | .6 | .2 | 20 | 20 | | |
| 98/ 97 | | | | | | | | | | | | .4 | .5 | 1.0 | .9 | .3 | .2 | 31 | 31 | | |
| 96/ 95 | | | | | | | | | | | .1 | 1.3 | 1.7 | 2.9 | .6 | .3 | | 65 | 65 | | |
| 94/ 93 | | | | | | | | | | .3 | 1.2 | 1.5 | 3.2 | 1.1 | .3 | .1 | | 72 | 72 | | |
| 92/ 91 | | | | | | | | | | 1.6 | 3.0 | 4.5 | 1.7 | .8 | .1 | | | 109 | 109 | | |
| 90/ 89 | | | | | | | | .1 | 1.0 | 2.9 | 4.8 | 3.1 | 1.0 | .3 | | | | 123 | 123 | | |
| 88/ 87 | | | | | | | | 1.4 | 1.4 | 3.2 | 2.7 | 1.3 | .3 | .1 | | | | 97 | 97 | | |
| 86/ 85 | | | | | | .1 | .9 | 1.7 | 4.2 | 3.0 | 2.3 | .6 | .2 | .1 | | | | 122 | 122 | | |
| 84/ 83 | | | | | .3 | .6 | .6 | 3.4 | 1.5 | 1.7 | .3 | | | | | | | 81 | 81 | | |
| 82/ 81 | | | | .1 | .3 | .9 | 1.1 | 1.6 | 1.3 | .5 | | | | | | | | 54 | 54 | | |
| 80/ 79 | | | | .3 | .8 | .9 | .9 | .9 | .8 | .1 | .2 | | | | | | | 43 | 43 | | |
| 78/ 77 | | | | .1 | 1.0 | 1.5 | .5 | .4 | | | | | | | | | | 33 | 33 | 2 | |
| 76/ 75 | | .2 | .4 | 1.9 | .8 | .3 | .3 | | | | | | | | | | | 37 | 37 | 22 | |
| 74/ 73 | | .4 | .9 | .4 | .2 | | | | | | | | | | | | | 18 | 18 | 109 | 3 |
| 72/ 71 | | .4 | .1 | .2 | | .1 | | | | | | | | | | | | 8 | 8 | 233 | 14 |
| 70/ 69 | | .2 | .4 | | | | | | | | | | | | | | | 6 | 6 | 274 | 35 |
| 68/ 67 | | .1 | .5 | | | | | | | | | | | | | | | 6 | 6 | 171 | 53 |
| 66/ 65 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 87 | 100 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 27 | 111 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 4 | 147 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 1 | 136 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 135 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 87 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 49 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 32 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 9 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 12 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 5 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 1.5 | 2.4 | 3.1 | 3.3 | 4.5 | 4.1 | 9.6 | 10.0 | 13.4 | 14.6 | 12.8 | 8.8 | 6.6 | 2.8 | 1.8 | .4 | 930 | 930 | 930 | 930 |

| 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. | 1936834 | 39972 | 43.0 | 15.347 | 930 | | | | | | | |
| Dry Bulb | 7090157 | 80965 | 87.1 | 6.677 | 930 | | | 92.9 | 90.9 | 80.3 | 19.2 | 93 |
| Wet Bulb | 4518988 | 64780 | 69.7 | 2.681 | 930 | | | 81.1 | 13.3 | | | 93 |
| Dew Point | 3917347 | 56173 | 60.4 | 5.129 | 930 | | | 10.5 | .3 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 92/ 91 | | | | | | | | | | .1 | .4 | .3 | .3 | | | | | | 11 | 11 | | |
| 90/ 89 | | | | | | | | | .2 | .9 | 1.7 | .3 | .2 | | | | | | 31 | 31 | | |
| 88/ 87 | | | | | | | | .9 | .8 | 2.8 | 1.9 | .6 | | | | | | | 64 | 64 | | |
| 86/ 85 | | | | | | | .6 | 1.3 | 2.2 | 2.3 | 1.4 | .3 | .2 | | | | | | 74 | 74 | | |
| 84/ 83 | | | | | | .3 | .9 | 4.9 | 2.9 | 2.8 | 1.1 | .1 | | | | | | | 121 | 121 | | |
| 82/ 81 | | | | | .2 | 1.3 | 5.5 | 3.4 | 3.5 | 1.2 | .1 | | | | | | | | 142 | 142 | | |
| 80/ 79 | | | | .8 | .9 | 2.5 | 5.4 | 3.0 | 2.0 | .4 | | .1 | | | | | | | 140 | 140 | | |
| 78/ 77 | | | | 1.2 | 2.5 | 3.9 | 2.3 | 1.8 | 1.1 | .1 | | | | | | | | | 119 | 119 | | |
| 76/ 75 | | | .8 | 1.3 | 2.2 | 1.7 | 1.4 | 1.0 | .2 | .1 | .1 | | | | | | | | 81 | 81 | | |
| 74/ 73 | .1 | .4 | 1.2 | 1.6 | 1.2 | 1.3 | .4 | .2 | .2 | | | | | | | | | | 62 | 62 | 38 | 2 |
| 72/ 71 | .2 | .8 | 1.3 | 1.4 | .4 | .2 | .1 | .1 | | | | | | | | | | | 42 | 42 | 119 | 14 |
| 70/ 69 | .1 | .8 | 1.3 | .3 | .4 | .1 | | | | | | | | | | | | | 28 | 28 | 260 | 37 |
| 68/ 67 | | .3 | .4 | | .3 | | | | | | | | | | | | | | 10 | 10 | 240 | 73 |
| 66/ 65 | | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 156 | 85 |
| 64/ 63 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 74 | 162 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 30 | 174 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 9 | 126 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 3 | 99 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 | 69 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 46 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 24 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 7 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 8 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .4 | 2.4 | 5.3 | 6.7 | 8.1 | 11.3 | 16.6 | 16.2 | 13.1 | 10.6 | 6.8 | 1.8 | .8 | | | | | | 930 | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 2936672 | 50412 | 54.2 | 14.819 | 930 | | | | | | | |
| Dry Bulb | 5977874 | 74402 | 80.0 | 5.245 | 930 | | | 92.5 | 84.5 | 52.3 | | 93 |
| Wet Bulb | 4288619 | 63095 | 67.8 | 2.934 | 930 | | | 68.7 | 3.8 | | | 93 |
| Dew Point | 3492485 | 56807 | 61.1 | 4.927 | 930 | | | 12.6 | .2 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) AUG (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 106/ 105 | | | | | | | | | | | | | | | | | .0 | | 1 | 1 | | |
| 104/ 103 | | | | | | | | | | | | | | .1 | .0 | .2 | .1 | | 25 | 25 | | |
| 102/ 101 | | | | | | | | | | | | | .1 | .1 | .3 | .2 | .1 | | 66 | 66 | | |
| 100/ 99 | | | | | | | | | | | | .1 | .1 | .7 | .7 | .3 | .2 | | 154 | 154 | | |
| 98/ 97 | | | | | | | | | | | .1 | .4 | .6 | .7 | .7 | .2 | .1 | | 201 | 201 | | |
| 96/ 95 | | | | | | | | | | .1 | .3 | 1.0 | 1.2 | .9 | .2 | .1 | | | 282 | 283 | | |
| 94/ 93 | | | | | | | | | .0 | .3 | 1.5 | 1.6 | 1.2 | .4 | .1 | .0 | | | 381 | 381 | | |
| 92/ 91 | | | | | | | | .0 | .2 | 1.3 | 2.0 | 1.3 | .6 | .2 | .1 | | | | 424 | 424 | | |
| 90/ 89 | | | | | | | .0 | .3 | 1.2 | 1.6 | 1.6 | .9 | .3 | .0 | | | | | 447 | 447 | | |
| 88/ 87 | | | | | | | .2 | 1.4 | 1.3 | 2.0 | 1.1 | .4 | .0 | .0 | | | | | 470 | 470 | | |
| 86/ 85 | | | | | .0 | .1 | 1.0 | 1.5 | 1.8 | 1.1 | .8 | .1 | .1 | .0 | | | | | 484 | 484 | | |
| 84/ 83 | | | | | .1 | .7 | 1.1 | 2.3 | 1.2 | 1.0 | .2 | .0 | | | | | | | 498 | 498 | | |
| 82/ 81 | | | | .1 | .4 | 1.4 | 2.3 | 2.0 | 1.1 | .4 | .0 | .0 | | | | | | | 577 | 577 | | |
| 80/ 79 | | | .0 | .3 | 1.3 | 2.4 | 2.5 | 1.2 | .6 | .1 | .0 | .0 | | | | | | | 627 | 627 | | |
| 78/ 77 | | | .2 | .6 | 2.3 | 3.3 | 1.2 | .8 | .2 | .1 | | | | | | | | | 646 | 646 | 52 | |
| 76/ 75 | | .1 | .7 | 1.5 | 3.5 | 1.2 | .8 | .4 | .1 | .0 | .0 | | | | | | | | 623 | 623 | 265 | 1 |
| 74/ 73 | .0 | .2 | 1.0 | 2.5 | 1.8 | .8 | .3 | .2 | .0 | | | | | | | | | | 514 | 514 | 962 | 15 |
| 72/ 71 | .1 | .8 | 1.2 | 2.3 | .6 | .4 | .1 | .1 | | | | | | | | | | | 424 | 425 | 1403 | 125 |
| 70/ 69 | .1 | 1.0 | 1.5 | .7 | .6 | .2 | .1 | | | | | | | | | | | | 309 | 309 | 1696 | 378 |
| 68/ 67 | .1 | .6 | .7 | .4 | .2 | .0 | | | | | | | | | | | | | 153 | 153 | 1506 | 841 |
| 66/ 65 | | .1 | .6 | .1 | .1 | .0 | | | | | | | | | | | | | 79 | 79 | 847 | 1152 |
| 64/ 63 | | .1 | .2 | .1 | .0 | | | | | | | | | | | | | | 30 | 30 | 382 | 1347 |
| 62/ 61 | | .1 | .1 | .1 | | | | | | | | | | | | | | | 15 | 15 | 201 | 1149 |
| 60/ 59 | | .0 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 71 | 860 |
| 58/ 57 | | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 45 | 654 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 8 | 426 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 245 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 126 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 63 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 36 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 13 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 3 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 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 |
| TOTAL | .3 | 3.0 | 6.3 | 8.8 | 11.0 | 10.6 | 9.6 | 10.1 | 7.9 | 8.0 | 7.6 | 5.8 | 4.3 | 3.3 | 2.1 | 1.0 | .4 | 7438 | 7440 | 7438 | 7438 |

| 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. | 23736111 | 398803 | 53.6 | 17.789 | 7438 | | | | | | | |
| Dry Bulb | 50972694 | 612386 | 82.3 | 8.732 | 7440 | | | 730.8 | 642.1 | 433.5 | 111.1 | 744 |
| Wet Bulb | 35606163 | 513963 | 69.1 | 3.508 | 7438 | | | 588.6 | 127.9 | | | 744 |
| Dew Point | 28934167 | 462567 | 62.2 | 4.742 | 7438 | | | 136.0 | 1.6 | | | 744 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | | | | | .1 | | .1 | | | | | | | 2 | 2 | | |
| 86/ 85 | | | | | | .1 | | | .4 | .2 | | | | | | | | 7 | 7 | | |
| 84/ 83 | | | | | | .2 | .4 | .6 | .3 | .4 | .2 | | | | | | | 20 | 20 | | |
| 82/ 81 | | | | | .1 | .2 | 1.0 | 1.2 | 1.1 | .2 | | | | | | | | 35 | 35 | | |
| 80/ 79 | | | | | .9 | 1.4 | 2.6 | 1.4 | .9 | .1 | | | | | | | | 66 | 66 | | |
| 78/ 77 | | | | .1 | 1.0 | 4.0 | .7 | .7 | .6 | .2 | .3 | | | | | | | 68 | 68 | | |
| 76/ 75 | | | .8 | 2.1 | 3.7 | 2.2 | 1.3 | .4 | .1 | .2 | .1 | | | | | | | 99 | 99 | 2 | |
| 74/ 73 | | .1 | 1.0 | 1.7 | 2.0 | 2.3 | .1 | 1.3 | .1 | .2 | .2 | | | | | | | 82 | 82 | 4 | |
| 72/ 71 | | .6 | 2.1 | 2.1 | 1.9 | 1.8 | .2 | .7 | .1 | .1 | | | | | | | | 86 | 86 | 35 | 2 |
| 70/ 69 | | .8 | 3.4 | 1.8 | 1.4 | .6 | .7 | .3 | | | | | | | | | | 81 | 81 | 100 | 20 |
| 68/ 67 | 1.0 | 1.6 | 2.8 | .6 | .7 | .6 | 1.0 | .3 | .2 | | | | | | | | | 78 | 78 | 151 | 62 |
| 66/ 65 | .7 | .7 | 2.4 | 1.1 | .3 | .9 | .7 | .1 | | | | | | | | | | 62 | 62 | 150 | 86 |
| 64/ 63 | | 1.6 | 1.7 | .9 | .8 | .4 | .1 | | | | | | | | | | | 49 | 49 | 96 | 118 |
| 62/ 61 | .2 | .6 | .8 | .8 | 1.1 | .2 | .1 | .2 | | | | | | | | | | 36 | 36 | 81 | 107 |
| 60/ 59 | | 1.0 | 1.1 | 1.0 | .8 | .2 | | | | | | | | | | | | 37 | 37 | 54 | 103 |
| 58/ 57 | | .2 | 1.7 | 1.0 | .6 | .3 | .1 | | | | | | | | | | | 35 | 35 | 47 | 78 |
| 56/ 55 | | .4 | .6 | .8 | .1 | .2 | | | | | | | | | | | | 19 | 19 | 57 | 73 |
| 54/ 53 | | .2 | .4 | | | | | | | | | | | | | | | 6 | 6 | 43 | 27 |
| 52/ 51 | .2 | 1.2 | .2 | | | | | | | | | | | | | | | 15 | 15 | 34 | 44 |
| 50/ 49 | .3 | 1.0 | .1 | | | | | | | | | | | | | | | 13 | 13 | 30 | 56 |
| 48/ 47 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 52 |
| 46/ 45 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 30 |
| 44/ 43 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 15 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 11 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 9 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 5 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.4 | 10.3 | 19.1 | 13.9 | 15.3 | 15.8 | 9.0 | 7.3 | 4.0 | 1.8 | 1.0 | | | | | | | 900 | | 900 | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 4336107 | 60759 | 67.5 | 16.143 | 900 | | | | | | | |
| Dry Bulb | 4461737 | 62949 | 69.9 | 8.092 | 900 | | | 62.8 | 37.9 | 9.6 | | 90 |
| Wet Bulb | 3560493 | 56329 | 62.6 | 6.238 | 900 | | | 29.2 | .6 | | | 90 |
| Dew Point | 3065656 | 52110 | 57.9 | 7.348 | 900 | | | 8.8 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | | | .3 | .1 | | | | | | | | | 3 | 3 | | |
| 82/ 81 | | | | | .3 | | .2 | .3 | .3 | | .1 | | | | | | | 12 | 12 | | |
| 80/ 79 | | | | | .3 | .3 | .6 | 1.0 | .2 | | | .1 | .2 | | | | | 25 | 25 | | |
| 78/ 77 | | | | .2 | 2.2 | 1.9 | 1.7 | .8 | .2 | | | | | | | | | 63 | 63 | | |
| 76/ 75 | | | .6 | 1.7 | 4.1 | 1.0 | 1.2 | .1 | .1 | .1 | | | | | | | | 80 | 80 | | |
| 74/ 73 | | .1 | 2.1 | 2.2 | 1.9 | 1.3 | .6 | .4 | .2 | .1 | | | | | | | | 81 | 81 | 3 | |
| 72/ 71 | | .2 | 2.4 | 2.9 | 2.2 | 1.0 | .8 | .3 | | .1 | | | | | | | | 90 | 90 | 29 | 3 |
| 70/ 69 | | 1.3 | 4.8 | 3.1 | 2.2 | .7 | .2 | .3 | .1 | | | | | | | | | 115 | 115 | 74 | 27 |
| 68/ 67 | 1.1 | 1.2 | 5.7 | 1.2 | .9 | .2 | .1 | .2 | | | | | | | | | | 96 | 96 | 133 | 57 |
| 66/ 65 | .7 | 1.3 | 2.1 | 1.4 | 1.1 | .7 | 1.0 | | .1 | | | | | | | | | 76 | 76 | 146 | 93 |
| 64/ 63 | .1 | 2.1 | .8 | 1.0 | .6 | .6 | .7 | .1 | | | | | | | | | | 53 | 53 | 123 | 121 |
| 62/ 61 | .3 | 1.1 | 1.2 | 1.2 | .8 | | | .1 | | | | | | | | | | 43 | 43 | 83 | 104 |
| 60/ 59 | | .9 | 1.2 | 1.2 | .8 | | .1 | | | | | | | | | | | 38 | 38 | 51 | 104 |
| 58/ 57 | | 1.0 | 1.6 | 1.0 | .2 | .1 | | | | | | | | | | | | 35 | 35 | 53 | 62 |
| 56/ 55 | | .7 | .8 | .9 | | | | | | | | | | | | | | 21 | 21 | 49 | 63 |
| 54/ 53 | | .8 | .9 | .4 | .2 | .2 | | | | | | | | | | | | 23 | 23 | 51 | 47 |
| 52/ 51 | | 1.0 | .9 | .1 | | .1 | | | | | | | | | | | | 19 | 19 | 38 | 42 |
| 50/ 49 | .6 | 1.4 | .1 | | | | | | | | | | | | | | | 19 | 19 | 33 | 38 |
| 48/ 47 | .2 | .3 | | | | | | | | | | | | | | | | 5 | 5 | 24 | 59 |
| 46/ 45 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 31 |
| 44/ 43 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 26 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 9 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 4 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.0 | 13.9 | 25.1 | 18.7 | 17.9 | 8.1 | 7.1 | 4.0 | 1.4 | .3 | .1 | .1 | .2 | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| 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. | 4909414 | 65118 | 72.4 | 14.837 | 900 | | | | | | | |
| Dry Bulb | 4180035 | 60939 | 67.7 | 7.740 | 900 | | | 56.5 | 26.4 | 2.9 | | 90 |
| Wet Bulb | 3472157 | 55597 | 61.8 | 6.474 | 900 | | | 23.9 | .3 | | | 90 |
| Dew Point | 3069510 | 52124 | 57.9 | 7.511 | 900 | | .1 | 8.7 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PAGE 1 0600-0800 (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | | .1 | .3 | .1 | | | | | | | | | 5 | 5 | | |
| 82/ 81 | | | | | .1 | .2 | .2 | .3 | | | | | | | | | | 8 | 8 | | |
| 80/ 79 | | | | .1 | .6 | 1.9 | 1.0 | .3 | | | .1 | | | | | | | 36 | 36 | | |
| 78/ 77 | | | | .2 | 2.4 | 1.7 | .6 | .8 | .1 | | .1 | .1 | | | | | | 54 | 54 | | |
| 76/ 75 | | | .2 | 2.4 | 4.0 | 1.1 | .3 | .5 | .1 | | | | | | | | | 79 | 79 | | |
| 74/ 73 | | .2 | 1.9 | 3.7 | 2.2 | 1.0 | .3 | .3 | .1 | .1 | .1 | | | | | | | 90 | 90 | 2 | |
| 72/ 71 | .1 | .8 | 4.4 | 4.1 | .9 | .8 | .6 | .3 | .2 | | | | | | | | | 110 | 110 | 30 | 2 |
| 70/ 69 | .2 | 1.1 | 5.1 | 2.8 | .7 | .2 | .9 | .3 | .1 | | | | | | | | | 103 | 103 | 122 | 21 |
| 68/ 67 | .3 | .9 | 3.2 | .9 | 1.1 | .3 | .2 | .1 | | | | | | | | | | 64 | 64 | 140 | 76 |
| 66/ 65 | 1.1 | 2.0 | 3.3 | 1.3 | .7 | .4 | .3 | | | | | | | | | | | 83 | 83 | 129 | 139 |
| 64/ 63 | .4 | 1.2 | 1.6 | .8 | .6 | .4 | .4 | | | | | | | | | | | 49 | 49 | 102 | 130 |
| 62/ 61 | .2 | 1.8 | 1.9 | 1.0 | .7 | .9 | .3 | | | | | | | | | | | 61 | 61 | 65 | 95 |
| 60/ 59 | | .7 | 1.0 | 1.1 | .6 | | | | | | | | | | | | | 30 | 30 | 61 | 75 |
| 58/ 57 | | .7 | 1.2 | 1.0 | .1 | | | | | | | | | | | | | 27 | 27 | 49 | 51 |
| 56/ 55 | | .9 | 1.7 | .9 | .1 | .1 | | | | | | | | | | | | 33 | 33 | 45 | 51 |
| 54/ 53 | | 1.2 | .7 | .6 | .1 | | | | | | | | | | | | | 23 | 23 | 42 | 49 |
| 52/ 51 | .1 | .9 | .9 | | | | | | | | | | | | | | | 17 | 17 | 55 | 45 |
| 50/ 49 | .3 | .6 | .6 | .2 | .1 | | | | | | | | | | | | | 16 | 16 | 24 | 41 |
| 48/ 47 | .2 | .4 | | .1 | | | | | | | | | | | | | | 7 | 7 | 21 | 38 |
| 46/ 45 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 6 | 41 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 6 | 26 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 8 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 4 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.1 | 13.8 | 27.7 | 21.2 | 14.9 | 9.1 | 5.3 | 3.4 | .9 | .1 | .3 | .1 | | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| 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. | 5062334 | 66302 | 73.7 | 14.069 | 900 | | | | | | | |
| Dry Bulb | 4191061 | 61011 | 67.8 | 7.831 | 900 | | | 55.0 | 27.3 | 3.0 | | 90 |
| Wet Bulb | 3516203 | 55933 | 62.1 | 6.678 | 900 | | | 29.4 | .2 | | | 90 |
| Dew Point | 3140704 | 52724 | 58.6 | 7.606 | 900 | | | 9.9 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (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 Po |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 98/ 97 | | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | | | | .2 | .1 | | | | | 3 | 3 | | |
| 94/ 93 | | | | | | | | | | | .2 | .4 | .1 | .1 | | | .1 | | 9 | 9 | | |
| 92/ 91 | | | | | | | | | | .4 | .8 | .2 | .1 | | .1 | .2 | | | 17 | 17 | | |
| 90/ 89 | | | | | | | | .2 | 1.4 | 1.6 | .8 | .4 | .2 | .1 | | | | | 43 | 43 | | |
| 88/ 87 | | | | | | | .3 | 1.7 | 2.0 | 1.2 | .2 | .3 | .1 | .2 | | | | | 55 | 55 | | |
| 86/ 85 | | | | | | .7 | 1.4 | 2.1 | 2.1 | .4 | .6 | .2 | .1 | .1 | | | | | 69 | 69 | | |
| 84/ 83 | | | | | .3 | 1.0 | 3.4 | 2.1 | 1.0 | .3 | .3 | .3 | | | | | | | 79 | 79 | | |
| 82/ 81 | | | | | .7 | 2.1 | 2.9 | 1.7 | 1.1 | .6 | .2 | .1 | | | | | | | 84 | 84 | | |
| 80/ 79 | | | | .4 | 1.7 | 3.3 | 1.1 | 1.6 | .4 | .2 | .2 | .2 | | | | | | | 83 | 83 | | |
| 78/ 77 | | | | 1.1 | 3.2 | 1.8 | .6 | 1.0 | | .3 | .1 | .1 | | | | | | | 74 | 74 | | |
| 76/ 75 | | | .4 | 1.2 | 2.2 | .3 | 1.0 | .3 | .3 | .2 | .2 | | | | | | | | 57 | 57 | 18 | |
| 74/ 73 | | | 1.1 | 1.8 | 1.0 | 1.0 | .3 | .3 | .4 | .1 | | | | | | | | | 55 | 55 | 87 | |
| 72/ 71 | | .2 | 1.1 | 1.9 | .3 | .8 | .7 | .8 | .2 | | | | | | | | | | 54 | 54 | 171 | |
| 70/ 69 | | .7 | .9 | .8 | 1.2 | .6 | .7 | .3 | .1 | | | | | | | | | | 46 | 46 | 154 | 5 |
| 68/ 67 | .2 | | .7 | .4 | .1 | .3 | .8 | .4 | | | | | | | | | | | 27 | 27 | 98 | 12 |
| 66/ 65 | .9 | .6 | 1.0 | .6 | .8 | .3 | .6 | | | | | | | | | | | | 42 | 42 | 91 | 15 |
| 64/ 63 | | .9 | .3 | 1.0 | .3 | .6 | | | | | | | | | | | | | 28 | 28 | 62 | 11 |
| 62/ 61 | .1 | .3 | .4 | .2 | .6 | .2 | | | | | | | | | | | | | 17 | 17 | 55 | 7 |
| 60/ 59 | | .4 | .7 | .7 | .4 | .3 | | | | | | | | | | | | | 23 | 23 | 35 | 8 |
| 58/ 57 | | .6 | .2 | .3 | | | | | | | | | | | | | | | 10 | 10 | 46 | 4 |
| 56/ 55 | | .4 | .1 | .3 | .2 | | | | | | | | | | | | | | 10 | 10 | 42 | 3 |
| 54/ 53 | | .6 | .1 | .1 | | | | | | | | | | | | | | | 7 | 7 | 19 | 4 |
| 52/ 51 | .4 | .2 | .1 | | | | | | | | | | | | | | | | 7 | 7 | 18 | 4 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 10 | 3 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.7 | 4.9 | 7.2 | 10.9 | 13.1 | 13.3 | 13.3 | 12.2 | 9.2 | 5.4 | 3.7 | 2.4 | .9 | .7 | .2 | .2 | .1 | | | 900 | | 90 |
| | | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3384087 | 53099 | 59.0 | 16.719 | 900 | | | | | | | |
| Dry Bulb | 5386422 | 69128 | 76.8 | 9.241 | 900 | | | 75.6 | 62.9 | 40.4 | 1.3 | |
| Wet Bulb | 3986433 | 59635 | 66.3 | 6.235 | 900 | | | 52.8 | 10.5 | | | |
| Dew Point | 3315774 | 54212 | 60.2 | 7.479 | 900 | | | 18.6 | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | SEP 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 |
| 104/ 103 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | |
| 102/ 101 | | | | | | | | | | | | | | .1 | .1 | .1 | .3 | 6 | 6 | | |
| 100/ 99 | | | | | | | | | | | | | .1 | .4 | .2 | .3 | .1 | 11 | 11 | | |
| 98/ 97 | | | | | | | | | | | | .2 | .9 | .9 | .3 | | .3 | 24 | 24 | | |
| 96/ 95 | | | | | | | | | | .1 | .4 | 1.6 | 1.6 | 1.2 | .1 | .3 | .6 | 53 | 53 | | |
| 94/ 93 | | | | | | | | | | 1.1 | 2.1 | 1.7 | 1.1 | .7 | .9 | .4 | | 72 | 72 | | |
| 92/ 91 | | | | | | | | .1 | .7 | 1.4 | 2.4 | 1.1 | 1.1 | .7 | | | | 68 | 68 | | |
| 90/ 89 | | | | | | | | .3 | 2.2 | 2.6 | 2.1 | .8 | .2 | .7 | .1 | | | 81 | 81 | | |
| 88/ 87 | | | | | | | | 2.0 | 2.3 | 3.3 | .7 | .4 | .3 | .1 | .1 | | | 84 | 84 | | |
| 86/ 85 | | | | | | .3 | 1.4 | 1.9 | 1.9 | 1.7 | 1.0 | .3 | .4 | .1 | .1 | | | 82 | 82 | | |
| 84/ 83 | | | | | .4 | .4 | 1.4 | 2.2 | 1.2 | .8 | .7 | .3 | .1 | | | | | 69 | 69 | | |
| 82/ 81 | | | | .2 | .7 | .6 | .7 | 1.4 | .9 | .4 | | .1 | .1 | .1 | | | | 47 | 47 | | |
| 80/ 79 | | | | .1 | .3 | .7 | .9 | .9 | .4 | .9 | .3 | .3 | | | | | | 44 | 44 | | |
| 78/ 77 | | | .2 | .6 | .6 | .7 | 1.1 | .4 | .6 | .3 | .6 | .1 | | | | | | 46 | 46 | 2 | |
| 76/ 75 | | | .1 | .3 | .7 | .3 | .4 | .1 | 1.0 | .4 | .3 | | | | | | | 34 | 34 | 55 | |
| 74/ 73 | | | .2 | .8 | .6 | | .3 | .2 | .3 | .2 | | | | | | | | 24 | 24 | 128 | 3 |
| 72/ 71 | | .1 | .3 | .2 | .3 | .4 | .3 | .6 | .6 | | | | | | | | | 26 | 26 | 177 | 11 |
| 70/ 69 | | .6 | .9 | .2 | .2 | | .4 | .2 | .1 | | | | | | | | | 24 | 24 | 127 | 36 |
| 68/ 67 | .3 | | .9 | .2 | .6 | .1 | .3 | .6 | | | | | | | | | | 27 | 27 | 102 | 87 |
| 66/ 65 | .4 | .2 | .9 | .7 | .6 | .3 | .4 | | | | | | | | | | | 32 | 32 | 78 | 112 |
| 64/ 63 | | .4 | .2 | | .3 | | .1 | | | | | | | | | | | 10 | 10 | 63 | 96 |
| 62/ 61 | | .1 | .1 | .2 | | | | | | | | | | | | | | 4 | 4 | 42 | 120 |
| 60/ 59 | | .3 | .1 | .2 | | .3 | | | | | | | | | | | | 8 | 8 | 38 | 94 |
| 58/ 57 | | .4 | .2 | .1 | .1 | | | | | | | | | | | | | 8 | 8 | 39 | 54 |
| 56/ 55 | | .8 | | | | | | | | | | | | | | | | 7 | 7 | 24 | 55 |
| 54/ 53 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 14 | 40 |
| 52/ 51 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 8 | 51 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 3 | 38 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 21 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 23 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 28 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 16 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 6 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 4 |

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

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) JYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 1.1 | 3.3 | 4.2 | 3.9 | 5.3 | 4.1 | 8.0 | 10.9 | 12.2 | 13.3 | 10.7 | 7.0 | 6.0 | 5.0 | 2.0 | 1.2 | 1.7 | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2284584 | 42316 | 47.0 | 18.114 | 900 | | | | | | | |
| Dry Bulb | 6330033 | 74913 | 83.2 | 10.254 | 900 | | | 82.5 | 74.8 | 62.2 | 16.9 | 90 |
| Wet Bulb | 4154548 | 60926 | 67.7 | 5.789 | 900 | | | 59.1 | 18.5 | | | 90 |
| Dew Point | 3183618 | 53078 | 59.0 | 7.701 | 900 | | | 13.7 | .3 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (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 |
| 106/105 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 104/103 | | | | | | | | | | | | | | | | .2 | .3 | 5 | 5 | | |
| 102/101 | | | | | | | | | | | | | | | .2 | .2 | .7 | 10 | 10 | | |
| 100/ 99 | | | | | | | | | | | | | .4 | .6 | 1.1 | .4 | .1 | 24 | 24 | | |
| 98/ 97 | | | | | | | | | | | | .2 | .8 | 1.6 | 1.2 | .3 | 1.0 | 46 | 46 | | |
| 96/ 95 | | | | | | | | | | .3 | .6 | 1.7 | 2.2 | 1.2 | .4 | .3 | .8 | 68 | 68 | | |
| 94/ 93 | | | | | | | | | | .1 | 1.3 | 1.8 | 1.8 | 2.0 | .6 | .3 | .4 | 75 | 75 | | |
| 92/ 91 | | | | | | | | | .1 | 1.0 | 3.6 | 1.9 | .7 | .6 | .7 | | | 76 | 76 | | |
| 90/ 89 | | | | | | | | .6 | .9 | 2.6 | 2.1 | 1.2 | .8 | 1.1 | | | | 83 | 83 | | |
| 88/ 87 | | | | | | | .1 | 1.7 | 1.3 | 2.4 | 1.3 | 1.0 | | .6 | .1 | | | 71 | 71 | | |
| 86/ 85 | | | | | | .3 | .2 | 1.7 | 2.7 | 2.0 | 1.3 | 1.0 | .1 | .1 | .2 | | | 75 | 75 | | |
| 84/ 83 | | | | | | 1.2 | .3 | 1.4 | .7 | .7 | .8 | .3 | .3 | .1 | | | | 53 | 53 | | |
| 82/ 81 | | | | | .1 | .6 | .4 | .8 | .3 | .7 | .9 | .2 | .1 | .1 | | | | 38 | 38 | | |
| 80/ 79 | | | | | .7 | 1.4 | 1.1 | .9 | .2 | 1.0 | .2 | | | | | | | 50 | 50 | | |
| 78/ 77 | | | | .3 | .8 | .4 | .6 | .2 | .7 | .4 | .9 | .7 | | | | | | 45 | 45 | 3 | |
| 76/ 75 | | | | .2 | .2 | .2 | .3 | .1 | .3 | .7 | .4 | | | | | | | 23 | 23 | 30 | |
| 74/ 73 | | .1 | .2 | .3 | .1 | | .2 | .8 | .4 | .3 | .1 | | | | | | | 24 | 24 | 100 | |
| 72/ 71 | .1 | .2 | .6 | .7 | .1 | | .1 | .7 | .1 | | | | | | | | | 23 | 23 | 183 | 8 |
| 70/ 69 | | .3 | 1.0 | .4 | .3 | | .1 | .6 | .3 | | | | | | | | | 28 | 28 | 148 | 25 |
| 68/ 67 | .4 | .1 | .7 | .3 | .3 | .1 | .2 | .4 | | | | | | | | | | 24 | 24 | 121 | 53 |
| 66/ 65 | .2 | .2 | .6 | .4 | .2 | .1 | .2 | | | | | | | | | | | 18 | 18 | 81 | 74 |
| 64/ 63 | | .1 | .1 | .3 | | | | | | | | | | | | | | 5 | 5 | 61 | 102 |
| 62/ 61 | | .1 | .1 | .4 | .2 | | | | | | | | | | | | | 8 | 8 | 47 | 112 |
| 60/ 59 | | .2 | .3 | .1 | .1 | | | | | | | | | | | | | 7 | 7 | 38 | 96 |
| 58/ 57 | | .6 | .7 | | | | | | | | | | | | | | | 11 | 11 | 36 | 77 |
| 56/ 55 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 32 | 56 |
| 54/ 53 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 13 | 65 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 4 | 58 |
| 50/ 49 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 35 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 39 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 29 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 17 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 20 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 16 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 7 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 5 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | .8 | 2.7 | 4.4 | 3.7 | 3.2 | 4.4 | 4.0 | 8.4 | 7.4 | 12.2 | 13.6 | 10.0 | 7.2 | 7.9 | 4.6 | 1.9 | 3.6 | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1966108 | 38532 | 42.8 | 18.761 | 900 | | | | | | | |
| Dry Bulb | 6565577 | 76293 | 84.8 | 10.452 | 900 | | | 84.3 | 76.8 | 65.3 | 23.0 | 90 |
| Wet Bulb | 4107968 | 60602 | 67.3 | 5.510 | 900 | | | 58.5 | 13.3 | | | 90 |
| Dew Point | 3010075 | 51557 | 57.3 | 7.935 | 900 | | | 8.6 | | | | 90 |

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

9477 5432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | SEP MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 100/ 99 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | | | | | .2 | .2 | | .1 | 5 | 5 | | |
| 96/ 95 | | | | | | | | | | | | .2 | .2 | .9 | .3 | | | 15 | 15 | | |
| 94/ 93 | | | | | | | | | | .2 | .1 | .7 | 1.0 | .4 | .1 | | .1 | 24 | 24 | | |
| 92/ 91 | | | | | | | | | .1 | .7 | .7 | 1.0 | .9 | .6 | .1 | .4 | | 40 | 40 | | |
| 90/ 89 | | | | | | | | .1 | .4 | .9 | 2.0 | 1.9 | .3 | .2 | .2 | .3 | | 58 | 58 | | |
| 88/ 87 | | | | | | | | .3 | .9 | 2.8 | 1.7 | .8 | .7 | .3 | | .1 | | 68 | 68 | | |
| 86/ 85 | | | | | | .1 | .3 | .2 | 3.3 | 2.7 | .8 | .9 | .1 | .1 | | | | 77 | 77 | | |
| 84/ 83 | | | | | | | .9 | 2.9 | 2.2 | .2 | .7 | .6 | .6 | .6 | .1 | | | 76 | 76 | | |
| 82/ 81 | | | | | .3 | .9 | 1.7 | 1.9 | 1.4 | 1.3 | .4 | .2 | .1 | .1 | | | | 76 | 76 | | |
| 80/ 79 | | | | | .8 | 1.2 | 1.6 | 1.8 | .4 | .7 | .7 | .3 | .2 | | | | | 69 | 69 | | |
| 78/ 77 | | | .1 | .6 | .7 | 1.6 | .6 | .8 | .7 | .8 | .3 | | | | | | | 54 | 54 | | |
| 76/ 75 | | | .4 | 1.0 | 1.6 | .9 | .7 | .6 | 1.0 | .2 | .1 | .3 | | | | | | 61 | 61 | 6 | |
| 74/ 73 | | | .8 | 1.1 | .6 | .6 | .4 | .2 | 1.0 | .4 | .3 | | | | | | | 49 | 49 | 29 | |
| 72/ 71 | .2 | .1 | .8 | 1.0 | .6 | .6 | .2 | .9 | .1 | | .1 | | | | | | | 41 | 41 | 103 | 7 |
| 70/ 69 | .3 | .7 | .9 | .8 | .3 | .2 | .7 | .7 | .3 | | | | | | | | | 44 | 44 | 179 | 21 |
| 68/ 67 | .6 | .7 | 1.2 | .4 | .4 | .8 | .4 | .1 | .1 | .1 | | | | | | | | 44 | 44 | 156 | 50 |
| 66/ 65 | .1 | .3 | .8 | .6 | .9 | .4 | .6 | .2 | | | | | | | | | | 35 | 35 | 95 | 60 |
| 64/ 63 | | | | .7 | .2 | .2 | | | | | | | | | | | | 10 | 10 | 75 | 93 |
| 62/ 61 | | .2 | | .6 | .1 | | .1 | | | | | | | | | | | 9 | 9 | 64 | 123 |
| 60/ 59 | | .1 | 1.3 | .2 | .2 | | | | | | | | | | | | | 17 | 17 | 49 | 101 |
| 58/ 57 | | .4 | .6 | .3 | | | | | | | | | | | | | | 12 | 12 | 63 | 82 |
| 56/ 55 | | .1 | .3 | | | | | | | | | | | | | | | 4 | 4 | 35 | 68 |
| 54/ 53 | | .7 | .1 | | | | | | | | | | | | | | | 7 | 7 | 29 | 48 |
| 52/ 51 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 12 | 60 |
| 50/ 49 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 5 | 42 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 50 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 30 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 15 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 16 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 13 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 8 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| ≥ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.2 | 3.7 | 7.4 | 7.2 | 6.7 | 7.4 | 8.1 | 10.7 | 12.0 | 10.9 | 7.9 | 6.9 | 4.1 | 3.4 | 1.1 | .9 | .3 | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| 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. | 2636002 | 45514 | 50.6 | 19.284 | 900 | | | | | | | |
| Dry Bulb | 5681570 | 70992 | 78.9 | 9.534 | 900 | | | 80.2 | 67.3 | 47.8 | 4.5 | 90 |
| Wet Bulb | 3862863 | 58749 | 65.3 | 5.573 | 900 | | | 47.3 | 3.5 | | | 90 |
| Dew Point | 2977432 | 51276 | 57.0 | 7.897 | 900 | | .1 | 7.8 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 73-82 SEP
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 |
| 92/ 91 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | | | | .2 | | | .1 | | | | 3 | 3 | | |
| 88/ 87 | | | | | | | | .1 | .2 | .4 | .6 | | .1 | | | | | 13 | 13 | | |
| 86/ 85 | | | | | | .1 | .2 | .3 | .4 | .6 | .4 | | | | | | | 26 | 26 | | |
| 84/ 83 | | | | | | .1 | .6 | 1.6 | 1.3 | 1.6 | .4 | | .2 | | | | | 52 | 52 | | |
| 82/ 81 | | | | | .1 | .4 | 1.8 | 2.2 | 1.3 | .4 | .3 | .1 | | | | | | 61 | 61 | | |
| 80/ 79 | | | | | .1 | 2.1 | 2.7 | 1.6 | .9 | .3 | .4 | .2 | .1 | | | | | 78 | 78 | | |
| 78/ 77 | | | | .2 | 1.8 | 3.0 | 3.6 | .8 | 1.1 | .8 | .1 | .2 | | | | | | 104 | 104 | | |
| 76/ 75 | | | .3 | .8 | 1.4 | 1.8 | 1.1 | 1.3 | .7 | .6 | .2 | | | | | | | 76 | 76 | 2 | |
| 74/ 73 | | | .9 | 2.2 | 2.3 | 1.8 | .7 | .3 | .2 | .2 | .3 | | | | | | | 81 | 81 | 5 | |
| 72/ 71 | .1 | .4 | 1.3 | 1.8 | 1.1 | 1.0 | .7 | .3 | .7 | .2 | .1 | | | | | | | 70 | 70 | 43 | 3 |
| 70/ 69 | .3 | .4 | 2.6 | .7 | 2.0 | .4 | .2 | .4 | .2 | .1 | | | | | | | | 67 | 67 | 132 | 15 |
| 68/ 67 | 1.0 | .8 | 2.0 | 1.0 | .6 | .4 | 1.1 | | .1 | | | | | | | | | 63 | 63 | 160 | 57 |
| 66/ 65 | .3 | .6 | 1.8 | 1.1 | .6 | 1.0 | .7 | | .3 | | | | | | | | | 57 | 57 | 129 | 79 |
| 64/ 63 | | .4 | .6 | .9 | 1.3 | .8 | .1 | | .2 | | | | | | | | | 39 | 39 | 105 | 103 |
| 62/ 61 | | .6 | .2 | 1.6 | .3 | .6 | .2 | | | | | | | | | | | 31 | 31 | 68 | 105 |
| 60/ 59 | | .6 | .8 | .4 | .2 | .1 | .2 | | | | | | | | | | | 21 | 21 | 54 | 120 |
| 58/ 57 | | .4 | .4 | 1.0 | .2 | | | | | | | | | | | | | 19 | 19 | 42 | 75 |
| 56/ 55 | | .3 | .3 | .2 | | | | | | | | | | | | | | 8 | 8 | 74 | 64 |
| 54/ 53 | | 1.2 | .2 | | | | | | | | | | | | | | | 13 | 13 | 31 | 42 |
| 52/ 51 | .1 | .8 | .3 | | | | | | | | | | | | | | | 11 | 11 | 30 | 54 |
| 50/ 49 | .3 | .2 | .1 | | | | | | | | | | | | | | | 6 | 6 | 22 | 57 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 3 | 45 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 30 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 18 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 9 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 9 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 5 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 6 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.2 | 6.8 | 11.9 | 11.9 | 12.3 | 13.7 | 14.0 | 9.6 | 7.8 | 5.4 | 3.2 | .6 | .6 | .1 | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3669800 | 55230 | 61.4 | 17.575 | 900 | | | | | | | |
| Dry Bulb | 4812233 | 65387 | 72.7 | 8.286 | 900 | | | 69.5 | 49.5 | 19.7 | | 90 |
| Wet Bulb | 3641570 | 57004 | 63.3 | 5.878 | 900 | | | 34.2 | .7 | | | 90 |
| Dew Point | 3019095 | 51689 | 57.4 | 7.493 | 900 | | .1 | 7.5 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (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 |
| 106/ 105 | | | | | | | | | | | | | | | | | .0 | 2 | 2 | | |
| 104/ 103 | | | | | | | | | | | | | | | | .0 | .1 | 8 | 8 | | |
| 102/ 101 | | | | | | | | | | | | | | .0 | .0 | .0 | .1 | 16 | 16 | | |
| 100/ 99 | | | | | | | | | | | | | .1 | .1 | .2 | .1 | .0 | 36 | 36 | | |
| 98/ 97 | | | | | | | | | | | | .1 | .2 | .3 | .2 | .0 | .2 | 76 | 76 | | |
| 96/ 95 | | | | | | | | | | .1 | .1 | .4 | .5 | .4 | .1 | .1 | .2 | 139 | 139 | | |
| 94/ 93 | | | | | | | | | | .2 | .5 | .6 | .5 | .4 | .2 | .1 | .1 | 180 | 180 | | |
| 92/ 91 | | | | | | | | .0 | .1 | .4 | .9 | .5 | .4 | .2 | .1 | .1 | | 202 | 202 | | |
| 90/ 89 | | | | | | | | .2 | .6 | .9 | .9 | .5 | .2 | .3 | .0 | .0 | | 270 | 270 | | |
| 88/ 87 | | | | | | | .1 | .6 | .8 | 1.3 | .6 | .3 | .2 | .2 | .0 | .0 | | 291 | 291 | | |
| 86/ 85 | | | | | | .2 | .5 | .7 | 1.3 | 1.0 | .5 | .3 | .1 | .1 | .0 | | | 337 | 337 | | |
| 84/ 83 | | | | | .1 | .4 | .9 | 1.4 | .9 | .5 | .4 | .2 | .2 | .1 | .0 | | | 357 | 357 | | |
| 82/ 81 | | | | .0 | .3 | .6 | 1.1 | 1.2 | .8 | .5 | .3 | .1 | .0 | .0 | | | | 361 | 361 | | |
| 80/ 79 | | | | .1 | .7 | 1.6 | 1.4 | 1.2 | .4 | .4 | .3 | .2 | .1 | | | | | 451 | 451 | | |
| 78/ 77 | | | .0 | .4 | 1.6 | 1.9 | 1.2 | .7 | .5 | .4 | .3 | .2 | | | | | | 508 | 508 | 5 | |
| 76/ 75 | | | .4 | 1.2 | 2.2 | 1.0 | .8 | .4 | .5 | .3 | .2 | .0 | | | | | | 509 | 509 | 113 | |
| 74/ 73 | | .1 | 1.0 | 1.7 | 1.3 | 1.0 | .4 | .5 | .4 | .2 | .1 | | | | | | | 486 | 486 | 358 | 3 |
| 72/ 71 | .1 | .3 | 1.6 | 1.8 | .9 | .8 | .4 | .6 | .3 | .1 | .0 | | | | | | | 500 | 500 | 771 | 45 |
| 70/ 69 | .1 | .7 | 2.4 | 1.3 | 1.1 | .3 | .5 | .4 | .2 | .0 | | | | | | | | 508 | 508 | 1036 | 217 |
| 68/ 67 | .6 | .7 | 2.1 | .6 | .6 | .4 | .5 | .3 | .1 | .0 | | | | | | | | 423 | 423 | 1061 | 567 |
| 66/ 65 | .6 | .7 | 1.6 | .9 | .6 | .5 | .6 | .0 | .1 | | | | | | | | | 405 | 405 | 889 | 794 |
| 64/ 63 | .1 | .8 | .7 | .7 | .5 | .4 | .2 | .1 | .0 | | | | | | | | | 243 | 243 | 687 | 877 |
| 62/ 61 | .1 | .6 | .6 | .8 | .5 | .2 | .1 | .0 | | | | | | | | | | 209 | 209 | 505 | 843 |
| 60/ 59 | | .5 | .8 | .6 | .4 | .1 | .0 | | | | | | | | | | | 181 | 181 | 380 | 774 |
| 58/ 57 | | .5 | .8 | .6 | .2 | .1 | .0 | | | | | | | | | | | 157 | 157 | 377 | 526 |
| 56/ 55 | | .5 | .5 | .4 | .1 | .0 | | | | | | | | | | | | 104 | 104 | 358 | 468 |
| 54/ 53 | | .7 | .3 | .1 | .0 | .0 | | | | | | | | | | | | 85 | 85 | 242 | 362 |
| 52/ 51 | .2 | .5 | .3 | .0 | | .0 | | | | | | | | | | | | 73 | 73 | 199 | 394 |
| 50/ 49 | .2 | .5 | .1 | .0 | .0 | | | | | | | | | | | | | 60 | 60 | 130 | 338 |
| 48/ 47 | .1 | .1 | | .0 | | | | | | | | | | | | | | 13 | 13 | 60 | 330 |
| 46/ 45 | | .1 | | | | | | | | | | | | | | | | 8 | 8 | 14 | 238 |
| 44/ 43 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 14 | 168 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 99 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 69 |

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

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) SEP (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 | | | | | |
| 34/ 37 | | | | | | | | | | | | | | | | | | | | | | 31 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 32 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 22 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.9 | 7.4 | 13.4 | 11.4 | 11.1 | 9.5 | 8.7 | 8.3 | 6.9 | 6.2 | 5.1 | 3.4 | 2.4 | 2.1 | 1.0 | .5 | .7 | | 7200 | 7200 | 7200 | 7200 |
| | | | | | | | | | | | | | | | | | | 7200 | | | | |

| Element (X) | $\Sigma_R$' | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 28245616 | 426870 | 59.3 | 20.200 | 7200 | | | | | | | |
| Dry Bulb | 41608668 | 541612 | 75.2 | 10.971 | 7200 | | | 566.0 | 422.9 | 250.9 | 45.7 | 720 |
| Wet Bulb | 30302235 | 464775 | 64.6 | 6.456 | 7200 | | | 334.4 | 47.6 | | | 720 |
| Dew Point | 24781864 | 418770 | 58.2 | 7.685 | 7200 | | .3 | 83.2 | .3 | | | 720 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | | | | .1 | .1 | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | .1 | .2 | | | | .3 | | | | | | | 6 | 6 | | |
| 78/ 77 | | | | | | .2 | .1 | .1 | | .1 | | | | | | | | 5 | 5 | | |
| 76/ 75 | | | .1 | .2 | 1.0 | 1.0 | .2 | .4 | .2 | .1 | | | | | | | | 30 | 30 | | |
| 74/ 73 | | | .2 | 1.2 | 1.2 | 1.0 | .4 | .2 | | .1 | .1 | .1 | | | | | | 42 | 42 | | |
| 72/ 71 | .2 | .3 | .3 | .8 | 1.0 | 1.3 | .8 | .1 | .2 | .2 | .2 | | | | | | | 50 | 50 | 5 | 2 |
| 70/ 69 | .1 | .6 | .2 | .3 | 2.0 | .8 | .5 | .3 | .1 | .1 | | | | | | | | 48 | 48 | 14 | 5 |
| 68/ 67 | .3 | .3 | .9 | 1.3 | 1.9 | .9 | 1.1 | .3 | .2 | | | | | | | | | 67 | 67 | 35 | 11 |
| 66/ 65 | .5 | .9 | 1.4 | 1.6 | 1.7 | 1.0 | 1.0 | .9 | .1 | | | | | | | | | 84 | 84 | 49 | 28 |
| 64/ 63 | | .4 | 1.0 | 1.4 | 1.5 | .4 | .4 | .2 | .1 | | | | | | | | | 51 | 51 | 39 | 24 |
| 62/ 61 | .2 | 1.3 | 1.0 | 1.2 | 1.2 | 1.1 | .3 | .2 | .3 | | | | | | | | | 65 | 65 | 83 | 35 |
| 60/ 59 | | 1.4 | .6 | 1.5 | 2.2 | .9 | .9 | .6 | .1 | | | | | | | | | 76 | 76 | 65 | 53 |
| 58/ 57 | | 1.3 | 1.4 | 1.3 | 1.1 | .5 | .1 | .1 | .1 | | | | | | | | | 55 | 55 | 76 | 57 |
| 56/ 55 | .4 | 2.2 | 2.2 | 1.0 | .6 | .5 | .3 | .3 | .1 | | | | | | | | | 71 | 71 | 71 | 74 |
| 54/ 53 | .3 | 2.5 | 1.5 | 1.5 | .8 | .6 | .4 | .1 | | | | | | | | | | 72 | 72 | 82 | 69 |
| 52/ 51 | .2 | .5 | 1.6 | 1.1 | .5 | 1.1 | .2 | | | | | | | | | | | 49 | 49 | 91 | 60 |
| 50/ 49 | | .6 | 1.5 | .5 | 1.1 | 1.0 | | | | | | | | | | | | 44 | 44 | 66 | 53 |
| 48/ 47 | .3 | .1 | .9 | .1 | .8 | .1 | | | | | | | | | | | | 21 | 21 | 54 | 62 |
| 46/ 45 | | 1.1 | .6 | .2 | .2 | .1 | | | | | | | | | | | | 21 | 21 | 39 | 86 |
| 44/ 43 | | 1.5 | 1.1 | .1 | .1 | .2 | | | | | | | | | | | | 26 | 28 | 43 | 42 |
| 42/ 41 | | 1.1 | .1 | .2 | .2 | | | | | | | | | | | | | 15 | 15 | 45 | 43 |
| 40/ 39 | | .6 | | .2 | | | | | | | | | | | | | | 8 | 8 | 38 | 46 |
| 38/ 37 | | .3 | | .6 | | | | | | | | | | | | | | 9 | 9 | 10 | 43 |
| 36/ 35 | | .3 | .3 | .1 | | | | | | | | | | | | | | 7 | 7 | 5 | 21 |
| 34/ 33 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 10 | 23 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 8 | 32 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 2 | 19 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 8 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 16 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 8 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 6 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 2. | 71 | 7.5 | 17.0 | 16.5 | 19.0 | 12.7 | 7.2 | 4.0 | 1.7 | .9 | .6 | .1 | | | | | 930 | 930 | 930 |

| 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. | 4501570 | 62572 | 67.3 | 17.717 | 930 | | | | | | | |
| Dry Bulb | 3419986 | 55682 | 59.9 | 9.629 | 930 | | | 25.2 | 8.7 | .8 | | 93 |
| Wet Bulb | 2735062 | 49794 | 53.5 | 8.618 | 930 | | 1.0 | 5.4 | | | | 93 |
| Dew Point | 2252216 | 44678 | 48.0 | 10.674 | 930 | | 9.3 | 1.8 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92/ 81 | | | | | | | | | .1 | | | | | | | | | 3 | 3 | | |
| 86/ 79 | | | | | | | | | | .1 | | .1 | | | | | | 2 | 2 | | |
| 79/ 77 | | | | | | .1 | | | | .1 | .1 | | | | | | | 3 | 3 | | |
| 74/ 75 | | | | | .6 | | | | .1 | .1 | .1 | | | | | | | 9 | 9 | | |
| 74/ 73 | | .1 | .3 | 1.0 | 1.0 | .1 | | .1 | .2 | | .2 | | | | | | | 28 | 28 | | |
| 72/ 71 | | .1 | 1.4 | 1.0 | 1.1 | .3 | .2 | .1 | | .2 | | | | | | | | 41 | 41 | 1 | |
| 70/ 69 | .1 | .5 | 1.0 | 1.0 | .9 | .4 | .2 | .1 | .3 | .2 | | | | | | | | 44 | 44 | 8 | 5 |
| 68/ 67 | .6 | .4 | 1.5 | 1.2 | 1.4 | 1.0 | .5 | | | | | | | | | | | 62 | 62 | 48 | 17 |
| 66/ 65 | .3 | .3 | 2.8 | 1.3 | 1.0 | .5 | 1.0 | .4 | | .1 | | | | | | | | 72 | 72 | 31 | 22 |
| 64/ 63 | .4 | 1.5 | 1.1 | 1.6 | 1.5 | .9 | .4 | .1 | .1 | | | | | | | | | 71 | 71 | 43 | 36 |
| 62/ 61 | .1 | .4 | 1.3 | 1.6 | 2.3 | .4 | .4 | .1 | | | | | | | | | | 62 | 62 | 67 | 31 |
| 60/ 59 | | 2.8 | 1.6 | 1.7 | 1.3 | .2 | .3 | .1 | | | | | | | | | | 79 | 79 | 71 | 57 |
| 58/ 57 | | 1.2 | 1.0 | 1.4 | 1.0 | .6 | .2 | .1 | | | | | | | | | | 51 | 51 | 70 | 59 |
| 56/ 55 | .1 | 2.5 | 1.9 | 1.5 | 1.0 | .5 | .3 | .1 | | | | | | | | | | 76 | 76 | 76 | 59 |
| 54/ 53 | .4 | 1.1 | 1.0 | 1.6 | .4 | .5 | .5 | | | | | | | | | | | 52 | 52 | 79 | 58 |
| 52/ 51 | .5 | 1.5 | 1.7 | 1.1 | 1.0 | .4 | .1 | .1 | | | | | | | | | | 60 | 60 | 77 | 56 |
| 50/ 49 | | 1.7 | 2.6 | .9 | 1.0 | 1.0 | .1 | | | | | | | | | | | 67 | 67 | 57 | 69 |
| 48/ 47 | | .8 | .6 | .4 | .9 | .4 | | | | | | | | | | | | 29 | 29 | 70 | 63 |
| 46/ 45 | .3 | 1.2 | .6 | .2 | .9 | .1 | | | | | | | | | | | | 31 | 31 | 48 | 72 |
| 44/ 43 | | 1.1 | .8 | .5 | | | | | | | | | | | | | | 22 | 22 | 37 | 47 |
| 42/ 41 | | 1.5 | .5 | .1 | .2 | | | | | | | | | | | | | 22 | 22 | 43 | 45 |
| 40/ 39 | .1 | 1.4 | | .6 | .2 | | | | | | | | | | | | | 22 | 22 | 50 | 43 |
| 38/ 37 | .1 | .6 | | .1 | | | | | | | | | | | | | | 8 | 8 | 21 | 45 |
| 36/ 35 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 10 | 27 |
| 34/ 33 | | .2 | .8 | | | | | | | | | | | | | | | 9 | 9 | 7 | 28 |
| 32/ 31 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 8 | 27 |
| 30/ 29 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 17 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 12 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 13 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 9 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 6 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 6 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) OCT (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 | | | | | |
| TOTAL | 3. | 221. | 322. | 618. | 917. | 4 7. | 6 4. | 8 1. | 6 1. | 1 .9 | .4 | .1 | | | | | | | 930 | 930 | 930 | 930 |

| 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. | 4958961 | 66059 | 71.0 | 16.944 | 930 | | | | | | | |
| Dry Bulb | 3215225 | 53949 | 58.0 | 9.602 | 930 | | .2 | 19.2 | 4.5 | .3 | | 93 |
| Wet Bulb | 2652366 | 48966 | 52.7 | 8.939 | 930 | | 1.6 | 5.7 | | | | 93 |
| Dew Point | 2242209 | 44529 | 47.9 | 10.888 | 930 | | 9.1 | 2.2 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82/ 81 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | | .1 | .1 | | | | | | | | | | 2 | 2 | | |
| 78/ 77 | | | | | | | .2 | | | .1 | .1 | | | | | | | 4 | 4 | | |
| 76/ 75 | | | | .1 | .4 | | | | .1 | .1 | | | | | | | | 7 | 7 | | |
| 74/ 73 | | | .3 | 1.3 | .3 | | .1 | .1 | .2 | .1 | | | | | | | | 23 | 23 | | |
| 72/ 71 | | .6 | 1.5 | 1.1 | .3 | .2 | .3 | .3 | .1 | .1 | | | | | | | | 42 | 42 | 2 | |
| 70/ 69 | .1 | .6 | 2.0 | 1.2 | .3 | .2 | .3 | | .1 | | | | | | | | | 46 | 46 | 15 | 8 |
| 68/ 67 | .3 | .5 | 1.5 | 1.5 | .9 | .3 | .1 | | | .1 | | | | | | | | 49 | 49 | 49 | 16 |
| 66/ 65 | .3 | | 2.0 | 1.8 | 1.4 | .9 | .3 | .3 | | | | | | | | | | 65 | 65 | 30 | 43 |
| 64/ 63 | .2 | 1.5 | 1.4 | 2.2 | 1.3 | .8 | .2 | .4 | | | | | | | | | | 74 | 74 | 40 | 20 |
| 62/ 61 | .1 | 1.7 | 2.3 | 1.2 | 1.2 | .5 | .4 | | | | | | | | | | | 67 | 67 | 56 | 36 |
| 60/ 59 | | 3.4 | 1.6 | 1.9 | 1.4 | 1.0 | | .1 | | | | | | | | | | 88 | 88 | 75 | 47 |
| 58/ 57 | | 1.9 | 1.7 | 1.7 | .9 | .3 | .3 | .1 | | | | | | | | | | 65 | 65 | 100 | 75 |
| 56/ 55 | .2 | 1.9 | 1.6 | 1.0 | .4 | .3 | .3 | .3 | | | | | | | | | | 57 | 57 | 61 | 74 |
| 54/ 53 | .2 | 1.1 | 1.6 | 1.6 | .9 | .4 | .1 | | | | | | | | | | | 55 | 55 | 71 | 48 |
| 52/ 51 | .8 | 2.3 | 1.9 | .8 | .6 | .1 | .5 | | | | | | | | | | | 65 | 65 | 70 | 58 |
| 50/ 49 | | 1.3 | 2.0 | 1.1 | .9 | .3 | .1 | | | | | | | | | | | 53 | 53 | 69 | 67 |
| 48/ 47 | .1 | 1.6 | 1.7 | .6 | .5 | .1 | .1 | | | | | | | | | | | 45 | 45 | 56 | 72 |
| 46/ 45 | .2 | 1.0 | .5 | 1.0 | 1.1 | .1 | | | | | | | | | | | | 36 | 36 | 61 | 56 |
| 44/ 43 | | 1.1 | .2 | .5 | .1 | | | | | | | | | | | | | 18 | 18 | 37 | 58 |
| 42/ 41 | .1 | .5 | .5 | .5 | .2 | | | | | | | | | | | | | 18 | 18 | 34 | 40 |
| 40/ 39 | | 1.1 | .6 | .3 | | | | | | | | | | | | | | 19 | 19 | 32 | 43 |
| 38/ 37 | .1 | 1.3 | | | .1 | | | | | | | | | | | | | 14 | 14 | 36 | 23 |
| 36/ 35 | .2 | .2 | .3 | .3 | | | | | | | | | | | | | | 10 | 10 | 19 | 33 |
| 34/ 33 | | .1 | .3 | .1 | | | | | | | | | | | | | | 5 | 5 | 3 | 26 |
| 32/ 31 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 31 |
| 30/ 29 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 19 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 11 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 11 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 5 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 5 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 3.0 | 24.1 | 25.9 | 21.8 | 13.0 | 5.6 | 3.7 | 1.6 | .5 | .5 | .1 | .1 | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 5258961 | 68385 | 73.5 | 15.750 | 930 |
| Dry Bulb | 3171384 | 53586 | 57.6 | 9.497 | 930 |
| Wet Bulb | 2671916 | 49132 | 52.8 | 9.061 | 930 |
| Dew Point | 2306616 | 45210 | 48.6 | 10.823 | 930 |

Mean No. of Hours with Temperature

| Element (X) | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | .2 | 17.4 | 3.7 | .2 | | 93 |
| Wet Bulb | | 1.4 | 6.6 | | | | 93 |
| Dew Point | | 8.7 | 2.4 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722565 — STATION
DYESS AFB TX — STATION NAME
73-82 — YEARS
OCT — 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 | | | |
| 92/ 91 | | | | | | | | | | | | | | .2 | | | | 2 | 2 | | | |
| 90/ 89 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | | |
| 88/ 87 | | | | | | | | | | | | .2 | | .1 | | | | 3 | 3 | | | |
| 86/ 85 | | | | | | | | | .3 | .1 | .1 | | | | | | | 4 | 4 | | | |
| 84/ 83 | | | | | | | .3 | .3 | .1 | .3 | .1 | .1 | | .1 | | | | 12 | 12 | | | |
| 82/ 81 | | | | | | .5 | 1.0 | .6 | .9 | .6 | | .1 | | .2 | | | | 34 | 34 | | | |
| 80/ 79 | | | | .1 | .6 | 1.3 | .5 | 1.2 | .5 | .1 | .2 | .2 | .1 | | | | | 46 | 46 | | | |
| 78/ 77 | | | | .2 | 1.1 | 1.2 | 1.1 | .9 | .5 | | .3 | .1 | | | | | | 49 | 49 | | | |
| 76/ 75 | | | .2 | 1.0 | 2.0 | 1.0 | 1.1 | .6 | .9 | .3 | .5 | .2 | .1 | | | | | 74 | 74 | | | |
| 74/ 73 | | .2 | .3 | .4 | 1.1 | 1.0 | 1.1 | .9 | .5 | .5 | .2 | .1 | | | | | | 57 | 57 | 1 | | |
| 72/ 71 | | .4 | .2 | .9 | 1.3 | 1.6 | .8 | 1.3 | .6 | .3 | .2 | .2 | | | | | | 72 | 72 | 34 | | 6 |
| 70/ 69 | | | 1.0 | 1.1 | 1.5 | 1.2 | 1.2 | .3 | .5 | .5 | .3 | | | | | | | 75 | 75 | 48 | | 7 |
| 68/ 67 | | .1 | 1.3 | 1.4 | 1.7 | 1.2 | 1.2 | 1.7 | .4 | .2 | .1 | | | | | | | 80 | 80 | 53 | | 25 |
| 66/ 65 | .1 | .6 | 1.4 | .9 | 1.6 | 1.4 | .9 | .6 | .2 | .4 | | | | | | | | 75 | 75 | 71 | | 41 |
| 64/ 63 | .1 | .5 | 1.2 | .6 | .6 | 1.1 | .9 | .4 | .6 | .1 | | | | | | | | 58 | 58 | 87 | | 37 |
| 62/ 61 | | 1.1 | .9 | 1.1 | 1.2 | 1.4 | .8 | .4 | .4 | | | | | | | | | 67 | 67 | 86 | | 57 |
| 60/ 59 | | 1.6 | .4 | 1.0 | .9 | .5 | .6 | .6 | | | | | | | | | | 53 | 53 | 84 | | 70 |
| 58/ 57 | | .5 | .4 | .6 | .8 | .2 | .4 | .6 | | | | | | | | | | 34 | 34 | 81 | | 83 |
| 56/ 55 | | .4 | .9 | .6 | .6 | .4 | .5 | .1 | | | | | | | | | | 34 | 34 | 73 | | 62 |
| 54/ 53 | | .9 | .6 | .3 | .6 | .2 | .1 | | | | | | | | | | | 26 | 26 | 65 | | 60 |
| 52/ 51 | .1 | | .5 | .4 | .1 | .4 | .1 | | | | | | | | | | | 16 | 16 | 72 | | 58 |
| 50/ 49 | | .1 | .2 | .4 | .6 | .5 | | | | | | | | | | | | 18 | 18 | 42 | | 48 |
| 48/ 47 | | .8 | .2 | .3 | .2 | .1 | | | | | | | | | | | | 14 | 14 | 39 | | 63 |
| 46/ 45 | | .4 | | .3 | .2 | | | | | | | | | | | | | 9 | 9 | 34 | | 43 |
| 44/ 43 | | | .2 | .2 | | | | | | | | | | | | | | 4 | 4 | 22 | | 48 |
| 42/ 41 | | | .2 | .3 | | | | | | | | | | | | | | 5 | 5 | 12 | | 42 |
| 40/ 39 | | .6 | .1 | | | | | | | | | | | | | | | 7 | 7 | 11 | | 33 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 13 | | 24 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | | 29 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 24 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 21 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | 25 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 21 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-87 (YEARS) OCT (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 | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .3 | 8.4 | 10.3 | 12.2 | 16.9 | 15.3 | 12.2 | 10.1 | 6.2 | 3.7 | 2.2 | 1.3 | .2 | .6 | | .1 | .1 | | 930 | 930 | 930 | 930 |

| 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 |
| Ref. Hum. | 3477622 | 54300 | 58.4 | 18.185 | 930 | | | 51.0 | 28.3 | 8.0 | .1 | 93 |
| Dry Bulb | 4256787 | 62285 | 67.0 | 9.566 | 930 | | | 13.6 | .1 | | | 93 |
| Wet Bulb | 3161748 | 53702 | 57.7 | 8.088 | 930 | | | | | | | |
| Dew Point | 2481362 | 46984 | 50.5 | 10.768 | 930 | | 7.0 | 3.8 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) OCT (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 | | | | | |
| 102/101 | | | | | | | | | | | | | | | | | .2 | | 2 | 2 | | |
| 100/ 99 | | | | | | | | | | | | | | | | | .2 | | 2 | 2 | | |
| 98/ 97 | | | | | | | | | | | | | | | | .1 | .3 | | 4 | 4 | | |
| 96/ 95 | | | | | | | | | | | | | | | | .1 | .3 | | 4 | 4 | | |
| 94/ 93 | | | | | | | | | | | | | .1 | .1 | .1 | .1 | .1 | | 5 | 5 | | |
| 92/ 91 | | | | | | | | | | | .2 | .2 | .2 | .1 | | .1 | | | 8 | 8 | | |
| 90/ 89 | | | | | | | | | .3 | .3 | .8 | .6 | .2 | .2 | | .3 | | | 26 | 26 | | |
| 88/ 87 | | | | | | .1 | | .1 | .9 | .9 | 1.3 | .3 | .1 | | .1 | .1 | | | 36 | 36 | | |
| 86/ 85 | | | | | | .1 | .6 | 1.0 | 1.6 | 1.1 | .2 | .5 | .2 | | .3 | | | | 53 | 53 | | |
| 84/ 83 | | | | | .1 | .2 | .9 | 1.7 | 1.2 | 1.3 | 1.1 | .9 | .4 | | | | | | 65 | 65 | | |
| 82/ 81 | | | | | | .2 | .4 | .8 | 1.6 | .4 | 1.4 | .5 | .3 | .1 | | | | | 54 | 54 | | |
| 80/ 79 | | | | | .1 | .4 | 1.0 | 1.7 | 1.1 | 1.1 | 1.3 | .8 | .1 | .2 | | | | | 72 | 72 | 1 | |
| 78/ 77 | | | | | .3 | 1.2 | 1.1 | 1.3 | 1.4 | 1.3 | 1.2 | .3 | .9 | .2 | | | | | 85 | 85 | | |
| 76/ 75 | | | .1 | | .5 | 1.0 | .9 | 1.2 | 1.5 | .6 | .9 | .1 | .5 | .1 | | | | | 69 | 69 | 2 | 1 |
| 74/ 73 | | | .1 | .2 | .2 | .5 | .9 | 1.3 | .3 | .4 | .1 | .3 | .1 | | | | | | 42 | 42 | 15 | 1 |
| 72/ 71 | | .1 | .3 | .3 | .3 | 1.0 | 1.0 | 1.3 | .8 | 1.4 | .5 | .5 | | | | | | | 70 | 70 | 44 | 2 |
| 70/ 69 | .1 | | .6 | .6 | .9 | .2 | 1.0 | 1.0 | 1.6 | 1.1 | .4 | | | | | | | | 70 | 70 | 69 | 5 |
| 68/ 67 | .3 | .2 | .1 | .6 | .3 | .9 | 1.3 | .6 | .4 | .6 | .5 | | | | | | | | 56 | 56 | 82 | 20 |
| 66/ 65 | | .1 | 1.0 | 1.0 | .3 | .5 | 1.2 | .4 | .6 | .2 | | | | | | | | | 50 | 50 | 79 | 42 |
| 64/ 63 | | .3 | .4 | .5 | .1 | .1 | .9 | .2 | .4 | .1 | | | | | | | | | 29 | 29 | 77 | 29 |
| 62/ 61 | | 1.1 | | .3 | .2 | .5 | .2 | | .3 | | | | | | | | | | 25 | 25 | 114 | 55 |
| 60/ 59 | | .5 | .1 | | .3 | .5 | | .3 | .4 | | | | | | | | | | 21 | 21 | 97 | 71 |
| 58/ 57 | | .3 | .2 | .1 | .1 | .3 | .5 | .3 | | | | | | | | | | | 18 | 18 | 68 | 88 |
| 56/ 55 | | .8 | .8 | .1 | | .2 | .5 | .2 | | | | | | | | | | | 24 | 24 | 60 | 62 |
| 54/ 53 | | | .2 | .2 | .2 | .1 | .2 | .1 | | | | | | | | | | | 10 | 10 | 53 | 50 |
| 52/ 51 | | | .1 | | .1 | .2 | .3 | | | | | | | | | | | | 7 | 7 | 55 | 51 |
| 50/ 49 | | | .2 | | | .2 | | | | | | | | | | | | | 4 | 4 | 31 | 67 |
| 48/ 47 | | .5 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 13 | 49 |
| 46/ 45 | | .4 | | | .2 | | | | | | | | | | | | | | 6 | 6 | 27 | 42 |
| 44/ 43 | | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 13 | 43 |
| 42/ 41 | | .2 | .3 | | | | | | | | | | | | | | | | 5 | 5 | 8 | 52 |
| 40/ 39 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 6 | 40 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 6 | 27 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 30 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 | DYESS AFB TX | 73-82 | OCT
STATION | STATION NAME | YEARS | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 19 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 21 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 20 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 25 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 12 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 3 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .4 | 4.7 | 4.7 | 4.2 | 4.4 | 8.6 | 12.8 | 12.9 | 14.5 | 10.9 | 9.9 | 5.2 | 3.2 | 1.1 | .5 | .9 | 1.2 | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 2312113 | 42929 | 46.2 | 18.862 | 930 | | | | | | | |
| Dry Bulb | 5175974 | 68692 | 73.9 | 10.490 | 930 | | | 72.3 | 52.7 | 29.9 | 1.7 | 93 |
| Wet Bulb | 3409047 | 55849 | 60.1 | 7.706 | 930 | | | 21.3 | 1.8 | | | 93 |
| Dew Point | 2412749 | 46237 | 49.7 | 11.076 | 930 | | 8.4 | 2.9 | .2 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) OCT (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 |
| 104/ 103 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 102/ 99 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | |
| 98/ 97 | | | | | | | | | | | | | | | | | .6 | 6 | 6 | | |
| 96/ 95 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | |
| 94/ 93 | | | | | | | | | | | | | .1 | .1 | .3 | .2 | .1 | 8 | 8 | | |
| 92/ 91 | | | | | | | | | | .1 | .1 | .5 | .8 | .4 | .4 | .2 | .6 | 30 | 30 | | |
| 90/ 89 | | | | | | | | | .1 | 1.0 | .8 | 1.3 | .2 | .1 | | .1 | | 33 | 33 | | |
| 88/ 87 | | | | | | | | | .5 | 1.5 | 1.2 | 1.0 | .8 | .2 | | | | 51 | 51 | | |
| 86/ 85 | | | | | | | | .9 | 1.2 | 1.1 | .8 | 1.1 | .4 | .2 | | | | 52 | 52 | | |
| 84/ 83 | | | | | | | .4 | .5 | 1.1 | .9 | .9 | 1.3 | 1.1 | .2 | | | | 59 | 59 | | |
| 82/ 81 | | | | | | | .3 | .9 | 1.2 | 1.5 | 2.2 | 1.1 | .4 | .2 | | | | 72 | 72 | | |
| 80/ 79 | | | | | .1 | .4 | .4 | 1.0 | 1.3 | 1.0 | 1.7 | .8 | .4 | .4 | .2 | | | 72 | 72 | | |
| 78/ 77 | | | | .1 | .2 | .6 | .9 | .1 | 1.2 | 1.2 | 1.3 | .6 | .5 | .4 | | | | 67 | 67 | | |
| 76/ 75 | | | | .1 | .4 | .3 | .8 | 1.0 | 1.3 | 1.0 | .6 | .2 | .8 | .2 | | | | 62 | 62 | | |
| 74/ 73 | | | | | .2 | .5 | .6 | 1.3 | 1.1 | .6 | .6 | .4 | | .1 | | | | 52 | 52 | 5 | |
| 72/ 71 | | | | .3 | .3 | .4 | .8 | .8 | 1.3 | .5 | 1.2 | .5 | | | | | | 57 | 57 | 40 | |
| 70/ 69 | | | .5 | .2 | .8 | 1.1 | .6 | .6 | 1.6 | 1.1 | .4 | .2 | | | | | | 67 | 67 | 56 | 2 |
| 68/ 67 | .3 | | .2 | .4 | 1.0 | .1 | .8 | .9 | 1.0 | | .2 | | | | | | | 42 | 42 | 85 | 6 |
| 66/ 65 | | .2 | .3 | .8 | .3 | .1 | .1 | 1.3 | .5 | | .3 | | | | | | | 37 | 37 | 69 | 24 |
| 64/ 63 | .2 | .6 | | .3 | | .3 | .9 | .3 | .1 | .6 | | | | | | | | 31 | 31 | 91 | 39 |
| 62/ 61 | | .5 | .6 | | .1 | .5 | | .2 | .4 | | | | | | | | | 23 | 23 | 123 | 43 |
| 60/ 59 | .1 | .1 | .6 | | .4 | .1 | | .2 | .4 | | | | | | | | | 19 | 19 | 98 | 56 |
| 58/ 57 | .1 | .4 | .1 | .2 | | | 1.1 | | .3 | | | | | | | | | 21 | 21 | 85 | 70 |
| 56/ 55 | .2 | .6 | .4 | .2 | | .2 | .2 | | | | | | | | | | | 18 | 18 | 52 | 55 |
| 54/ 53 | .1 | .1 | .1 | .1 | .4 | .1 | .5 | | | | | | | | | | | 14 | 14 | 54 | 69 |
| 52/ 51 | | .4 | .1 | | | .1 | .1 | | | | | | | | | | | 7 | 7 | 79 | 53 |
| 50/ 49 | | .5 | .3 | | | .1 | | | | | | | | | | | | 9 | 9 | 17 | 57 |
| 48/ 47 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 21 | 74 |
| 46/ 45 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 29 | 58 |
| 44/ 43 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 5 | 48 |
| 42/ 41 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 11 | 43 |
| 40/ 39 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 48 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 3 | 46 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 36 |

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

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 20 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 22 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 9 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 18 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 20 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 8 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 4 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 4 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.1 | 4.8 | 3.5 | 2.8 | 4.4 | 5.2 | 8.4 | 9.6 | 14.6 | 12.4 | 12.3 | 9.0 | 5.5 | 2.7 | 1.0 | .5 | 2.3 | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 2033250 | 39480 | 42.5 | 19.610 | 930 | | | | | | | |
| Dry Bulb | 5349376 | 69786 | 75.0 | 11.015 | 930 | | | 73.8 | 57.2 | 35.9 | 2.2 | 93 |
| Wet Bulb | 3362464 | 55504 | 59.7 | 7.328 | 930 | | | 18.6 | .5 | | | 93 |
| Dew Point | 2254460 | 44682 | 48.0 | 10.767 | 930 | | 8.7 | .8 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) OCT (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96/ 95 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 92/ 89 | | | | | | | | | | | | | | | .1 | .1 | .1 | 3 | 3 | | |
| 88/ 87 | | | | | | | | | .1 | .2 | | | .1 | .1 | .3 | .1 | | 9 | 9 | | |
| 86/ 85 | | | | | | | | | .5 | .3 | .4 | .2 | | .3 | | | | 17 | 17 | | |
| 84/ 83 | | | | | | | .2 | .5 | .5 | .4 | .5 | .1 | .3 | .1 | .1 | | | 27 | 27 | | |
| 82/ 81 | | | | | | | .5 | .5 | .6 | .3 | .1 | .1 | | .2 | | | | 23 | 23 | | |
| 80/ 79 | | | | | .1 | .5 | .9 | 1.0 | .9 | .3 | .2 | .1 | .1 | .1 | | | | 39 | 39 | | |
| 78/ 77 | | | | .1 | .6 | .8 | 1.0 | 1.2 | .4 | .9 | .4 | .2 | .3 | | | | | 55 | 55 | | |
| 76/ 75 | | | | .4 | .4 | .3 | .6 | 1.5 | .6 | .8 | .5 | .4 | | | | | | 53 | 53 | | |
| 74/ 73 | | | .2 | .2 | .4 | 1.1 | .4 | 1.3 | .2 | .6 | .3 | .1 | | | | | | 43 | 43 | | |
| 72/ 71 | | | .3 | .1 | .3 | 1.9 | 1.6 | .6 | 1.0 | .4 | .4 | .2 | .1 | | | | | 66 | 66 | 9 | |
| 70/ 69 | .3 | | .6 | .8 | 1.2 | 1.2 | 1.2 | 1.6 | .6 | .1 | | .1 | | | | | | 72 | 72 | 40 | 4 |
| 68/ 67 | | .2 | .9 | .5 | 1.0 | 1.4 | 1.0 | 1.3 | .3 | .4 | .1 | .1 | | | | | | 66 | 66 | 45 | 8 |
| 66/ 65 | | .5 | .8 | 1.0 | 1.3 | 1.4 | 1.6 | 1.2 | .9 | .4 | .1 | | | | | | | 85 | 85 | 47 | 20 |
| 64/ 63 | .3 | .3 | .2 | 1.4 | 1.9 | 1.2 | 1.0 | .4 | .5 | .2 | .1 | | | | | | | 71 | 71 | 72 | 37 |
| 62/ 61 | | 1.0 | .8 | 1.3 | .9 | .9 | .5 | .5 | .4 | | .1 | | | | | | | 59 | 59 | 82 | 37 |
| 60/ 59 | .2 | 1.0 | .5 | .3 | 1.5 | .6 | .4 | .4 | .5 | .1 | | | | | | | | 53 | 53 | 93 | 48 |
| 58/ 57 | | 1.3 | .5 | .9 | .9 | .3 | .1 | .5 | .2 | .1 | | | | | | | | 47 | 47 | 104 | 63 |
| 56/ 55 | .5 | .4 | .8 | .3 | .4 | .4 | .3 | .1 | | | | | | | | | | 31 | 31 | 102 | 70 |
| 54/ 53 | .1 | .2 | .3 | .8 | .4 | .3 | .3 | .2 | .1 | | | | | | | | | 26 | 26 | 72 | 73 |
| 52/ 51 | | .2 | .9 | .6 | .3 | .6 | .3 | .2 | | | | | | | | | | 30 | 30 | 67 | 57 |
| 50/ 49 | | .6 | .8 | .2 | .3 | .2 | .2 | | | | | | | | | | | 21 | 21 | 39 | 70 |
| 48/ 47 | | .4 | .2 | .1 | .1 | .1 | | | | | | | | | | | | 9 | 9 | 50 | 50 |
| 46/ 45 | | | .1 | .4 | .1 | | | | | | | | | | | | | 6 | 6 | 38 | 74 |
| 44/ 43 | | | .1 | | .1 | | | | | | | | | | | | | 2 | 2 | 25 | 62 |
| 42/ 41 | | .6 | .3 | .1 | .2 | | | | | | | | | | | | | 12 | 12 | 16 | 38 |
| 40/ 39 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 15 | 47 |
| 38/ 37 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 30 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 30 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 2 | 24 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 20 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 17 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 14 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | OCT MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 11 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 6 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 4 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 11 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.5 | 7.2 | 8.2 | 9.6 | 12.6 | 13.2 | 12.3 | 13.1 | 8.6 | 5.7 | 3.4 | 1.7 | 1.0 | .9 | .5 | .2 | .3 | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 3097693 | 50469 | 54.3 | 19.654 | 930 | | | | | | | |
| Dry Bulb | 4254045 | 62197 | 66.9 | 10.081 | 930 | | | 47.5 | 27.1 | 9.7 | .2 | 93 |
| Wet Bulb | 3021484 | 52520 | 56.5 | 7.730 | 930 | | | 9.4 | | | | 93 |
| Dew Point | 2246421 | 44587 | 47.9 | 10.821 | 930 | | 8.8 | 1.2 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | OCT MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | | | | | | | | | | | .2 | .1 | | | | 3 | 3 | | |
| 84/ 83 | | | | | | | | | | | | .1 | .1 | | | | | 2 | 2 | | |
| 82/ 81 | | | | | | | | .5 | .1 | .1 | | .2 | | | | | | 9 | 9 | | |
| 80/ 79 | | | | | | .1 | .1 | .2 | .2 | | | .1 | .1 | | | | | 10 | 10 | | |
| 78/ 77 | | | | .1 | .2 | .5 | .8 | .5 | .2 | | | .1 | | | | | | 23 | 23 | | |
| 76/ 75 | | | | .9 | 1.4 | .8 | 1.5 | .1 | | .1 | .2 | .1 | | | | | | 47 | 47 | | |
| 74/ 73 | | | .5 | .4 | .1 | .9 | .6 | .6 | .2 | | .5 | .1 | | | | | | 38 | 38 | | |
| 72/ 71 | .2 | .1 | .3 | .4 | .6 | 2.0 | 1.4 | .3 | .1 | .1 | .3 | | | | | | | 56 | 56 | 5 | 2 |
| 70/ 69 | | .1 | .4 | .4 | 2.2 | 1.1 | 1.3 | .2 | .3 | .3 | | | | | | | | 59 | 59 | 21 | 2 |
| 68/ 67 | .2 | .1 | 1.3 | .8 | 1.3 | 1.1 | .9 | 1.2 | .1 | .1 | | | | | | | | 65 | 65 | 35 | 14 |
| 66/ 65 | .3 | .6 | 1.4 | 1.0 | 1.5 | .5 | 1.0 | .3 | .4 | | | | | | | | | 66 | 66 | 34 | 18 |
| 64/ 63 | | .5 | .6 | 1.7 | .6 | 2.3 | .9 | .2 | .2 | | | | | | | | | 66 | 66 | 60 | 31 |
| 62/ 61 | | 1.2 | .6 | 1.6 | 1.1 | 1.1 | .9 | .1 | .4 | | | | | | | | | 65 | 65 | 89 | 30 |
| 60/ 59 | .2 | 1.0 | 1.0 | 1.6 | 1.0 | 1.2 | .9 | .6 | .3 | | | | | | | | | 72 | 72 | 69 | 50 |
| 58/ 57 | | 2.3 | 1.3 | 1.3 | 1.1 | .5 | .2 | .5 | | | | | | | | | | 69 | 69 | 70 | 51 |
| 56/ 55 | .4 | 2.2 | 1.5 | 1.7 | 1.2 | .5 | .5 | .2 | | | | | | | | | | 77 | 77 | 92 | 90 |
| 54/ 53 | | .5 | 1.6 | 1.2 | .3 | .5 | .5 | .2 | .1 | | | | | | | | | 47 | 47 | 94 | 78 |
| 52/ 51 | .3 | .1 | .6 | .9 | .6 | .5 | .1 | .1 | | | | | | | | | | 31 | 31 | 70 | 55 |
| 50/ 49 | .2 | | 1.6 | .8 | 1.0 | .3 | .4 | | | | | | | | | | | 40 | 40 | 68 | 56 |
| 48/ 47 | .1 | .5 | 1.4 | .2 | .3 | .2 | .2 | | | | | | | | | | | 28 | 28 | 43 | 53 |
| 46/ 45 | | 1.0 | .8 | .5 | .2 | .2 | | | | | | | | | | | | 25 | 25 | 52 | 74 |
| 44/ 43 | | .2 | .5 | .2 | .1 | .1 | | | | | | | | | | | | 11 | 11 | 51 | 60 |
| 42/ 41 | | .4 | .2 | .1 | | | | | | | | | | | | | | 7 | 7 | 25 | 55 |
| 40/ 39 | | .1 | | .3 | | | | | | | | | | | | | | 4 | 4 | 24 | 33 |
| 38/ 37 | | .4 | .1 | .3 | | | | | | | | | | | | | | 8 | 8 | 11 | 36 |
| 36/ 35 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 8 | 25 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 5 | 24 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 4 | 33 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 14 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 14 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 15 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 5 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 4 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 7 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 1-/ 17 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.0 | 11.5 | 16.0 | 16.5 | 14.8 | 14.5 | 12.4 | 6.3 | 2.8 | .8 | 1.1 | .8 | .4 | .1 | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 4022823 | 58765 | 63.2 | 18.255 | 930 | | | | | | | |
| Dry Bulb | 3635421 | 57465 | 61.8 | 9.545 | 930 | | | 31.2 | 13.2 | 1.6 | | 93 |
| Wet Bulb | 2808376 | 50530 | 54.3 | 8.229 | 930 | | .4 | 6.1 | | | | 93 |
| Dew Point | 2242861 | 44595 | 48.0 | 10.604 | 930 | | 9.3 | 1.8 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

 ALL (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 104/103 | | | | | | | | | | | | | | | | | .0 | 2 | 2 | | | |
| 102/101 | | | | | | | | | | | | | | | | | .0 | 2 | 2 | | | |
| 100/ 99 | | | | | | | | | | | | | | | | | .1 | 5 | 5 | | | |
| 98/ 97 | | | | | | | | | | | | | | | | .0 | .1 | 10 | 10 | | | |
| 96/ 95 | | | | | | | | | | | | | | | | .0 | .1 | 9 | 9 | | | |
| 94/ 93 | | | | | | | | | | | | | .0 | .0 | .1 | .0 | .0 | 14 | 14 | | | |
| 92/ 91 | | | | | | | | | | .1 | .0 | .1 | .1 | .1 | .1 | .0 | .1 | 40 | 40 | | | |
| 90/ 89 | | | | | | | | | .1 | .2 | .2 | .2 | .1 | .0 | .0 | .1 | .0 | 63 | 63 | | | |
| 88/ 87 | | | | | | .0 | | .0 | .2 | .4 | .3 | .2 | .1 | .1 | .1 | .0 | | 99 | 99 | | | |
| 86/ 85 | | | | | | .0 | .1 | .2 | .4 | .3 | .2 | .2 | .1 | .1 | .0 | | | 130 | 130 | | | |
| 84/ 83 | | | | | .0 | .0 | .2 | .3 | .4 | .4 | .3 | .3 | .2 | .1 | .0 | | | 167 | 167 | | | |
| 82/ 81 | | | | | | .1 | .3 | .4 | .6 | .4 | .5 | .3 | .1 | .1 | | | | 197 | 197 | | | |
| 80/ 79 | | | | .0 | .1 | .4 | .4 | .6 | .5 | .3 | .5 | .3 | .1 | .1 | .0 | | | 249 | 249 | 1 | | |
| 78/ 77 | | | | .1 | .3 | .6 | .6 | .5 | .5 | .5 | .4 | .2 | .2 | .1 | | | | 291 | 291 | | | |
| 76/ 75 | | | .1 | .3 | .9 | .5 | .6 | .6 | .6 | .4 | .4 | .1 | .2 | .0 | | | | 351 | 351 | 2 | 1 | |
| 74/ 73 | | .0 | .3 | .6 | .6 | .6 | .5 | .7 | .3 | .3 | .3 | .1 | .0 | .0 | | | | 325 | 325 | 21 | 1 | |
| 72/ 71 | .1 | .2 | .6 | .6 | .7 | 1.1 | .8 | .6 | .5 | .4 | .4 | .2 | .0 | | | | | 454 | 454 | 140 | 12 | |
| 70/ 69 | .1 | .2 | .8 | .7 | 1.2 | .8 | .9 | .6 | .7 | .4 | .1 | .0 | | | | | | 481 | 481 | 271 | 38 | |
| 68/ 67 | .3 | .2 | .9 | 1.0 | 1.2 | .8 | .8 | .6 | .3 | .2 | .1 | .0 | | | | | | 487 | 487 | 432 | 117 | |
| 66/ 65 | .2 | .4 | 1.4 | 1.2 | 1.1 | .8 | .9 | .7 | .3 | .1 | .1 | | | | | | | 534 | 534 | 410 | 238 | |
| 64/ 63 | .2 | .7 | .7 | 1.2 | 1.0 | .9 | .7 | .3 | .3 | .1 | .0 | | | | | | | 451 | 451 | 509 | 253 | |
| 62/ 61 | .1 | 1.0 | .9 | 1.0 | 1.0 | .8 | .5 | .2 | .3 | | .0 | | | | | | | 433 | 433 | 7[illegible] | 324 | |
| 60/ 59 | .1 | 1.5 | .8 | 1.0 | 1.1 | .6 | .4 | .4 | .2 | .0 | | | | | | | | 461 | 461 | 652 | 452 | |
| 58/ 57 | .0 | 1.2 | .8 | .9 | .7 | .4 | .4 | .3 | .1 | .0 | | | | | | | | 360 | 360 | 654 | 546 | |
| 56/ 55 | .2 | 1.4 | 1.2 | .8 | .5 | .4 | .4 | .2 | .0 | | | | | | | | | 388 | 388 | 587 | 546 | |
| 54/ 53 | .1 | .8 | .9 | .9 | .5 | .4 | .3 | .1 | .0 | | | | | | | | | 302 | 302 | 580 | 505 | |
| 52/ 51 | .2 | .6 | .9 | .6 | .4 | .4 | .2 | .1 | | | | | | | | | | 265 | 265 | 581 | 448 | |
| 50/ 49 | .0 | .6 | 1.2 | .5 | .6 | .4 | .1 | | | | | | | | | | | 256 | 256 | 389 | 487 | |
| 48/ 47 | .1 | .6 | .6 | .2 | .4 | .1 | .0 | | | | | | | | | | | 153 | 153 | 346 | 486 | |
| 46/ 45 | .1 | .6 | .3 | .3 | .4 | .1 | | | | | | | | | | | | 135 | 135 | 328 | 505 | |
| 44/ 43 | | .5 | .4 | .2 | .1 | .0 | | | | | | | | | | | | 90 | 90 | 233 | 408 | |
| 42/ 41 | .0 | .6 | .3 | .2 | .1 | | | | | | | | | | | | | 89 | 89 | 194 | 358 | |
| 40/ 39 | .0 | .6 | .1 | .2 | .0 | | | | | | | | | | | | | 65 | 65 | 183 | 329 | |
| 38/ 37 | .0 | .3 | .0 | .1 | .0 | | | | | | | | | | | | | 40 | 40 | 110 | 274 | |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

 ALL (HOURS G.M.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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36/ 35 | .0 | .1 | .1 | .1 | | | | | | | | | | | | | | 22 | 22 | 46 | 231 |
| 34/ 33 | | .1 | .1 | .0 | | | | | | | | | | | | | | 16 | 16 | 27 | 188 |
| 32/ 31 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 26 | 207 |
| 30/ 29 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 16 | 140 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 2 | 123 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 101 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 44 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 32 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 37 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 5 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.8 | 12.4 | 13.5 | 12.8 | 12.8 | 10.3 | 9.2 | 7.4 | 6.3 | 4.4 | 3.8 | 2.3 | 1.3 | .7 | .3 | .2 | .5 | 7440 | 7440 | 7440 | 7440 |
| | | | | | | | | | | | | | | | | | | 7440 | 7440 | | |

| 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. | 29662993 | 442959 | 59.5 | 21.031 | 7440 | | | | | | | |
| Dry Bulb | 32478198 | 483642 | 65.0 | 11.817 | 7440 | | .4 | 337.6 | 195.4 | 86.4 | 4.2 | 744 |
| Wet Bulb | 23822463 | 415997 | 55.9 | 8.696 | 7440 | | 4.4 | 86.7 | 2.4 | | | 744 |
| Dew Point | 18438894 | 361502 | 48.6 | 10.838 | 7440 | | 69.3 | 16.9 | .2 | | | 744 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | NOV MONTH

PAGE 1 0400-0200 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. | TOTAL W.B. | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 71 | | | | | | | | | | | | .2 | | | | | | 2 | 2 | | | |
| 70/ 69 | | | .2 | .2 | .2 | | | .3 | | | .1 | | | | | | | 9 | 9 | | | |
| 68/ 67 | .1 | .3 | .3 | .7 | .2 | .1 | | .1 | | | | | | | | | | 17 | 17 | 3 | | 1 |
| 66/ 65 | | .2 | 1.3 | 2.2 | .9 | .2 | .3 | | | | | | | | | | | 47 | 47 | 6 | | 2 |
| 64/ 63 | | .1 | .7 | 1.2 | .8 | .2 | .2 | .1 | .1 | | | | | | | | | 31 | 31 | 6 | | 5 |
| 62/ 61 | | .9 | .8 | 1.6 | .8 | .6 | .3 | .2 | .2 | | | | | | | | | 46 | 48 | 25 | | 7 |
| 60/ 59 | | .9 | 1.4 | 1.0 | .7 | 1.3 | .1 | | | | | | | | | | | 49 | 49 | 36 | | 12 |
| 58/ 57 | .2 | .9 | 1.6 | 1.1 | .7 | 1.4 | | .2 | | | | | | | | | | 55 | 55 | 40 | | 43 |
| 56/ 55 | .1 | .7 | 1.4 | 1.0 | 1.2 | .3 | .1 | .3 | .1 | | | | | | | | | 48 | 48 | 51 | | 27 |
| 54/ 53 | | 1.3 | .6 | 1.3 | 1.3 | .6 | | .4 | | | | | | | | | | 50 | 50 | 45 | | 36 |
| 52/ 51 | | .9 | 1.1 | 1.2 | 1.1 | .7 | .2 | .2 | | | | | | | | | | 49 | 49 | 39 | | 43 |
| 50/ 49 | | 1.4 | 2.0 | 1.4 | .9 | .4 | .8 | .1 | | | | | | | | | | 64 | 64 | 56 | | 28 |
| 48/ 47 | | 1.8 | 1.1 | 2.0 | 1.0 | .9 | .3 | | | | | | | | | | | 64 | 64 | 64 | | 41 |
| 46/ 45 | | 2.1 | 1.2 | 1.4 | 1.4 | .2 | .1 | | | | | | | | | | | 59 | 59 | 53 | | 40 |
| 44/ 43 | | 1.8 | 3.4 | 1.2 | .9 | .1 | | | | | | | | | | | | 67 | 67 | 72 | | 38 |
| 42/ 41 | | .4 | 1.8 | 1.6 | | .2 | | | | | | | | | | | | 36 | 36 | 56 | | 61 |
| 40/ 39 | | .4 | 2.3 | 1.2 | .2 | | | | | | | | | | | | | 38 | 38 | 71 | | 61 |
| 38/ 37 | | 1.7 | 2.7 | .9 | .3 | | | | | | | | | | | | | 50 | 51 | 61 | | 37 |
| 36/ 35 | | 1.0 | 1.4 | 1.4 | .7 | | | | | | | | | | | | | 41 | 41 | 56 | | 56 |
| 34/ 33 | | .9 | .8 | .2 | | | | | | | | | | | | | | 17 | 17 | 49 | | 62 |
| 32/ 31 | | .1 | 1.6 | .3 | | | | | | | | | | | | | | 18 | 18 | 29 | | 56 |
| 30/ 29 | | .4 | .6 | .3 | .1 | | | | | | | | | | | | | 13 | 13 | 20 | | 50 |
| 28/ 27 | | .1 | .3 | .2 | .1 | | | | | | | | | | | | | 7 | 7 | 25 | | 38 |
| 26/ 25 | | .3 | .2 | .1 | | | | | | | | | | | | | | 6 | 6 | 10 | | 35 |
| 24/ 23 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 6 | | 20 |
| 22/ 21 | | .7 | .1 | .2 | | | | | | | | | | | | | | 9 | 9 | 10 | | 25 |
| 20/ 19 | | | .3 | | | | | | | | | | | | | | | 3 | | 5 | | 26 |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | | 1 | | 7 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | 2 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722565 DYESS AFB TX 73-82 NOV

STATION STATION NAME YEARS MONTH

PAGE 2 0000-0300

| 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 Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 1 |
| 3/ 1 | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ -1 | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .4 | 1.0 | .7 | 29.4 | 24.2 | 13.6 | 7.3 | 2.6 | 2.7 | .4 | | .1 | .2 | | | | | 900 | 900 | 900 |
| | | | | | | | | | | | | | | | | | | 900 | 900 | |

| 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. | 4328013 | 60739 | 67.5 | 15.956 | 900 | | 5.9 | 2.8 | | | | 90 |
| Dry Bulb | 2274131 | 44181 | 49.1 | 10.922 | 900 | | 11.1 | .3 | | | | 90 |
| Wet Bulb | 1836810 | 39610 | 44.0 | 10.200 | 900 | .2 | 30.0 | .1 | | | | 90 |
| Dew Point | 1441595 | 34249 | 38.1 | 12.402 | 900 | | | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 — STATION
DYESS AFB TX — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 1 — 0300-0500 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/ 69 | | | .2 | .2 | | | | .1 | | | | | | | | | | 5 | 5 | | |
| 69/ 67 | | .3 | .9 | .3 | .1 | | .1 | .1 | | | | | | | | | | 17 | 17 | 3 | |
| 67/ 65 | | .4 | 1.7 | .6 | | .1 | | | .1 | .1 | | | | | | | | 27 | 27 | 3 | 3 |
| 65/ 63 | | 1.0 | .6 | 1.3 | .2 | .3 | .2 | .2 | .1 | | | | | | | | | 36 | 36 | 16 | 7 |
| 63/ 61 | | 1.1 | 1.3 | 1.8 | .3 | .3 | | .3 | | | | | | | | | | 46 | 46 | 24 | 11 |
| 61/ 59 | | .6 | 1.1 | 1.4 | 1.1 | | .2 | .1 | | | | | | | | | | 41 | 41 | 28 | 25 |
| 59/ 57 | | .8 | 1.6 | .4 | .8 | .6 | | | | | | | | | | | | 37 | 37 | 27 | 18 |
| 57/ 55 | .1 | 1.3 | 2.8 | .2 | 1.3 | .2 | .3 | .4 | | | | | | | | | | 61 | 61 | 52 | 31 |
| 55/ 53 | | 1.2 | .8 | 1.8 | 1.3 | .3 | | | | | | | | | | | | 49 | 49 | 42 | 34 |
| 53/ 51 | | .8 | 1.6 | 1.0 | .7 | .9 | .1 | .1 | | | | | | | | | | 45 | 45 | 51 | 46 |
| 51/ 49 | | 2.1 | 2.0 | 1.6 | 1.3 | .6 | .4 | .1 | | | | | | | | | | 72 | 72 | 26 | 33 |
| 49/ 47 | | 2.2 | .6 | 2.7 | .9 | .2 | .3 | | | | | | | | | | | 61 | 61 | 86 | 33 |
| 47/ 45 | | 1.4 | 1.2 | 1.2 | 1.1 | .6 | .1 | | | | | | | | | | | 51 | 51 | 47 | 45 |
| 45/ 43 | | 2.1 | 2.1 | 1.1 | .6 | .3 | | | | | | | | | | | | 55 | 55 | 55 | 45 |
| 43/ 41 | | 1.4 | 2.4 | 1.1 | .3 | | | | | | | | | | | | | 48 | 48 | 68 | 43 |
| 41/ 39 | .1 | 1.2 | 2.3 | .4 | .4 | .1 | | | | | | | | | | | | 42 | 42 | 57 | 52 |
| 39/ 37 | | 2.1 | 2.7 | .4 | .1 | .2 | | | | | | | | | | | | 50 | 50 | 67 | 44 |
| 37/ 35 | | 2.0 | 1.8 | 1.2 | .4 | | | | | | | | | | | | | 49 | 49 | 55 | 58 |
| 35/ 33 | | .9 | .9 | 1.1 | | | | | | | | | | | | | | 25 | 25 | 52 | 52 |
| 33/ 31 | | 1.3 | 1.9 | .7 | .1 | | | | | | | | | | | | | 36 | 36 | 32 | 69 |
| 31/ 29 | | .7 | .3 | .3 | | | | | | | | | | | | | | 12 | 12 | 31 | 43 |
| 29/ 27 | | .6 | .1 | | | | | | | | | | | | | | | 6 | 6 | 30 | 42 |
| 27/ 25 | | .2 | .3 | | | | | | | | | | | | | | | 5 | 5 | 18 | 32 |
| 25/ 23 | | .4 | .4 | | | | | | | | | | | | | | | 8 | 8 | 3 | 16 |
| 23/ 21 | | .2 | .2 | .2 | | | | | | | | | | | | | | 6 | 6 | 8 | 33 |
| 21/ 19 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 7 | 25 |
| 19/ 17 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 15 |
| 17/ 15 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 13 |
| 15/ 13 | | | | | | | | | | | | | | | | | | | | | 7 |
| 13/ 11 | | | | | | | | | | | | | | | | | | | | | 7 |
| 11/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 9/ 7 | | | | | | | | | | | | | | | | | | | | | 10 |
| 7/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 5/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) LYESS AFB TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PAGE 2 0300-0500 (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | .2 | 27.4 | 31.8 | 21.1 | 11.2 | 4.7 | 1.8 | 1.4 | .2 | .1 | | | | | | | | 900 | 900 | 900 | 900 |

| 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. | 4657737 | 63267 | 70.3 | 15.294 | 900 | | | | | | | |
| Dry Bulb | 2147316 | 42816 | 47.6 | 11.782 | 900 | | 8.3 | 2.2 | | | | 90 |
| Wet Bulb | 1776440 | 38826 | 43.1 | 10.625 | 900 | | 14.1 | .3 | | | | 90 |
| Dew Point | 1431118 | 34002 | 37.8 | 12.767 | 900 | .1 | 32.0 | | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PAGE 1 0600-0800 (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70/ 69 | | | .9 | .2 | | | | | | | | | | | | | | 10 | 10 | | |
| 68/ 67 | | .2 | .7 | .6 | .1 | | | | | | | | | | | | | 14 | 14 | 1 | |
| 66/ 65 | | .4 | 1.6 | .2 | | .1 | .2 | | | | | | | | | | | 23 | 23 | 9 | 1 |
| 64/ 63 | | 1.2 | 1.2 | .3 | | .3 | .1 | | | | | | | | | | | 29 | 29 | 14 | 12 |
| 62/ 61 | | .8 | .9 | 1.4 | .4 | .3 | | | .1 | | | | | | | | | 36 | 36 | 33 | 16 |
| 60/ 59 | | .4 | 2.1 | .6 | .3 | .1 | | .1 | | | | | | | | | | 34 | 34 | 19 | 24 |
| 58/ 57 | | 1.0 | 3.0 | 1.0 | .2 | .8 | .3 | .1 | | | | | | | | | | 58 | 58 | 20 | 18 |
| 56/ 55 | | 1.0 | .8 | .2 | .8 | .3 | .1 | .2 | | | | | | | | | | 31 | 31 | 49 | 20 |
| 54/ 53 | .2 | 1.6 | 1.0 | 1.4 | .4 | | .3 | .1 | | | | | | | | | | 46 | 46 | 43 | 35 |
| 52/ 51 | | 1.1 | 2.7 | 1.1 | .7 | .7 | | | | | | | | | | | | 56 | 56 | 37 | 43 |
| 50/ 49 | | 2.2 | 1.6 | .9 | 1.1 | .1 | .4 | | | | | | | | | | | 56 | 56 | 41 | 36 |
| 48/ 47 | .1 | 3.9 | 1.4 | 1.8 | 1.2 | .9 | .2 | | | | | | | | | | | 86 | 86 | 70 | 32 |
| 46/ 45 | | 1.7 | 1.0 | 1.2 | .7 | .6 | .1 | | | | | | | | | | | 47 | 47 | 66 | 58 |
| 44/ 43 | | .4 | 2.7 | .9 | 1.0 | .2 | .1 | | | | | | | | | | | 48 | 48 | 40 | 48 |
| 42/ 41 | | 2.0 | 2.4 | 1.2 | .4 | | .2 | | | | | | | | | | | 57 | 57 | 56 | 36 |
| 40/ 39 | .1 | 1.7 | 1.7 | 1.8 | .2 | .3 | | | | | | | | | | | | 52 | 52 | 67 | 38 |
| 38/ 37 | | 3.0 | 2.4 | .2 | .3 | | | | | | | | | | | | | 54 | 54 | 59 | 45 |
| 36/ 35 | | 1.6 | 1.3 | .7 | | | | | | | | | | | | | | 32 | 32 | 76 | 50 |
| 34/ 33 | | 1.4 | 1.3 | 1.4 | .3 | | | | | | | | | | | | | 41 | 41 | 45 | 56 |
| 32/ 31 | .1 | 1.2 | 1.4 | .8 | | | | | | | | | | | | | | 32 | 32 | 35 | 72 |
| 30/ 29 | | .7 | .8 | .7 | | | | | | | | | | | | | | 19 | 19 | 33 | 31 |
| 28/ 27 | | .9 | .3 | | | | | | | | | | | | | | | 11 | 11 | 31 | 52 |
| 26/ 25 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 24 | 39 |
| 24/ 23 | | .3 | .3 | | | | | | | | | | | | | | | 6 | 6 | 7 | 19 |
| 22/ 21 | | .2 | .3 | | | | | | | | | | | | | | | 5 | 5 | 4 | 19 |
| 20/ 19 | | .4 | .3 | | | | | | | | | | | | | | | 7 | 7 | 6 | 34 |
| 18/ 17 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 6 | 18 |
| 16/ 15 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 9 | 8 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 10 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 11 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 7 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 7 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 4 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

 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 | | | | |
| TOTAL | .6 | 30.3 | 34.4 | 18.7 | 8.2 | 4.8 | 2.2 | .7 | .1 | | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 4833590 | 64480 | 71.6 | 15.427 | 900 | | | | | | | |
| Dry Bulb | 2081599 | 42119 | 46.8 | 11.086 | 900 | | 9.0 | 2.4 | | | | 90 |
| Wet Bulb | 1744902 | 38416 | 42.7 | 10.814 | 900 | | 15.5 | .1 | | | | 90 |
| Dew Point | 1422009 | 33795 | 37.6 | 13.046 | 900 | | 33.2 | | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | NOV MONTH

PAGE 1 0900-1100 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B. W.B. | Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88/ 87 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| 82/ 81 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | | | | | | .1 | .1 | | | | | | 2 | 2 | | |
| 78/ 77 | | | | | .1 | .3 | | | | .1 | .2 | .1 | | | | | | 8 | 8 | | |
| 76/ 75 | | | | | | .1 | .1 | | .1 | .2 | | .1 | | | | | | 6 | 6 | | |
| 74/ 73 | | | | .2 | .4 | .6 | .2 | .1 | .8 | .1 | .1 | | | | | | | 23 | 23 | | |
| 72/ 71 | | | .1 | 1.1 | .7 | .7 | .2 | .3 | .4 | .2 | | | | | | | | 34 | 34 | 1 | |
| 70/ 69 | | | .7 | .6 | 1.6 | .3 | .3 | .4 | .3 | .1 | | | | | | | | 39 | 39 | | |
| 68/ 67 | | | 1.0 | 1.0 | .8 | .4 | .3 | .2 | .3 | .2 | | | | | | | | 39 | 39 | 7 | 1 |
| 66/ 65 | | | .4 | 1.3 | 1.7 | 1.0 | .3 | .2 | .3 | .4 | .1 | | | | | | | 53 | 53 | 24 | 2 |
| 64/ 63 | | .1 | .7 | 1.0 | 1.1 | .3 | 1.0 | .6 | .3 | .1 | | | | | | | | 47 | 47 | 28 | 18 |
| 62/ 61 | | .1 | 1.0 | 1.2 | 1.2 | 1.0 | .7 | .9 | .6 | | | | | | | | | 60 | 60 | 43 | 15 |
| 60/ 59 | | .3 | .3 | 1.1 | .9 | 1.1 | .2 | .6 | .1 | | | | | | | | | 42 | 42 | 40 | 22 |
| 58/ 57 | | .3 | .9 | .7 | .9 | 1.1 | 1.1 | .7 | .6 | | | | | | | | | 56 | 56 | 60 | 40 |
| 56/ 55 | | 1.0 | 1.0 | 1.1 | 1.2 | .7 | .6 | .7 | .4 | | | | | | | | | 60 | 60 | 51 | 34 |
| 54/ 53 | .1 | .6 | .8 | .3 | 1.0 | .9 | .8 | .3 | .2 | | | | | | | | | 45 | 45 | 48 | 36 |
| 52/ 51 | | 1.1 | .8 | 1.2 | 1.3 | .8 | .8 | .1 | | | | | | | | | | 55 | 55 | 53 | 41 |
| 50/ 49 | | 1.3 | 1.1 | 1.4 | 1.6 | .7 | 1.0 | .1 | | | | | | | | | | 65 | 65 | 63 | 42 |
| 48/ 47 | | 1.4 | 1.0 | 1.6 | .6 | .9 | .4 | | | | | | | | | | | 53 | 53 | 60 | 43 |
| 46/ 45 | | .3 | .6 | 1.4 | .1 | .6 | .1 | .2 | | | | | | | | | | 30 | 30 | 75 | 54 |
| 44/ 43 | | .1 | 1.3 | .8 | .7 | .7 | .4 | | | | | | | | | | | 36 | 36 | 48 | 44 |
| 42/ 41 | | .7 | .9 | 1.1 | .7 | .2 | | | | | | | | | | | | 32 | 32 | 62 | 38 |
| 40/ 39 | | 1.0 | .8 | .3 | .4 | .2 | | | | | | | | | | | | 25 | 25 | 51 | 49 |
| 38/ 37 | | 1.2 | .9 | .3 | .2 | | | | | | | | | | | | | 29 | 29 | 44 | 43 |
| 36/ 35 | | 1.0 | .4 | .3 | .1 | | | | | | | | | | | | | 17 | 17 | 42 | 58 |
| 34/ 33 | | .4 | .1 | .3 | .6 | | | | | | | | | | | | | 13 | 13 | 35 | 41 |
| 32/ 31 | | .4 | .2 | .4 | | | | | | | | | | | | | | 10 | 10 | 16 | 69 |
| 30/ 29 | | .3 | .2 | .4 | | | | | | | | | | | | | | 9 | 9 | 12 | 33 |
| 28/ 27 | | .1 | .3 | | | | | | | | | | | | | | | 4 | 4 | 12 | 33 |
| 26/ 25 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 7 | 19 |
| 24/ 23 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 12 | 21 |
| 22/ 21 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 2 | 29 |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 22 |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 10 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) NOV (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16/ 15 | | | | | | | | | | | | | | | | | | | 2 | 12 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 8 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 7 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 10 |
| 8/ 5 | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | .1 | 12.6 | 16.2 | 19.4 | 18.0 | 12.6 | 8.7 | 5.4 | 4.3 | 1.6 | .6 | .3 | .1 | | .1 | | | 900 | | 900 | |
| | | | | | | | | | | | | | | | | | 900 | | 900 | | |

| 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. | 3517414 | 53740 | 59.7 | 18.526 | 900 | | | | | | | |
| Dry Bulb | 2809940 | 49164 | 54.6 | 11.757 | 900 | | 3.4 | 15.3 | 4.1 | .2 | | 90 |
| Wet Bulb | 2114946 | 42622 | 47.4 | 10.359 | 900 | | 6.5 | .8 | | | | 90 |
| Dew Point | 1561618 | 35584 | 39.5 | 13.118 | 900 | | 27.9 | .1 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) NOV (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 |
| 94/ 93 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | 2 | | |
| 92/ 89 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | 1 | | |
| 88/ 87 | | | | | | | | | | | | .1 | | | .1 | | | 2 | 2 | 2 | | |
| 86/ 85 | | | | | | | | | | | .1 | | .2 | | .1 | | | 4 | 4 | 4 | | |
| 84/ 83 | | | | | | | | | | .1 | .3 | .2 | .3 | .2 | | | | 11 | 11 | 11 | | |
| 82/ 81 | | | | | | | | | .2 | .2 | .4 | .2 | .2 | | | | | 12 | 12 | 12 | | |
| 80/ 79 | | | | | | | | 1.1 | .4 | .3 | 1.2 | .1 | | | | | | 29 | 29 | 29 | | |
| 78/ 77 | | | | | .2 | .2 | .9 | .9 | .2 | 1.1 | .4 | | | | | | | 34 | 34 | 34 | | |
| 76/ 75 | | | | | .4 | .2 | 1.8 | .7 | .8 | 1.1 | .3 | .1 | .2 | | | | | 51 | 51 | 51 | | |
| 74/ 73 | | | | .3 | .4 | 1.1 | .8 | .6 | .9 | .7 | .2 | .2 | | | | | | 47 | 47 | 47 | | |
| 72/ 71 | | | | | .4 | 2.3 | .8 | .9 | .4 | .7 | .4 | .2 | .2 | | | | | 58 | 58 | 58 | | |
| 70/ 69 | | | .1 | .1 | 1.0 | 1.0 | 1.1 | .9 | .7 | .4 | 1.3 | .2 | | | | | | 61 | 61 | 61 | 3 | |
| 68/ 67 | | | | .1 | .7 | 1.0 | .9 | 1.4 | 1.0 | .9 | .4 | | | | | | | 58 | 58 | 58 | 12 | |
| 66/ 65 | | | | .6 | .7 | .6 | 1.0 | 1.6 | .7 | .9 | | | | | | | | 53 | 53 | 53 | 36 | 6 |
| 64/ 63 | | | | .4 | .2 | .4 | 1.2 | .3 | 1.4 | 1.2 | | | | | | | | 48 | 48 | 48 | 50 | 6 |
| 62/ 61 | | | .3 | .6 | .3 | .7 | .8 | .3 | 1.0 | .7 | | | | | | | | 42 | 42 | 42 | 62 | 7 |
| 60/ 59 | | .2 | .3 | .4 | .4 | .7 | .7 | 1.1 | .7 | .3 | | | | | | | | 44 | 44 | 44 | 71 | 15 |
| 58/ 57 | | .4 | .8 | .2 | .4 | .7 | .8 | 1.1 | .8 | .2 | | | | | | | | 49 | 49 | 49 | 62 | 44 |
| 56/ 55 | .1 | .8 | .4 | .1 | .4 | 1.1 | 1.1 | .2 | .3 | | | | | | | | | 42 | 42 | 42 | 56 | 63 |
| 54/ 53 | | .1 | .6 | .2 | .7 | .8 | .8 | .3 | .1 | | | | | | | | | 32 | 32 | 32 | 49 | 36 |
| 52/ 51 | | .4 | 1.0 | .3 | .4 | .4 | .6 | .3 | .1 | | | | | | | | | 33 | 33 | 33 | 69 | 42 |
| 50/ 49 | | .8 | .8 | .2 | .7 | .4 | 1.1 | .4 | .1 | | | | | | | | | 40 | 40 | 40 | 58 | 31 |
| 48/ 47 | | .3 | .7 | .7 | .6 | .4 | .9 | .4 | | | | | | | | | | 36 | 36 | 36 | 71 | 47 |
| 46/ 45 | | | .1 | .8 | .6 | .3 | .2 | .3 | | | | | | | | | | 21 | 21 | 21 | 61 | 54 |
| 44/ 43 | | .4 | .1 | .1 | | .4 | .1 | | | | | | | | | | | 11 | 11 | 11 | 47 | 50 |
| 42/ 41 | | .4 | .3 | .6 | .1 | .1 | .2 | | | | | | | | | | | 16 | 16 | 16 | 38 | 44 |
| 40/ 39 | | .6 | .4 | .1 | | .3 | | | | | | | | | | | | 13 | 13 | 13 | 33 | 47 |
| 38/ 37 | | .7 | .1 | .2 | .2 | .3 | | | | | | | | | | | | 14 | 14 | 14 | 33 | 34 |
| 36/ 35 | | 1.1 | | .2 | .1 | .1 | | | | | | | | | | | | 14 | 14 | 14 | 26 | 45 |
| 34/ 33 | | .2 | .2 | .1 | .2 | | | | | | | | | | | | | 7 | 7 | 7 | 25 | 40 |
| 32/ 31 | | .1 | .1 | | .1 | | | | | | | | | | | | | 3 | 3 | 3 | 6 | 62 |
| 30/ 29 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 10 | 29 |
| 28/ 27 | | | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 4 | 12 | 54 |
| 26/ 25 | | .3 | | .1 | | | | | | | | | | | | | | 4 | 4 | 4 | 1 | 26 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PAGE 2 1200-1400 (HOURS ... S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 6 | 15 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 2 | 20 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 24 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 12 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 8 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 12 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 10 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 3 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 10 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 7.3 | 6.9 | 6.7 | 9.4 | 13.8 | 15.4 | 12.8 | 9.9 | 8.9 | 5.3 | 1.4 | 1.2 | .2 | .2 | .1 | .2 | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| 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. | 2365069 | 42753 | 47.5 | 19.280 | 900 | | | | | | | |
| Dry Bulb | 3567652 | 55488 | 61.7 | 12.771 | 900 | | 1.5 | 37.0 | 19.3 | 4.5 | .2 | 90 |
| Wet Bulb | 2381186 | 45410 | 50.5 | 10.006 | 900 | | 3.8 | 1.5 | | | | 90 |
| Dew Point | 1549333 | 35421 | 39.4 | 13.143 | 900 | | 28.9 | | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (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 |
| 96/ 95 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 92/ 89 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 88/ 87 | | | | | | | | | | | | | | | .2 | | | 2 | 2 | | |
| 86/ 85 | | | | | | | | | | | | .3 | .1 | | .2 | | | 6 | 6 | | |
| 84/ 83 | | | | | | | | | | | .2 | .4 | .3 | .7 | | | | 15 | 15 | | |
| 82/ 81 | | | | | | | | | .3 | .4 | .8 | .2 | .4 | | | | | 20 | 20 | | |
| 80/ 79 | | | | | | | .3 | .5 | .7 | .6 | 1.2 | .4 | | | | | | 34 | 34 | | |
| 78/ 77 | | | | | .1 | .1 | .6 | 1.2 | 1.4 | .7 | .8 | .4 | .1 | | | | | 49 | 49 | | |
| 76/ 75 | | | | | .2 | .3 | 1.0 | 2.6 | .9 | 1.0 | .6 | .3 | .3 | | | | | 65 | 65 | | |
| 74/ 73 | | | | | .4 | .7 | .7 | .9 | 1.1 | .8 | .1 | .7 | | | | | | 47 | 47 | | |
| 72/ 71 | | | | .1 | .9 | 1.0 | .3 | .9 | .8 | .8 | .6 | .7 | .1 | | | | | 55 | 55 | | |
| 70/ 69 | | | .1 | | .3 | .6 | .8 | 1.3 | 1.1 | .8 | .6 | .1 | | | | | | 50 | 50 | 2 | |
| 68/ 67 | | | | | .8 | .7 | .6 | .9 | 1.6 | 1.2 | .9 | | | | | | | 59 | 59 | 7 | |
| 66/ 65 | | | .1 | .2 | .7 | .4 | .2 | 1.7 | 1.0 | .8 | .2 | | | | | | | 48 | 48 | 10 | 2 |
| 64/ 63 | | | .1 | .3 | .7 | .4 | .9 | .4 | 1.0 | .7 | .6 | | | | | | | 46 | 46 | 53 | 5 |
| 62/ 61 | | | .6 | .6 | | .2 | .7 | 1.2 | 1.2 | .2 | .1 | | | | | | | 43 | 43 | 75 | 4 |
| 60/ 59 | | .2 | .7 | | .2 | .2 | 1.4 | 1.9 | .7 | .2 | | | | | | | | 49 | 49 | 57 | 15 |
| 58/ 57 | | .2 | .4 | .6 | .7 | .4 | .9 | 1.1 | .4 | .1 | | | | | | | | 44 | 44 | 84 | 32 |
| 56/ 55 | | .3 | .1 | .6 | .3 | .8 | .6 | .6 | .2 | | | | | | | | | 31 | 31 | 53 | 41 |
| 54/ 53 | | .4 | .6 | .4 | .4 | .9 | .9 | .3 | .3 | | | | | | | | | 39 | 39 | 47 | 56 |
| 52/ 51 | | .3 | .4 | | | .4 | 1.3 | .4 | .3 | | | | | | | | | 30 | 30 | 76 | 38 |
| 50/ 49 | | .8 | .4 | .4 | .4 | .3 | .7 | .3 | .2 | | | | | | | | | 33 | 33 | 65 | 42 |
| 48/ 47 | | .3 | .6 | .4 | .2 | .3 | 1.1 | .3 | .1 | | | | | | | | | 31 | 31 | 69 | 41 |
| 46/ 45 | | | .2 | .9 | | .7 | .3 | .4 | | | | | | | | | | 23 | 23 | 56 | 55 |
| 44/ 43 | | .7 | | .6 | | | .8 | | | | | | | | | | | 18 | 18 | 44 | 38 |
| 42/ 41 | | .1 | .3 | .2 | | | | | | | | | | | | | | 6 | 6 | 39 | 47 |
| 40/ 39 | | .7 | .2 | .2 | | | | | | | | | | | | | | 10 | 10 | 29 | 57 |
| 38/ 37 | | .7 | | .4 | .3 | .2 | | | | | | | | | | | | 15 | 15 | 28 | 40 |
| 36/ 35 | | .8 | | | .3 | .1 | | | | | | | | | | | | 11 | 11 | 29 | 54 |
| 34/ 33 | | .3 | | .3 | | | | | | | | | | | | | | 6 | 6 | 23 | 45 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 11 | 68 |
| 30/ 29 | | .1 | | | .3 | | | | | | | | | | | | | 4 | 4 | 5 | 25 |
| 28/ 27 | | .2 | .2 | .1 | | | | | | | | | | | | | | 5 | 5 | 9 | 34 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 26/ 25 | | .3 | | | | | | | | | | | | | | | | | 3 | 3 | | 43 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 7 | 17 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 | 14 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 25 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 10 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 14 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 10 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | 6.6 | 5.1 | 6.4 | 7.4 | 8.9 | 13.8 | 17.9 | 13.4 | 8.2 | 6.6 | 3.7 | 1.4 | .7 | .4 | | .3 | | 900 | 900 | 900 | 900 |

| 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. | 2101763 | 39913 | 44.3 | 19.209 | 900 | | | | | | | |
| Dry Bulb | 3718133 | 56691 | 63.0 | 12.795 | 900 | | 1.2 | 40.5 | 24.1 | 5.8 | .2 | 90 |
| Wet Bulb | 2401556 | 45668 | 50.7 | 9.681 | 900 | | 3.4 | .9 | | | | 90 |
| Dew Point | 1492537 | 34745 | 38.6 | 12.968 | 900 | .2 | 28.8 | | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 73-82 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 77 | | | | | | | | | | | | .1 | .1 | | | | | 2 | 2 | |
| 76/ 75 | | | | | | | | .1 | .1 | .2 | .2 | .1 | | | | | | 7 | 7 | |
| 74/ 73 | | | | | .1 | .4 | | .7 | .2 | .3 | .1 | .1 | | | | | | 14 | 14 | |
| 72/ 71 | | | | .1 | .2 | .6 | .1 | .8 | .4 | .2 | | .1 | | | | | | 23 | 23 | |
| 70/ 69 | | | .2 | .6 | 1.3 | 1.1 | 1.1 | .4 | .7 | .1 | .4 | | | | | | | 54 | 54 | |
| 68/ 67 | | | .2 | 1.0 | 1.1 | .7 | 1.3 | .3 | .3 | .3 | | | | | | | | 50 | 50 | |
| 66/ 65 | | .1 | .4 | 1.4 | 1.6 | .8 | .9 | .7 | .3 | | | | | | | | | 57 | 57 | 9 |
| 64/ 63 | | | .2 | 1.0 | .6 | 1.3 | .3 | .4 | .7 | .4 | | | | | | | | 45 | 45 | 12 4 |
| 62/ 61 | | .1 | 1.1 | 1.0 | .6 | 1.3 | 1.7 | .9 | .6 | | | | | | | | | 59 | 59 | 34 7 |
| 60/ 59 | | .2 | .8 | .4 | .4 | 1.3 | 1.0 | .3 | .3 | | | | | | | | | 47 | 47 | 46 9 |
| 58/ 57 | | .7 | .8 | .7 | 1.4 | .7 | 1.1 | .9 | .2 | | | | | | | | | 57 | 57 | 64 27 |
| 56/ 55 | .3 | .3 | .7 | .8 | 1.9 | 1.0 | .8 | .4 | .1 | | | | | | | | | 57 | 57 | 68 40 |
| 54/ 53 | | .2 | 1.0 | 1.1 | 1.1 | 1.4 | .9 | .4 | .1 | | | | | | | | | 57 | 57 | 50 46 |
| 52/ 51 | | .7 | .9 | 1.0 | 1.3 | 1.8 | .9 | .2 | | | | | | | | | | 61 | 61 | 47 29 |
| 50/ 49 | | 1.0 | 1.0 | 1.7 | 1.8 | 1.4 | .1 | .1 | | | | | | | | | | 64 | 64 | 74 38 |
| 48/ 47 | | .4 | 1.8 | 1.1 | .8 | .7 | .4 | .1 | | | | | | | | | | 48 | 48 | 69 43 |
| 46/ 45 | | .2 | .8 | 1.1 | .9 | .7 | .1 | .1 | | | | | | | | | | 35 | 35 | 77 60 |
| 44/ 43 | | .6 | .6 | .8 | 1.0 | .3 | .2 | | | | | | | | | | | 31 | 31 | 69 47 |
| 42/ 41 | | .3 | .7 | .7 | .6 | .6 | | | | | | | | | | | | 25 | 25 | 65 52 |
| 40/ 39 | | .8 | .6 | .7 | .3 | .2 | .2 | | | | | | | | | | | 25 | 25 | 45 49 |
| 38/ 37 | | .7 | .9 | .4 | .2 | .2 | | | | | | | | | | | | 22 | 22 | 36 48 |
| 36/ 35 | | .4 | .6 | .6 | .3 | .2 | | | | | | | | | | | | 19 | 19 | 33 54 |
| 34/ 33 | | .4 | .2 | .6 | .2 | | | | | | | | | | | | | 13 | 13 | 30 50 |
| 32/ 31 | | | .3 | .4 | .2 | .2 | | | | | | | | | | | | 11 | 11 | 22 73 |
| 30/ 29 | | .3 | .2 | .1 | | | | | | | | | | | | | | 6 | 6 | 7 39 |
| 28/ 27 | | .1 | .1 | .2 | | | | | | | | | | | | | | 4 | 4 | 21 34 |
| 26/ 25 | | .2 | | .2 | | | | | | | | | | | | | | 4 | 4 | 8 41 |
| 24/ 23 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 7 23 |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 16 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 3 14 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 1 10 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 12 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 7 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 73-82 NOV
STATION STATION NAME YEARS MONTH

PAGE 2 1800-2000
HOURS (LST)

| 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. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/ 9 | | | | | | | | | | | | | | | | | | | 6 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | 2 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | 4 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | 1 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 9.0 | 14.1 | 17.8 | 18.0 | 17.0 | 10.6 | 7.3 | 4.0 | 1.7 | .8 | .4 | .1 | | | | | 900 | 900 |
| | | | | | | | | | | | | | | | | | | 900 | 900 |

| 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. | 3123341 | 50551 | 56.2 | 17.774 | 900 | | | | | | | |
| Dry Bulb | 2810460 | 49292 | 54.8 | 11.101 | 900 | | 2.8 | 15.0 | 2.3 | | | 90 |
| Wet Bulb | 2055764 | 42136 | 46.8 | 9.611 | 900 | | 7.2 | | | | | 90 |
| Dew Point | 1447602 | 34310 | 38.1 | 12.463 | 900 | .6 | 29.7 | | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | NOV MONTH

PAGE 1 | 2100-2300 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 73 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 72/ 71 | | | | | | | .1 | .2 | | | | .1 | | | | | | 4 | 4 | | |
| 70/ 69 | | | .1 | .2 | .4 | .4 | | .1 | .1 | | | | | | | | | 13 | 13 | | |
| 68/ 67 | | .4 | .8 | .9 | 1.1 | .7 | .1 | .2 | | | .2 | | | | | | | 40 | 40 | | |
| 66/ 65 | | | 1.1 | 1.4 | 1.6 | .8 | .4 | | | .1 | | | | | | | | 47 | 47 | 6 | 3 |
| 64/ 63 | | .1 | 1.0 | 1.0 | .8 | 1.7 | .3 | .1 | .2 | | | | | | | | | 47 | 47 | 10 | 3 |
| 62/ 61 | | .2 | .9 | .9 | .7 | 1.0 | .6 | .6 | .1 | .1 | | | | | | | | 45 | 45 | 28 | 6 |
| 60/ 59 | | .3 | .8 | .9 | .9 | 1.0 | 1.1 | .4 | .1 | | | | | | | | | 49 | 49 | 41 | 19 |
| 58/ 57 | | .7 | 1.1 | 1.3 | 1.2 | .8 | .4 | | | | | | | | | | | 50 | 50 | 37 | 23 |
| 56/ 55 | .2 | 1.8 | .6 | 1.2 | .8 | .6 | .3 | .1 | | | | | | | | | | 52 | 52 | 46 | 34 |
| 54/ 53 | | .3 | .7 | 1.4 | 1.6 | .4 | .3 | .1 | | | | | | | | | | 44 | 44 | 57 | 41 |
| 52/ 51 | | .8 | 1.1 | 1.0 | 1.1 | .8 | .2 | .1 | | | | | | | | | | 48 | 48 | 49 | 25 |
| 50/ 49 | | 1.4 | 2.0 | 1.4 | 2.4 | 1.1 | .7 | | | | | | | | | | | 82 | 82 | 51 | 40 |
| 48/ 47 | | 1.0 | 1.7 | 2.2 | 1.3 | .6 | .2 | .1 | | | | | | | | | | 64 | 64 | 72 | 47 |
| 46/ 45 | | 1.3 | 1.9 | 2.6 | 1.9 | .2 | | | | | | | | | | | | 71 | 71 | 63 | 49 |
| 44/ 43 | | 1.0 | 1.1 | 1.7 | 1.1 | .1 | | | | | | | | | | | | 45 | 45 | 58 | 42 |
| 42/ 41 | | | 1.8 | 1.2 | .8 | .1 | | | | | | | | | | | | 35 | 35 | 79 | 59 |
| 40/ 39 | | .8 | 1.0 | 1.0 | .4 | | | | | | | | | | | | | 29 | 29 | 61 | 41 |
| 38/ 37 | | 1.0 | 1.6 | .8 | .3 | | | | | | | | | | | | | 33 | 33 | 63 | 48 |
| 36/ 35 | | 1.0 | 1.0 | .4 | | | | | | | | | | | | | | 22 | 22 | 37 | 54 |
| 34/ 33 | | .6 | 1.1 | 1.0 | .2 | | | | | | | | | | | | | 26 | 26 | 45 | 61 |
| 32/ 31 | | | .8 | .4 | .3 | .1 | | | | | | | | | | | | 15 | 15 | 21 | 64 |
| 30/ 29 | | .3 | .4 | .4 | .3 | | | | | | | | | | | | | 14 | 14 | 15 | 53 |
| 28/ 27 | | .2 | .2 | .1 | .1 | | | | | | | | | | | | | 6 | 6 | 21 | 36 |
| 26/ 25 | | .6 | .3 | | | | | | | | | | | | | | | 8 | 8 | 10 | 31 |
| 24/ 23 | | .4 | | .2 | | | | | | | | | | | | | | 6 | 6 | 16 | 27 |
| 22/ 21 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 7 | 16 |
| 20/ 19 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 1 | 24 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 4 | 14 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 2 | 9 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 11 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 3 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 — STATION
LYESS AFB TX — STATION NAME
73-82 — YEARS
NOV — MONTH
PAGE 2 — 2100-2300

| 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 | | | | | | | | | | | | | | | | | | | | | 2 |
| / -1 | | | | | | | | | | | | | | | | | | | | | 4 |
| -./ -3 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .2 | 14. | 123. | 324. | 312. | 410. | 1 | 5. | 3 | 2. | 1 | .6 | .2 | .2 | .2 | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≤67 F | ≤73 F | ≤80 F | ≤93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3876587 | 57253 | 63.6 | 16.150 | 900 | | | | | | | |
| Dry Bulb | 2411958 | 45538 | 50.6 | 10.952 | 900 | | 5.3 | 5.8 | .1 | | | 90 |
| Wet Bulb | 1887686 | 40212 | 44.7 | 10.062 | 900 | | 9.7 | | | | | 90 |
| Dew Point | 1429256 | 34082 | 37.9 | 12.417 | 900 | .7 | 30.5 | | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) NOV (MONTH)

 ALL (HOURS G.M.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96/ 95 | | | | | | | | | | | | | | | | | .0 | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .0 | 3 | 3 | | |
| 92/ 89 | | | | | | | | | | | | | | | | .0 | .0 | 2 | 2 | | |
| 88/ 87 | | | | | | | | | | | | .0 | | | .1 | | | 5 | 5 | | |
| 86/ 85 | | | | | | | | | | | .0 | .0 | .0 | | .0 | | | 10 | 10 | | |
| 84/ 83 | | | | | | | | | | .0 | .1 | .1 | .1 | .1 | | | | 26 | 26 | | |
| 82/ 81 | | | | | | | | | .1 | .1 | .2 | .1 | .1 | | | | | 33 | 33 | | |
| 80/ 79 | | | | | | | .1 | .3 | .1 | .1 | .3 | .1 | | | | | | 65 | 65 | | |
| 78/ 77 | | | | | .1 | .1 | .2 | .3 | .2 | .2 | .2 | .1 | .0 | | | | | 93 | 93 | | |
| 76/ 75 | | | | | .1 | .1 | .4 | .4 | .2 | .3 | .1 | .1 | .1 | | | | | 129 | 129 | | |
| 74/ 73 | | | | .1 | .2 | .3 | .2 | .2 | .4 | .2 | .1 | .1 | | | | | | 132 | 132 | | |
| 72/ 71 | | | .0 | .2 | .3 | .6 | .3 | .4 | .3 | .2 | .1 | .2 | .0 | | | | | 176 | 176 | 1 | |
| 70/ 69 | | | .3 | .3 | .6 | .4 | .4 | .4 | .3 | .2 | .3 | .0 | | | | | | 241 | 241 | 5 | |
| 68/ 67 | .0 | .2 | .5 | .6 | .6 | .4 | .4 | .4 | .4 | .3 | .2 | | | | | | | 294 | 294 | 33 | 2 |
| 66/ 65 | | .2 | .8 | 1.0 | .9 | .5 | .4 | .5 | .3 | .3 | .0 | | | | | | | 355 | 355 | 123 | 19 |
| 64/ 63 | | .3 | .6 | .8 | .5 | .6 | .3 | .3 | .5 | .3 | .1 | | | | | | | 329 | 329 | 189 | 60 |
| 62/ 61 | | .4 | .9 | 1.1 | .9 | .7 | .5 | .5 | .5 | .1 | .0 | | | | | | | 379 | 379 | 324 | 73 |
| 60/ 59 | | .4 | .9 | .7 | .6 | .7 | .6 | .6 | .2 | .1 | | | | | | | | 355 | 355 | 338 | 141 |
| 58/ 57 | .0 | .6 | 1.3 | .8 | .8 | .8 | .6 | .5 | .3 | .0 | | | | | | | | 406 | 406 | 394 | 245 |
| 56/ 55 | .1 | .9 | 1.0 | .7 | 1.0 | .6 | .5 | .4 | .2 | | | | | | | | | 382 | 382 | 426 | 290 |
| 54/ 53 | .0 | .7 | .7 | 1.0 | 1.0 | .7 | .5 | .3 | .1 | | | | | | | | | 362 | 362 | 381 | 320 |
| 52/ 51 | | .8 | 1.2 | .9 | .8 | .8 | .5 | .2 | .1 | | | | | | | | | 377 | 377 | 421 | 307 |
| 50/ 49 | | 1.4 | 1.4 | 1.1 | 1.3 | .6 | .6 | .3 | .0 | | | | | | | | | 476 | 476 | 434 | 290 |
| 48/ 47 | .0 | 1.4 | 1.1 | 1.6 | .8 | .6 | .5 | .1 | .0 | | | | | | | | | 443 | 443 | 561 | 327 |
| 46/ 45 | | .9 | .9 | 1.3 | .8 | .5 | .1 | .1 | | | | | | | | | | 337 | 337 | 498 | 415 |
| 44/ 43 | | .9 | 1.4 | .9 | .7 | .3 | .2 | | | | | | | | | | | 311 | 311 | 433 | 352 |
| 42/ 41 | | .7 | 1.3 | 1.0 | .4 | .2 | .1 | | | | | | | | | | | 255 | 255 | 463 | 380 |
| 40/ 39 | .0 | .9 | 1.2 | .7 | .3 | .2 | .0 | | | | | | | | | | | 234 | 234 | 414 | 394 |
| 38/ 37 | | 1.4 | 1.4 | .5 | .3 | .1 | | | | | | | | | | | | 262 | 262 | 391 | 339 |
| 36/ 35 | | 1.1 | .8 | .6 | .3 | .1 | | | | | | | | | | | | 205 | 205 | 354 | 429 |
| 34/ 33 | | .7 | .6 | .6 | .2 | | | | | | | | | | | | | 148 | 148 | 304 | 407 |
| 32/ 31 | .0 | .4 | .9 | .4 | .1 | .0 | | | | | | | | | | | | 125 | 125 | 172 | 533 |
| 30/ 29 | | .4 | .3 | .3 | .1 | | | | | | | | | | | | | 80 | 80 | 133 | 303 |
| 28/ 27 | | .3 | .3 | .1 | .0 | | | | | | | | | | | | | 47 | 47 | 161 | 323 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 — STATION
DYESS AFB TX — STATION NAME
73-8? — YEARS
NOV — MONTH
PAGE 2
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 |
| 29/ 25 | | .3 | .2 | .1 | | | | | | | | | | | | | | | | 38 | 38 | 78 | 266 |
| 24/ 23 | | .2 | .1 | .0 | | | | | | | | | | | | | | | | 27 | 27 | 64 | 158 |
| 22/ 21 | | .2 | .1 | .1 | | | | | | | | | | | | | | | | 24 | 24 | 38 | 172 |
| 20/ 19 | | .1 | .2 | | | | | | | | | | | | | | | | | 19 | 19 | 24 | 194 |
| 18/ 17 | | .1 | .1 | | | | | | | | | | | | | | | | | 9 | 9 | 19 | 102 |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | | | 5 | 5 | 24 | 91 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | 62 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | 58 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | 44 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | 44 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | 13 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | | 19 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | | 10 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | | 13 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | | 4 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .3 | 15.8 | 20.2 | 17.3 | 13.2 | 9.9 | 7.5 | 6.1 | 4.1 | 2.6 | 1.7 | .8 | .4 | .1 | .1 | .0 | .1 | | 7200 | 7200 | 7200 | 7200 |

| 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. | 28803514 | 432696 | 60.1 | 19.721 | 7200 | | | | | | | |
| Dry Bulb | 21821189 | 385289 | 53.5 | 12.929 | 7200 | | 37.4 | 121.0 | 49.9 | 10.5 | .4 | 720 |
| Wet Bulb | 16199290 | 332900 | 46.2 | 10.590 | 7200 | | 71.3 | 3.9 | | | | 720 |
| Dew Point | 11775068 | 276188 | 38.4 | 12.906 | 7200 | 1.8 | 241.0 | .2 | | | | 720 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) DEC (MONTH)

 0000-0200 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66/ 65 | | | .6 | | | | | | .1 | .1 | | | | | | | | 8 | 8 | |
| 64/ 63 | | | .6 | | .3 | .3 | | | | | | | | | | | | 12 | 12 | |
| 62/ 61 | .1 | | .4 | .1 | .2 | .2 | | | | | | | | | | | | 10 | 10 | 7 1 |
| 60/ 59 | | .2 | .2 | .5 | .3 | .2 | .5 | .1 | .2 | .1 | | | | | | | | 23 | 23 | 6 6 |
| 58/ 57 | | .3 | .9 | .3 | .2 | .2 | | .2 | .1 | | | | | | | | | 21 | 21 | 7 6 |
| 56/ 55 | | .1 | .6 | .4 | 1.7 | .8 | .4 | .3 | .2 | .2 | | | | | | | | 38 | 38 | 9 3 |
| 54/ 53 | | .3 | .8 | 1.5 | .6 | .5 | .5 | .4 | .1 | | | | | | | | | 46 | 46 | 21 10 |
| 52/ 51 | | .4 | 1.1 | 1.1 | .9 | .8 | 1.7 | .3 | .1 | | | | | | | | | 52 | 52 | 21 6 |
| 50/ 49 | | .3 | 1.1 | 1.5 | .3 | 1.5 | 1.3 | | | | | | | | | | | 53 | 53 | 24 25 |
| 48/ 47 | .1 | 1.1 | 1.3 | 1.1 | 1.0 | 1.3 | .2 | .4 | | | | | | | | | | 57 | 57 | 44 13 |
| 46/ 45 | .1 | 1.1 | 1.1 | 1.0 | 1.5 | 1.0 | .1 | .1 | | | | | | | | | | 55 | 55 | 55 19 |
| 44/ 43 | .3 | 1.3 | 1.1 | 1.5 | 1.2 | .6 | .3 | | | | | | | | | | | 59 | 59 | 46 35 |
| 42/ 41 | .1 | 1.6 | 1.9 | 1.4 | 1.3 | .4 | | | | | | | | | | | | 63 | 63 | 61 31 |
| 40/ 39 | .1 | 1.2 | 1.9 | 1.8 | 1.6 | | | | | | | | | | | | | 62 | 62 | 82 48 |
| 38/ 37 | | 1.4 | 2.4 | 1.4 | 1.3 | .1 | | | | | | | | | | | | 61 | 61 | 72 48 |
| 36/ 35 | | 1.9 | 1.3 | 2.3 | 1.1 | | | | | | | | | | | | | 60 | 60 | 69 42 |
| 34/ 33 | .3 | 2.6 | 1.5 | 1.6 | .4 | .2 | | | | | | | | | | | | 62 | 62 | 84 43 |
| 32/ 31 | | 1.6 | 2.9 | 2.4 | .5 | | | | | | | | | | | | | 69 | 69 | 74 61 |
| 30/ 29 | | 1.4 | 1.3 | .8 | .2 | | | | | | | | | | | | | 34 | 34 | 55 64 |
| 28/ 27 | | .8 | 2.0 | .5 | .1 | | | | | | | | | | | | | 32 | 32 | 62 64 |
| 26/ 25 | | .1 | 1.9 | .1 | | | | | | | | | | | | | | 20 | 20 | 48 48 |
| 24/ 23 | | .4 | 1.7 | | | | | | | | | | | | | | | 13 | 13 | 32 41 |
| 22/ 21 | | .2 | .6 | .3 | | | | | | | | | | | | | | 11 | 11 | 27 57 |
| 20/ 19 | | .1 | .5 | | | | | | | | | | | | | | | 6 | 6 | 11 63 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 8 54 |
| 16/ 15 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 2 48 |
| 14/ 13 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 25 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 2 19 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 1 11 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 12 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 6 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 9 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | 4 |
| 0/ -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 26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 73-82 DEC
STATION STATION NAME YEARS MONTH

PAGE 2 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -6/ -9 | | | | | | | | | | | | | | | | | | | | 2 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.2 | 19.5 | 29.1 | 21.7 | 14.0 | 8.2 | 4.1 | 1.9 | .9 | .4 | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma_N X'$ | $\Sigma_N X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3867928 | 57552 | 61.9 | 18.160 | 930 | | | | | | | |
| Dry Bulb | 1728446 | 38952 | 41.9 | 10.218 | 930 | | 18.8 | | | | | 93 |
| Wet Bulb | 1326043 | 34049 | 36.6 | 9.248 | 930 | | 32.2 | | | | | 93 |
| Dew Point | 895795 | 26599 | 28.6 | 12.056 | 930 | .8 | 59.4 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PAGE 1 0300-0500 (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66/ 65 | | | .6 | | | | | | .3 | | | | | | | | | 8 | 8 | | |
| 64/ 63 | | .1 | .8 | .2 | | | .1 | | .1 | | | | | | | | | 12 | 12 | | |
| 62/ 61 | | | .5 | .3 | | .5 | .1 | | | | | | | | | | | 14 | 14 | 8 | |
| 60/ 59 | | | .1 | | .3 | .1 | .3 | | | | | | | | | | | 6 | 8 | 6 | 7 |
| 58/ 57 | | .2 | .6 | .2 | .1 | .3 | .1 | .1 | .2 | | | | | | | | | 18 | 18 | 8 | 6 |
| 56/ 55 | | .3 | .9 | .8 | .8 | | | .3 | .1 | .1 | | | | | | | | 30 | 30 | 6 | 3 |
| 54/ 53 | | .6 | .5 | | .4 | .2 | .3 | .4 | | | | | | | | | | 24 | 24 | 13 | 10 |
| 52/ 51 | | .8 | .9 | .9 | .6 | 1.6 | .4 | .4 | | | | | | | | | | 52 | 52 | 23 | 12 |
| 50/ 49 | | .9 | 1.6 | 1.0 | .4 | 1.5 | .2 | .2 | | | | | | | | | | 54 | 54 | 27 | 17 |
| 48/ 47 | | .3 | 1.3 | 1.1 | .3 | .5 | .1 | .1 | | | | | | | | | | 35 | 35 | 32 | 11 |
| 46/ 45 | | 1.7 | 1.4 | 1.2 | .9 | 1.3 | .2 | .1 | | | | | | | | | | 63 | 63 | 41 | 21 |
| 44/ 43 | .5 | .8 | 2.3 | 1.2 | .8 | 1.0 | .5 | | | | | | | | | | | 65 | 65 | 47 | 36 |
| 42/ 41 | | 1.4 | 1.3 | 1.7 | 1.8 | | .2 | | | | | | | | | | | 58 | 58 | 57 | 29 |
| 40/ 39 | .4 | 2.0 | 1.5 | .9 | 1.0 | .1 | | | | | | | | | | | | 55 | 55 | 76 | 27 |
| 38/ 37 | | 2.5 | 2.2 | 1.6 | 1.6 | .1 | | | | | | | | | | | | 74 | 74 | 65 | 51 |
| 36/ 35 | | 2.5 | 2.3 | 1.6 | .8 | | | | | | | | | | | | | 66 | 66 | 67 | 54 |
| 34/ 33 | .2 | 1.6 | 2.2 | 2.9 | .4 | .3 | | | | | | | | | | | | 71 | 71 | 82 | 38 |
| 32/ 31 | .1 | 2.7 | 2.2 | 1.5 | .2 | | | | | | | | | | | | | 62 | 62 | 81 | 62 |
| 30/ 29 | .5 | 1.2 | 3.1 | 1.0 | .3 | | | | | | | | | | | | | 57 | 57 | 70 | 66 |
| 28/ 27 | .1 | 1.8 | 2.2 | .5 | .3 | | | | | | | | | | | | | 46 | 46 | 66 | 67 |
| 26/ 25 | | .5 | .9 | .4 | | | | | | | | | | | | | | 17 | 17 | 63 | 46 |
| 24/ 23 | | 1.0 | .6 | | | | | | | | | | | | | | | 15 | 15 | 34 | 29 |
| 22/ 21 | | .6 | .8 | | | | | | | | | | | | | | | 13 | 13 | 25 | 65 |
| 20/ 19 | | .2 | .3 | | | | | | | | | | | | | | | 5 | 5 | 19 | 72 |
| 18/ 17 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 6 | 63 |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 36 |
| 14/ 13 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 2 | 26 |
| 12/ 11 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 22 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 3 | 15 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 14 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 7 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 10 |
| -10/ -11 | | | | | | | | | | | | | | | | | | | | | 3 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | DEC MONTH

 0300-0500 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| TOTAL | 1.9 | 24.1 | 31.4 | 18.9 | 10.9 | 7.6 | 2.7 | 1.7 | .6 | .1 | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma_n x'$ | $\Sigma_n x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4158549 | 59913 | 64.4 | 17.934 | 930 | | | | | | | |
| Dry Bulb | 1613217 | 37557 | 40.4 | 10.193 | 930 | | 22.3 | | | | | 93 |
| Wet Bulb | 1264845 | 33183 | 35.7 | 9.329 | 930 | | 37.2 | | | | | 93 |
| Dew Point | 878182 | 26300 | 28.3 | 12.029 | 930 | .3 | 60.8 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PAGE 1 0600-0800 (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/ 67 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | |
| 66/ 65 | | | .5 | | | | | | | | | | | | | | | 5 | 5 | | |
| 64/ 63 | | .1 | .6 | .3 | | | | | | | | | | | | | | 10 | 10 | 1 | |
| 62/ 61 | | .1 | .3 | .1 | .1 | | | .1 | | | | | | | | | | 9 | 9 | 9 | |
| 60/ 59 | | | .5 | .1 | .2 | | .2 | | | | | | | | | | | 10 | 10 | 4 | 10 |
| 58/ 57 | | .2 | 1.1 | | .2 | .1 | | .1 | | | | | | | | | | 16 | 16 | 6 | 4 |
| 56/ 55 | | .3 | .5 | .2 | .2 | .3 | | .3 | | | | | | | | | | 17 | 17 | 12 | 3 |
| 54/ 53 | | .4 | .8 | .2 | .5 | .2 | .1 | .3 | .1 | | | | | | | | | 25 | 25 | 13 | 14 |
| 52/ 51 | | .6 | .9 | .9 | .3 | .9 | .3 | .6 | .1 | | | | | | | | | 43 | 43 | 15 | 8 |
| 50/ 49 | .2 | .5 | 1.1 | 1.0 | 1.4 | 1.2 | | .3 | | | | | | | | | | 53 | 53 | 17 | 20 |
| 48/ 47 | | 1.1 | .9 | 1.2 | .6 | .4 | .1 | | | | | | | | | | | 40 | 40 | 28 | 10 |
| 46/ 45 | .1 | 2.4 | .9 | .8 | .8 | .4 | .2 | .1 | | | | | | | | | | 52 | 52 | 34 | 12 |
| 44/ 43 | .4 | 1.0 | 1.2 | 1.4 | 1.1 | .5 | | | | | | | | | | | | 52 | 52 | 55 | 30 |
| 42/ 41 | | 1.4 | 1.5 | 1.5 | 1.0 | .3 | .9 | | | | | | | | | | | 60 | 60 | 54 | 33 |
| 40/ 39 | .3 | 1.5 | 1.9 | 1.5 | .8 | .3 | .1 | | | | | | | | | | | 60 | 60 | 58 | 24 |
| 38/ 37 | .3 | 2.9 | 2.3 | 1.1 | .6 | .1 | | | | | | | | | | | | 68 | 68 | 57 | 49 |
| 36/ 35 | .1 | 3.4 | 2.3 | 2.4 | .4 | | | | | | | | | | | | | 80 | 80 | 89 | 37 |
| 34/ 33 | .2 | 1.9 | 2.9 | 2.2 | .2 | .3 | | | | | | | | | | | | 72 | 72 | 84 | 57 |
| 32/ 31 | | 2.7 | 3.3 | 1.7 | | | | | | | | | | | | | | 72 | 72 | 57 | 70 |
| 30/ 29 | .5 | 1.5 | 2.3 | 1.6 | .3 | | | | | | | | | | | | | 58 | 58 | 92 | 67 |
| 28/ 27 | .1 | 2.3 | 1.8 | .4 | | | | | | | | | | | | | | 43 | 43 | 71 | 54 |
| 26/ 25 | | .6 | 1.4 | .5 | | | | | | | | | | | | | | 24 | 24 | 63 | 56 |
| 24/ 23 | | .8 | 1.0 | .1 | | | | | | | | | | | | | | 17 | 17 | 31 | 36 |
| 22/ 21 | .1 | 1.2 | .6 | .1 | | | | | | | | | | | | | | 19 | 19 | 31 | 56 |
| 20/ 19 | | .6 | .5 | | | | | | | | | | | | | | | 11 | 11 | 23 | 76 |
| 18/ 17 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 11 | 61 |
| 16/ 15 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 31 |
| 14/ 13 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 33 |
| 12/ 11 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 2 | 26 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 10 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 3 | 13 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 8 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 7 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 11 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PAGE 2 0600-0800 (HOURS L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -10/ -11 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 2.5 | 28.5 | 31.7 | 19.2 | 8.8 | 5.2 | 1.8 | 2.0 | .2 | | | | | | | | | 930 | 930 | 930 | 930 |

| 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. | 4374769 | 61727 | 66.4 | 17.291 | 930 | | | | | | | |
| Dry Bulb | 1522340 | 36400 | 39.1 | 10.253 | 930 | | 25.7 | .1 | | | | 93 |
| Wet Bulb | 1213982 | 32412 | 34.9 | 9.524 | 930 | | 39.4 | | | | | 93 |
| Dew Point | 861784 | 25992 | 27.9 | 12.070 | 930 | .4 | 61.9 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) DEC (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 | | | | | | |
| 74/ 73 | | | | | | | | | | .1 | | .1 | | | | | | 2 | 2 | | | | |
| 72/ 71 | | | | | .2 | | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | 8 | 8 | | | | |
| 70/ 69 | | | | .4 | .1 | .1 | .1 | .2 | .1 | .1 | .3 | .1 | | | | | | 15 | 15 | | | | |
| 68/ 67 | | | | .2 | .1 | | .2 | .3 | .3 | .1 | | | | | | | | 12 | 12 | | | | |
| 66/ 65 | | | .2 | .3 | .4 | .4 | .1 | .2 | .3 | .4 | .1 | | | | | | | 24 | 24 | | | | |
| 64/ 63 | | | .1 | .6 | .2 | .2 | .5 | .4 | .5 | .3 | | | | | | | | 28 | 29 | 8 | | | |
| 62/ 61 | | | .2 | .4 | .1 | .3 | .9 | .4 | .2 | .1 | | | | | | | | 24 | 24 | 6 | | | |
| 60/ 59 | | | .5 | .5 | .6 | .6 | .3 | .9 | .9 | .3 | | | | | | | | 43 | 43 | 7 | 9 | | |
| 58/ 57 | | | .5 | .5 | .4 | .8 | .8 | .8 | .2 | .1 | | | | | | | | 38 | 38 | 17 | 6 | | |
| 56/ 55 | | | 1.0 | .8 | 1.0 | .6 | 1.0 | 1.1 | .5 | | | | | | | | | 54 | 54 | 19 | 5 | | |
| 54/ 53 | | .1 | .9 | 1.1 | 1.0 | 1.0 | .3 | .4 | .1 | | | | | | | | | 49 | 49 | 22 | 13 | | |
| 52/ 51 | | .1 | .9 | 1.0 | .5 | 1.1 | .8 | .4 | .5 | | | | | | | | | 49 | 49 | 45 | 11 | | |
| 50/ 49 | | .8 | .8 | 1.0 | .8 | .4 | 1.5 | | .1 | | | | | | | | | 49 | 49 | 42 | 20 | | |
| 48/ 47 | | 1.3 | 1.2 | 1.3 | 1.1 | 1.0 | .5 | .2 | | | | | | | | | | 61 | 61 | 60 | 24 | | |
| 46/ 45 | | .6 | .6 | 1.8 | 1.1 | 1.5 | .5 | | | | | | | | | | | 58 | 58 | 66 | 24 | | |
| 44/ 43 | .2 | .4 | 1.5 | .9 | 1.5 | 1.2 | .3 | .1 | | | | | | | | | | 56 | 56 | 61 | 35 | | |
| 42/ 41 | | 1.2 | 1.7 | 1.4 | 1.7 | .5 | .1 | | | | | | | | | | | 62 | 62 | 64 | 36 | | |
| 40/ 39 | .3 | 1.7 | 1.5 | 1.0 | 1.0 | .3 | | | | | | | | | | | | 54 | 55 | 79 | 47 | | |
| 38/ 37 | | 1.9 | 1.0 | 2.0 | .8 | .1 | .1 | | | | | | | | | | | 55 | 55 | 88 | 52 | | |
| 36/ 35 | .1 | .8 | 2.0 | 1.7 | .9 | .1 | | | | | | | | | | | | 52 | 52 | 71 | 48 | | |
| 34/ 33 | | 1.4 | 1.2 | .8 | .5 | | | | | | | | | | | | | 36 | 36 | 66 | 54 | | |
| 32/ 31 | | 1.3 | 1.4 | 1.3 | .3 | | | | | | | | | | | | | 40 | 40 | 57 | 74 | | |
| 30/ 29 | | .2 | .6 | .9 | | | | | | | | | | | | | | 16 | 16 | 48 | 61 | | |
| 28/ 27 | | .4 | 1.0 | .6 | | | | | | | | | | | | | | 19 | 19 | 32 | 48 | | |
| 26/ 25 | | | .9 | .1 | | | | | | | | | | | | | | 9 | 9 | 24 | 57 | | |
| 24/ 23 | | | .6 | | | | | | | | | | | | | | | 6 | 6 | 21 | 50 | | |
| 22/ 21 | | .3 | .1 | .1 | | | | | | | | | | | | | | 5 | 5 | 15 | 59 | | |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 4 | 62 | | |
| 18/ 17 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 3 | 28 | | |
| 16/ 15 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 21 | | |
| 14/ 13 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 21 | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 1 | 24 | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 1 | 19 | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 5 | | |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | DEC 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 6 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -9 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | .6 | 12.6 | 20.8 | 20.9 | 14.3 | 10.3 | 8.3 | 5.4 | 4.0 | 1.7 | .5 | .3 | .1 | | | | 928 | 929 | 928 | |

| 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. | 3316108 | 52450 | 56.5 | 19.477 | 928 | | | | | | | |
| Dry Bulb | 2139668 | 43328 | 46.6 | 11.318 | 929 | | 9.9 | 3.7 | .2 | | | 93 |
| Wet Bulb | 1544674 | 36864 | 39.7 | 9.306 | 928 | | 20.7 | | | | | 93 |
| Dew Point | 983623 | 28151 | 30.3 | 11.827 | 928 | .4 | 54.5 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 73-82 DEC
STATION STATION NAME YEARS 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 |
| 82/ 81 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | | | | | | | .2 | .1 | .2 | .1 | | | 6 | 6 | | |
| 78/ 77 | | | | | | | | .1 | | .1 | .4 | .2 | .3 | .2 | | | | 13 | 13 | | |
| 76/ 75 | | | | | | .1 | .3 | .1 | .1 | .3 | .2 | .2 | .4 | | | | | 17 | 17 | | |
| 74/ 73 | | | | | | .2 | .2 | .1 | .1 | .3 | .8 | .5 | .5 | .1 | | | | 27 | 27 | | |
| 72/ 71 | | | | | .2 | | .3 | .1 | .4 | .8 | .8 | .5 | .2 | | | | | 36 | 36 | | |
| 70/ 69 | | | | .2 | .3 | | .9 | .2 | .5 | .8 | .8 | .4 | .1 | | | | | 36 | 36 | | |
| 68/ 67 | | | | | .5 | .2 | .3 | .4 | .4 | .9 | .5 | .1 | | | | | | 32 | 32 | | |
| 66/ 65 | | | | .4 | .6 | .9 | .3 | .9 | 1.2 | 1.2 | .2 | .1 | | | | | | 54 | 54 | 2 | |
| 64/ 63 | | | | .1 | .2 | .6 | .8 | .5 | 1.1 | .9 | .4 | | | | | | | 43 | 43 | 9 | |
| 62/ 61 | | | .2 | .2 | .3 | .8 | .8 | 1.0 | 1.2 | .8 | .1 | | | | | | | 49 | 49 | 11 | |
| 60/ 59 | | | .1 | .6 | .6 | .8 | 1.0 | 1.9 | .9 | 1.0 | .1 | | | | | | | 65 | 65 | 15 | 6 |
| 58/ 57 | | | .4 | .1 | .4 | 1.1 | .4 | 1.6 | 1.1 | .9 | .1 | | | | | | | 54 | 54 | 28 | 6 |
| 56/ 55 | | | .6 | .3 | .9 | .9 | 1.2 | 1.1 | .9 | .3 | | | | | | | | 57 | 57 | 31 | 12 |
| 54/ 53 | | .3 | .3 | .3 | .5 | 1.1 | .6 | 1.1 | .3 | .1 | | | | | | | | 44 | 44 | 59 | 11 |
| 52/ 51 | | .1 | .4 | 1.2 | .6 | .6 | 1.1 | .9 | | | | | | | | | | 46 | 46 | 67 | 13 |
| 50/ 49 | | .1 | .2 | .3 | 1.2 | .8 | 1.8 | .9 | .1 | | | | | | | | | 47 | 47 | 69 | 26 |
| 48/ 47 | | .5 | .8 | .6 | .9 | 1.7 | .9 | .5 | | | | | | | | | | 55 | 55 | 79 | 21 |
| 46/ 45 | | .3 | .1 | .4 | .9 | 1.7 | | .3 | | | | | | | | | | 34 | 34 | 73 | 23 |
| 44/ 43 | | 1.0 | 1.1 | .4 | .8 | .8 | .3 | | | | | | | | | | | 40 | 40 | 69 | 32 |
| 42/ 41 | | .9 | .6 | .3 | .3 | .6 | .3 | | | | | | | | | | | 29 | 29 | 72 | 40 |
| 40/ 39 | | .6 | .1 | .8 | .4 | .6 | | | | | | | | | | | | 24 | 24 | 77 | 60 |
| 38/ 37 | .3 | .1 | .3 | .4 | 1.5 | .5 | | | | | | | | | | | | 30 | 30 | 64 | 48 |
| 36/ 35 | | .6 | .6 | .4 | .8 | .2 | | | | | | | | | | | | 25 | 25 | 40 | 50 |
| 34/ 33 | | 1.2 | .1 | .5 | .8 | .2 | | | | | | | | | | | | 26 | 26 | 30 | 50 |
| 32/ 31 | | .3 | .6 | .9 | .1 | | | | | | | | | | | | | 18 | 18 | 36 | 80 |
| 30/ 29 | | | .2 | .5 | .2 | | | | | | | | | | | | | 9 | 9 | 30 | 44 |
| 28/ 27 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 24 | 49 |
| 26/ 25 | | .4 | | | .2 | | | | | | | | | | | | | 6 | 6 | 18 | 52 |
| 24/ 23 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 13 | 40 |
| 22/ 21 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 1 | 58 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 2 | 64 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 27 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 23 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-82 YEARS | DEC 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. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14/ 13 | | | | | | | | | | | | | | | | | | | 37 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | 18 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | 18 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | 6 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | 4 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | 5 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | 1 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .3 | 7.1 | 7.1 | 9.4 | 13.3 | 14.4 | 11.2 | 11.9 | 8.3 | 7.8 | 4.4 | 2.4 | 1.8 | .5 | .1 | | 930 | 930 | 930 |

| 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. | 2192714 | 41126 | 44.2 | 20.766 | 930 | | | | | | | |
| Dry Bulb | 2901355 | 50633 | 54.4 | 12.460 | 930 | | 4.0 | 16.8 | 6.4 | .4 | | 93 |
| Wet Bulb | 1854062 | 40644 | 43.7 | 9.151 | 930 | | 12.5 | | | | | 93 |
| Dew Point | 999771 | 28341 | 30.5 | 12.104 | 930 | .3 | 53.2 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72266 DYESS AFB TX 73-82 DEC
STATION STATION NAME YEARS MONTH



| 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. | TOTAL W.B. | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92/ 81 | | | | | | | | | | | | | .2 | | | .1 | | 3 | 3 | | | |
| 80/ 79 | | | | | | | | | | | | .2 | .2 | .4 | | | | 6 | 8 | | | |
| 78/ 77 | | | | | | | | .1 | | .1 | .5 | | .2 | .3 | | | | 12 | 12 | | | |
| 76/ 75 | | | | | | | .1 | .4 | .3 | .4 | .4 | .1 | .9 | .3 | | | | 28 | 28 | | | |
| 74/ 73 | | | | | | .2 | .7 | .7 | .6 | .4 | .4 | .9 | .8 | .1 | | | | 36 | 36 | | | |
| 72/ 71 | | | | | .3 | .3 | .2 | .1 | .5 | .4 | 1.1 | .6 | .2 | | | | | 36 | 36 | | | |
| 70/ 69 | | | | .1 | .2 | .1 | .4 | .7 | .7 | 1.2 | 1.3 | .4 | .2 | | | | | 42 | 42 | | | |
| 68/ 67 | | | | | .5 | .9 | .9 | .3 | .9 | .6 | .3 | .2 | | | | | | 41 | 41 | | | |
| 66/ 65 | | | | | .4 | .2 | 1.1 | .7 | .9 | .5 | .9 | .4 | | | | | | 48 | 48 | | | |
| 64/ 63 | | | | | .2 | .4 | .4 | .6 | 1.4 | 1.4 | .9 | .3 | | | | | | 53 | 53 | 8 | | |
| 62/ 61 | | | | .2 | .4 | .3 | 1.7 | 1.3 | .9 | 1.7 | .4 | | | | | | | 64 | 64 | 14 | | |
| 60/ 59 | | | | .3 | .1 | 1.3 | .9 | 1.3 | 1.1 | 1.1 | .1 | | | | | | | 56 | 58 | 22 | 3 | |
| 58/ 57 | | | | .2 | | 1.4 | 1.3 | 1.1 | 1.3 | .4 | | | | | | | | 51 | 51 | 36 | 6 | |
| 56/ 55 | | | .3 | .4 | .1 | 1.2 | 1.4 | 1.4 | 1.4 | .3 | | | | | | | | 61 | 61 | 32 | 11 | |
| 54/ 53 | | .1 | .2 | .2 | .4 | 1.0 | .3 | 1.9 | .4 | | | | | | | | | 39 | 39 | 49 | 5 | |
| 52/ 51 | | .3 | .5 | .3 | .5 | 1.2 | 2.7 | 1.3 | .2 | | | | | | | | | 65 | 65 | 75 | 18 | |
| 50/ 49 | | .1 | .4 | | .3 | .6 | 1.4 | .9 | | | | | | | | | | 34 | 34 | 85 | 17 | |
| 48/ 47 | | .4 | .4 | .5 | .8 | 1.0 | .9 | .3 | .3 | | | | | | | | | 41 | 41 | 70 | 16 | |
| 46/ 45 | | .2 | .3 | .4 | .9 | .3 | .4 | .7 | | | | | | | | | | 27 | 27 | 89 | 42 | |
| 44/ 43 | | .6 | .9 | .2 | .2 | .1 | .3 | | | | | | | | | | | 21 | 21 | 63 | 22 | |
| 42/ 41 | | .4 | .3 | .2 | .9 | .6 | 1.7 | .3 | | | | | | | | | | 34 | 34 | 77 | 22 | |
| 40/ 39 | | .6 | .1 | .4 | .4 | 1.3 | | | | | | | | | | | | 24 | 24 | 86 | 56 | |
| 38/ 37 | .1 | .3 | .3 | .6 | 1.1 | .5 | | | | | | | | | | | | 27 | 27 | 53 | 43 | |
| 36/ 35 | .3 | .2 | .4 | .1 | .1 | .3 | | | | | | | | | | | | 14 | 14 | 27 | 60 | |
| 34/ 33 | | 2.3 | .5 | .5 | .1 | .2 | | | | | | | | | | | | 32 | 32 | 26 | 57 | |
| 32/ 31 | | .3 | .1 | .8 | | .3 | | | | | | | | | | | | 13 | 13 | 42 | 77 | |
| 30/ 29 | | | .2 | .8 | .2 | | | | | | | | | | | | | 11 | 11 | 36 | 53 | |
| 28/ 27 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 12 | 26 | |
| 26/ 25 | | .6 | | | | | | | | | | | | | | | | 6 | 6 | 15 | 55 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 12 | 36 | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 03 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 79 | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 34 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 25 | |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 | ODESSA AFB TX | 73-82 | DEC

STATION | STATION NAME | YEARS | MONTH

PAGE 2 1500-1700

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104/ 13 | | | | | | | | | | | | | | | | | | | | | 33 |
| 103/ 11 | | | | | | | | | | | | | | | | | | | | | 21 |
| 102/ 9 | | | | | | | | | | | | | | | | | | | | | 16 |
| 9/ 7 | | | | | | | | | | | | | | | | | | | | | 10 |
| 8/ 5 | | | | | | | | | | | | | | | | | | | | | 11 |
| 6/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 5/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ -1 | | | | | | | | | | | | | | | | | | | | | 4 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .4 | 3.5 | 5.2 | 6.5 | 9.5 | 13.4 | 15.7 | 11.9 | 10.2 | 8.7 | 6.7 | 3.2 | 2.7 | 1.2 | | | .1 | 930 | 930 | 930 | 930 |

| 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. | 1908390 | 37760 | 40.6 | 20.098 | 930 | | | | | | | |
| Dry Bulb | 3066114 | 52122 | 56.0 | 12.490 | 930 | | 3.1 | 20.6 | 8.7 | .6 | | 93 |
| Wet Bulb | 1886812 | 41066 | 44.2 | 8.892 | 930 | | 12.0 | | | | | 93 |
| Dew Point | 944480 | 27392 | 29.5 | 12.174 | 930 | .9 | 55.2 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PAGE 1 1800-2000 (HOURS)

| 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. | TOTAL W.B. | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 71 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | | |
| 70/ 69 | | | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | 9 | 9 | | | |
| 68/ 67 | | | | .4 | .3 | .1 | .1 | .3 | .1 | .1 | .2 | .1 | | | | | | 16 | 16 | | | |
| 66/ 65 | | | | .1 | .9 | .1 | .3 | .1 | .2 | .3 | .2 | | | | | | | 18 | 18 | | | |
| 64/ 63 | | | | .1 | .4 | .4 | .2 | .2 | .4 | .4 | .1 | | | | | | | 28 | 28 | 1 | | |
| 62/ 61 | | .1 | .3 | .3 | .2 | 1.2 | .3 | .4 | .9 | .3 | .4 | | | | | | | 41 | 41 | 9 | | |
| 60/ 59 | | | .3 | .2 | .9 | .5 | .6 | .4 | .8 | .4 | .2 | | | | | | | 43 | 43 | 7 | 3 | |
| 58/ 57 | | | .1 | .5 | .3 | 1.1 | 1.1 | .2 | .4 | .2 | | | | | | | | 41 | 41 | 14 | 7 | |
| 56/ 55 | | | .3 | .4 | 1.1 | .8 | 1.1 | .5 | .3 | .1 | | | | | | | | 47 | 47 | 14 | 7 | |
| 54/ 53 | | .2 | .3 | 1.1 | 1.2 | 1.6 | .3 | 1.1 | .3 | .1 | | | | | | | | 59 | 59 | 17 | 6 | |
| 52/ 51 | | .2 | 1.1 | .6 | 1.4 | 1.5 | 1.2 | .3 | .1 | | | | | | | | | 64 | 64 | 30 | 10 | |
| 50/ 49 | | .5 | .4 | .6 | 2.3 | .9 | 1.3 | 1.1 | | | | | | | | | | 70 | 70 | 39 | 8 | |
| 48/ 47 | | .8 | .4 | .5 | 1.3 | 1.1 | 1.3 | .2 | | | | | | | | | | 60 | 60 | 69 | 19 | |
| 46/ 45 | | .9 | 1.1 | 2.0 | 1.7 | 2.0 | .3 | .2 | | | | | | | | | | 81 | 81 | 65 | 33 | |
| 44/ 43 | | .6 | 1.4 | .5 | 1.3 | 1.6 | .6 | | | | | | | | | | | 57 | 57 | 81 | 27 | |
| 42/ 41 | | .5 | 1.4 | 1.3 | 1.1 | .9 | .1 | | | | | | | | | | | 48 | 48 | 73 | 30 | |
| 40/ 39 | | .9 | 1.4 | 1.2 | 1.1 | .9 | .3 | | | | | | | | | | | 59 | 59 | 95 | 42 | |
| 38/ 37 | .1 | .8 | .8 | 1.1 | 1.5 | .2 | | | | | | | | | | | | 41 | 41 | 76 | 38 | |
| 36/ 35 | .1 | 1.0 | .9 | 1.0 | .8 | .2 | | | | | | | | | | | | 36 | 36 | 83 | 63 | |
| 34/ 33 | .2 | 1.3 | .4 | 1.1 | .6 | .2 | | | | | | | | | | | | 36 | 36 | 67 | 54 | |
| 32/ 31 | | .6 | .5 | 1.4 | .3 | .2 | | | | | | | | | | | | 29 | 29 | 61 | 61 | |
| 30/ 29 | | .3 | .5 | .6 | .4 | | | | | | | | | | | | | 16 | 18 | 38 | 47 | |
| 28/ 27 | | | .4 | .6 | .2 | | | | | | | | | | | | | 12 | 12 | 26 | 50 | |
| 26/ 25 | | .2 | .2 | .5 | .2 | | | | | | | | | | | | | 11 | 11 | 23 | 55 | |
| 24/ 23 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 23 | 34 | |
| 22/ 21 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 9 | 60 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 8 | 64 | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 1 | 38 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 55 | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 22 | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 21 | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 16 | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 5 | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 9 | |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

722665 | DYESS AFB TX | 73-82 | DEC

STATION | STATION NAME | YEARS | MONTH

 1800-2200 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 Po |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | |
| -10/ -11 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .4 | 9.4 | 12.3 | 16.7 | 20.5 | 15.7 | 10.1 | 7.4 | 4.0 | 2.0 | 1.2 | .1 | | | | | | | 930 | | 93 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| 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. | 2775876 | 47512 | 51.1 | 19.370 | 930 | | | | | | | |
| Dry Bulb | 2200702 | 44219 | 47.5 | 10.326 | 930 | | 7.5 | 2.6 | | | | |
| Wet Bulb | 1527988 | 36842 | 39.6 | 8.586 | 930 | | 19.0 | | | | | |
| Dew Point | 890140 | 26480 | 28.5 | 12.107 | 930 | 1.5 | 58.3 | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) DEC (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 |
| 69/ 67 | | | | .1 | .1 | | .1 | | | | | | | | | | | | | 3 | 3 | | |
| 66/ 65 | | | .1 | .9 | | .1 | .1 | .2 | | .1 | | | | | | | | | | 11 | 11 | | |
| 64/ 63 | | | .5 | .2 | .3 | .4 | .1 | .3 | .2 | | | | | | | | | | | 20 | 20 | 1 | |
| 62/ 61 | | | .2 | .2 | .6 | .5 | .1 | .1 | .1 | | | | | | | | | | | 18 | 18 | 4 | |
| 60/ 59 | | .3 | .1 | .2 | .1 | .2 | .4 | .5 | | .1 | | | | | | | | | | 19 | 19 | 8 | 1 |
| 58/ 57 | | .1 | .3 | .2 | .2 | .6 | .3 | .6 | .3 | .2 | .1 | | | | | | | | | 29 | 29 | 12 | 12 |
| 56/ 55 | | | .4 | .5 | .8 | 1.0 | .6 | .4 | .2 | .1 | | | | | | | | | | 38 | 38 | 6 | 5 |
| 54/ 53 | | | .8 | 1.3 | 1.0 | 1.3 | .8 | .5 | .3 | .1 | | | | | | | | | | 55 | 55 | 15 | 3 |
| 52/ 51 | | .3 | 1.1 | .9 | .8 | .4 | .9 | .5 | .1 | | | | | | | | | | | 47 | 47 | 18 | 10 |
| 50/ 49 | | .4 | 1.0 | .8 | .2 | .9 | .8 | .1 | .1 | | | | | | | | | | | 39 | 39 | 31 | 8 |
| 48/ 47 | | 1.0 | 1.0 | 1.5 | 1.5 | 2.5 | .4 | .4 | | | | | | | | | | | | 77 | 77 | 45 | 23 |
| 46/ 45 | | 1.8 | 1.6 | 1.7 | .9 | 1.3 | .2 | | | | | | | | | | | | | 70 | 70 | 54 | 22 |
| 44/ 43 | .1 | .9 | .8 | 1.8 | 1.1 | .5 | .3 | .1 | | | | | | | | | | | | 50 | 50 | 74 | 27 |
| 42/ 41 | | .9 | 2.3 | 2.0 | 1.5 | .4 | | | | | | | | | | | | | | 66 | 66 | 49 | 36 |
| 40/ 39 | | 1.1 | 2.6 | 1.3 | 2.4 | .6 | | | | | | | | | | | | | | 74 | 74 | 86 | 35 |
| 38/ 37 | | 1.4 | 1.6 | 1.7 | 1.4 | .4 | | | | | | | | | | | | | | 61 | 61 | 90 | 54 |
| 36/ 35 | .2 | 2.4 | 2.2 | 1.7 | .3 | | | | | | | | | | | | | | | 63 | 63 | 75 | 57 |
| 34/ 33 | .3 | 1.1 | 1.9 | 1.9 | .2 | .1 | | | | | | | | | | | | | | 52 | 52 | 83 | 35 |
| 32/ 31 | | 1.1 | 1.7 | 2.5 | .4 | .1 | | | | | | | | | | | | | | 54 | 54 | 86 | 84 |
| 30/ 29 | | .5 | .8 | .6 | .1 | | | | | | | | | | | | | | | 19 | 19 | 49 | 53 |
| 28/ 27 | | .2 | 1.8 | .6 | | | | | | | | | | | | | | | | 25 | 25 | 44 | 62 |
| 26/ 25 | | .1 | .8 | .2 | .2 | | | | | | | | | | | | | | | 12 | 12 | 30 | 57 |
| 24/ 23 | | .3 | .6 | .8 | | | | | | | | | | | | | | | | 16 | 16 | 30 | 39 |
| 22/ 21 | | .2 | .5 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 15 | 60 |
| 20/ 19 | | .1 | | .2 | | | | | | | | | | | | | | | | 3 | 3 | 14 | 62 |
| 18/ 17 | | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 48 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 2 | 45 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 2 | 18 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | 21 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | 13 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | 6 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | 11 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | | 6 |
| 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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) DEC (MONTH)

 2100-2300 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -1/ -1 | | | | | | | | | | | | | | | | | | | 3 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | 3 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | 3 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | 1 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .6 | 14.2 | 24.6 | 23.9 | 14.0 | 11.5 | 5.1 | 4.1 | 1.3 | .6 | .1 | | | | | | | 930 | 930 |
| | | | | | | | | | | | | | | | | | | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≤67 F | ≤73 F | ≤80 F | ≤93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ref. Hum. | 3506014 | 54444 | 58.5 | 18.523 | 930 | | | | | | | |
| Dry Bulb | 1844594 | 40336 | 43.4 | 10.120 | 930 | | 13.8 | .3 | | | | 93 |
| Wet Bulb | 1371540 | 34750 | 37.4 | 8.870 | 930 | | 27.9 | | | | | 93 |
| Dew Point | 883649 | 26465 | 28.5 | 11.854 | 930 | 1.2 | 60.2 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (YEARS) DEC (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 82 / 81 | | | | | | | | | | | | | .0 | | | .0 | | 4 | 4 | | |
| 80 / 79 | | | | | | | | | | | | .1 | .0 | .1 | .0 | | | 14 | 14 | | |
| 78 / 77 | | | | | | | | .1 | | .0 | .1 | .0 | .1 | .1 | | | | 25 | 25 | | |
| 76 / 75 | | | | | | .0 | .1 | .1 | .1 | .1 | .1 | .0 | .2 | .0 | | | | 45 | 45 | | |
| 74 / 73 | | | | | | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .2 | .0 | | | | 65 | 65 | | |
| 72 / 71 | | | | | .1 | .0 | .1 | .1 | .1 | .2 | .2 | .2 | .1 | | | | | 81 | 81 | | |
| 70 / 69 | | | | .1 | .1 | .0 | .1 | .1 | .1 | .3 | .3 | .1 | .0 | | | | | 102 | 102 | | |
| 68 / 67 | | | .0 | .1 | .2 | .1 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | 105 | 105 | | |
| 66 / 65 | | | .3 | .2 | .3 | .2 | .2 | .3 | .4 | .3 | .2 | .1 | | | | | | 176 | 176 | 2 | |
| 64 / 63 | | .0 | .3 | .2 | .2 | .3 | .3 | .3 | .5 | .4 | .2 | .0 | | | | | | 206 | 206 | 28 | |
| 62 / 61 | .0 | .0 | .3 | .2 | .3 | .5 | .5 | .4 | .4 | .4 | .1 | | | | | | | 229 | 229 | 68 | 1 |
| 60 / 59 | | .1 | .2 | .3 | .4 | .5 | .5 | .6 | .5 | .4 | .1 | | | | | | | 269 | 269 | 73 | 45 |
| 58 / 57 | | .1 | .5 | .3 | .2 | .7 | .5 | .7 | .4 | .2 | .0 | | | | | | | 268 | 268 | 138 | 53 |
| 56 / 55 | | .1 | .6 | .5 | .7 | .7 | .7 | .7 | .5 | .1 | | | | | | | | 342 | 342 | 129 | 49 |
| 54 / 53 | | .3 | .6 | .7 | .7 | .9 | .5 | .3 | .2 | .0 | | | | | | | | 341 | 341 | 209 | 72 |
| 52 / 51 | | .4 | .8 | .8 | .7 | 1.0 | 1.0 | .7 | .1 | | | | | | | | | 418 | 418 | 294 | 88 |
| 50 / 49 | .0 | .5 | .8 | .8 | .9 | 1.0 | 1.1 | .4 | .1 | | | | | | | | | 399 | 399 | 334 | 141 |
| 48 / 47 | .0 | .8 | .9 | 1.0 | 1.0 | 1.2 | .6 | .3 | .0 | | | | | | | | | 426 | 426 | 427 | 139 |
| 46 / 45 | .0 | 1.1 | .9 | 1.2 | 1.1 | 1.2 | .3 | .1 | | | | | | | | | | 440 | 440 | 477 | 196 |
| 44 / 43 | .2 | .8 | 1.3 | 1.0 | 1.0 | .8 | .3 | .1 | | | | | | | | | | 400 | 400 | 496 | 242 |
| 42 / 41 | .0 | 1.0 | 1.4 | 1.2 | 1.2 | .5 | .3 | .1 | | | | | | | | | | 420 | 420 | 507 | 257 |
| 40 / 39 | .1 | 1.2 | 1.4 | 1.1 | 1.2 | .5 | .1 | | | | | | | | | | | 412 | 413 | 639 | 339 |
| 38 / 37 | .1 | 1.4 | 1.3 | 1.3 | 1.2 | .3 | .0 | | | | | | | | | | | 417 | 417 | 565 | 383 |
| 36 / 35 | .1 | 1.6 | 1.5 | 1.4 | .6 | .1 | | | | | | | | | | | | 396 | 396 | 521 | 411 |
| 34 / 33 | .2 | 1.6 | 1.3 | 1.4 | .4 | .2 | | | | | | | | | | | | 387 | 387 | 522 | 388 |
| 32 / 31 | .0 | 1.3 | 1.6 | 1.5 | .2 | .1 | | | | | | | | | | | | 357 | 357 | 494 | 589 |
| 30 / 29 | .1 | .6 | 1.1 | .8 | .2 | | | | | | | | | | | | | 222 | 222 | 418 | 455 |
| 28 / 27 | .0 | .7 | 1.2 | .4 | .1 | | | | | | | | | | | | | 183 | 183 | 337 | 420 |
| 26 / 25 | | .3 | .8 | .2 | .1 | | | | | | | | | | | | | 105 | 105 | 284 | 426 |
| 24 / 23 | | .4 | .5 | .1 | | | | | | | | | | | | | | 72 | 72 | 196 | 305 |
| 22 / 21 | .0 | .3 | .3 | .1 | | | | | | | | | | | | | | 58 | 58 | 126 | 478 |
| 20 / 19 | | .1 | .2 | .0 | | | | | | | | | | | | | | 26 | 26 | 81 | 542 |
| 18 / 17 | | .1 | .1 | .0 | | | | | | | | | | | | | | 11 | 11 | 36 | 353 |
| 16 / 15 | | .1 | .0 | | | | | | | | | | | | | | | 7 | 7 | 15 | 284 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 — STATION
DYESS AFB TX — STATION NAME
73-82 — YEARS
DEC — MONTH
PAGE 2
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 | | | | | |
| 14/ 13 | | .0 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 9 | 215 |
| 12/ 11 | | | .1 | | | | | | | | | | | | | | | | 4 | 4 | 5 | 172 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 | 118 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 | 71 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | 62 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 43 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | 43 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | 16 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | 13 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | | 6 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | 6 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | | 9 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | | 8 |
| TOTAL | 1.0 | 19.1 | 20.3 | 17.1 | 13.0 | 10.8 | 7.3 | 5.9 | 3.7 | 2.7 | 1.6 | .8 | .6 | .2 | .0 | .0 | | | 7438 | 7439 | 7438 | 7438 |

| 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. | 26100348 | 412484 | 55.5 | 20.826 | 7438 | | | | | | | |
| Dry Bulb | 17016436 | 343538 | 46.2 | 12.443 | 7439 | | 105.1 | 44.1 | 15.3 | 1.0 | | 744 |
| Wet Bulb | 11989846 | 289810 | 39.0 | 9.687 | 7438 | | 201.0 | | | | | 744 |
| Dew Point | 7337424 | 215720 | 29.0 | 12.756 | 7438 | 5.8 | 463.5 | | | | | 744 |

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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-83 (YEARS) ALL (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 | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110/109 | | | | | | | | | | | | | | | | | .0 | 1 | 1 | | |
| 108/107 | | | | | | | | | | | | | | | | | .0 | 6 | 6 | | |
| 106/105 | | | | | | | | | | | | | | | .0 | .0 | .0 | 25 | 25 | | |
| 104/103 | | | | | | | | | | | | | | .0 | .0 | .0 | .0 | 76 | 76 | | |
| 102/101 | | | | | | | | | | | | | .0 | .0 | .1 | .1 | .1 | 203 | 203 | | |
| 100/ 99 | | | | | | | | | | | | .0 | .0 | .1 | .2 | .1 | .1 | 410 | 410 | | |
| 98/ 97 | | | | | | | | | | | .0 | .1 | .2 | .2 | .2 | .1 | .0 | 710 | 710 | | |
| 96/ 95 | | | | | | | | | .0 | .0 | .1 | .3 | .4 | .3 | .1 | .0 | .0 | 1043 | 1044 | | |
| 94/ 93 | | | | | | | .1 | .0 | .0 | .1 | .4 | .5 | .3 | .2 | .1 | .0 | .0 | 1402 | 1402 | | |
| 92/ 91 | | | | | | | .2 | .1 | .1 | .4 | .6 | .3 | .2 | .1 | .0 | .0 | .0 | 1593 | 1593 | | |
| 90/ 89 | | | | | | .0 | .2 | .1 | .4 | .6 | .5 | .3 | .1 | .1 | .0 | .0 | .0 | 1817 | 1817 | | |
| 88/ 87 | | | | | | .0 | .0 | .4 | .5 | .6 | .3 | .2 | .1 | .1 | .1 | .0 | .0 | 1976 | 1976 | | |
| 86/ 85 | | | | | .2 | .1 | .3 | .5 | .7 | .4 | .3 | .1 | .1 | .1 | .0 | .0 | | 2275 | 2275 | | |
| 84/ 83 | | | | .0 | .0 | .2 | .5 | .5 | .5 | .3 | .2 | .1 | .1 | .1 | .1 | .0 | | 2582 | 2582 | | |
| 82/ 81 | | | | .0 | .2 | .4 | .8 | .7 | .5 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | | 2915 | 2915 | | |
| 80/ 79 | | | .0 | .1 | .4 | .9 | .9 | .6 | .3 | .2 | .2 | .1 | .1 | .1 | .0 | | | 3385 | 3385 | 10 | |
| 78/ 77 | | | .0 | .3 | .8 | 1.2 | .6 | .4 | .2 | .2 | .2 | .1 | .1 | .1 | .0 | | | 3696 | 3696 | 134 | |
| 76/ 75 | | .0 | .2 | .7 | 1.3 | .6 | .5 | .3 | .2 | .2 | .2 | .1 | .1 | .0 | | | | 4005 | 4005 | 936 | 6 |
| 74/ 73 | .0 | .0 | .4 | 1.0 | .8 | .6 | .3 | .3 | .2 | .2 | .2 | .1 | .1 | .0 | | | | 3676 | 3676 | 3170 | 57 |
| 72/ 71 | .0 | .2 | .7 | 1.0 | .5 | .5 | .3 | .3 | .2 | .2 | .2 | .1 | .1 | | | | | 3726 | 3727 | 5780 | 389 |
| 70/ 69 | .0 | .3 | 1.1 | .7 | .6 | .3 | .3 | .3 | .3 | .2 | .2 | .1 | .0 | | | | | 3866 | 3866 | 7013 | 1547 |
| 68/ 67 | .1 | .3 | .9 | .6 | .5 | .4 | .3 | .3 | .2 | .2 | .1 | .1 | .0 | | | | | 3501 | 3501 | 6949 | 3453 |
| 66/ 65 | .1 | .2 | .8 | .6 | .5 | .3 | .3 | .3 | .2 | .2 | .1 | .0 | | | | | | 3405 | 3405 | 5112 | 5430 |
| 64/ 63 | .0 | .4 | .5 | .6 | .4 | .3 | .3 | .3 | .3 | .2 | .1 | .0 | | | | | | 2994 | 2997 | 4120 | 6007 |
| 62/ 61 | .0 | .4 | .5 | .5 | .4 | .4 | .4 | .3 | .3 | .2 | .1 | | | | | | | 2987 | 2987 | 3828 | 5825 |
| 60/ 59 | .0 | .4 | .5 | .5 | .4 | .4 | .3 | .4 | .2 | .1 | .0 | | | | | | | 2967 | 2968 | 3455 | 5326 |
| 58/ 57 | .0 | .4 | .5 | .4 | .4 | .4 | .3 | .4 | .2 | .1 | .0 | | | | | | | 2760 | 2760 | 3501 | 4391 |
| 56/ 55 | .0 | .4 | .5 | .4 | .5 | .4 | .4 | .3 | .2 | .0 | | | | | | | | 2724 | 2724 | 3393 | 3686 |
| 54/ 53 | .0 | .4 | .4 | .5 | .5 | .5 | .3 | .2 | .1 | .0 | | | | | | | | 2500 | 2500 | 3157 | 3082 |
| 52/ 51 | .0 | .3 | .5 | .5 | .4 | .5 | .3 | .2 | .0 | .0 | | | | | | | | 2449 | 2450 | 3294 | 2929 |
| 50/ 49 | .0 | .4 | .6 | .5 | .6 | .4 | .3 | .1 | .0 | | | | | | | | | 2585 | 2585 | 3196 | 2556 |
| 48/ 47 | .0 | .5 | .5 | .6 | .5 | .3 | .2 | .1 | .0 | | | | | | | | | 2346 | 2346 | 3354 | 2455 |
| 46/ 45 | .0 | .5 | .5 | .6 | .5 | .3 | .1 | .0 | | | | | | | | | | 2170 | 2170 | 3327 | 2652 |
| 44/ 43 | .0 | .4 | .6 | .5 | .4 | .2 | .1 | .0 | | | | | | | | | | 1979 | 1979 | 3063 | 2474 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722665 STATION | DYESS AFB TX STATION NAME | 73-83 YEARS | ALL MONTH

 ALL HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 42/ 41 | .0 | .4 | .6 | .5 | .4 | .2 | .1 | .0 | | | | | | | | | | 1915 | 1915 | 3017 | 2730 |
| 40/ 39 | .0 | .4 | .6 | .5 | .3 | .1 | .0 | | | | | | | | | | | 1793 | 1794 | 2979 | 2807 |
| 38/ 37 | .0 | .6 | .5 | .4 | .3 | .1 | .0 | | | | | | | | | | | 1627 | 1627 | 2556 | 2571 |
| 36/ 35 | .0 | .6 | .5 | .4 | .2 | .0 | | | | | | | | | | | | 1539 | 1539 | 2319 | 2859 |
| 34/ 33 | .1 | .6 | .5 | .4 | .1 | .0 | | | | | | | | | | | | 1469 | 1469 | 2231 | 2632 |
| 32/ 31 | .1 | .5 | .6 | .3 | .1 | .0 | | | | | | | | | | | | 1395 | 1395 | 1888 | 3739 |
| 30/ 29 | .0 | .3 | .3 | .2 | .0 | | | | | | | | | | | | | 843 | 843 | 1456 | 2641 |
| 28/ 27 | .0 | .3 | .4 | .1 | .0 | | | | | | | | | | | | | 736 | 736 | 1255 | 2632 |
| 26/ 25 | .0 | .3 | .2 | .1 | .0 | | | | | | | | | | | | | 511 | 511 | 1011 | 2216 |
| 24/ 23 | .0 | .1 | .1 | .0 | | | | | | | | | | | | | | 252 | 252 | 782 | 1468 |
| 22/ 21 | .0 | .1 | .1 | .0 | | | | | | | | | | | | | | 288 | 288 | 468 | 1775 |
| 20/ 19 | .0 | .1 | .1 | .0 | | | | | | | | | | | | | | 220 | 220 | 307 | 2008 |
| 18/ 17 | .0 | .1 | .0 | .0 | | | | | | | | | | | | | | 117 | 117 | 218 | 1296 |
| 16/ 15 | | .1 | .0 | .0 | | | | | | | | | | | | | | 84 | 84 | 157 | 1123 |
| 14/ 13 | .0 | .0 | .0 | | | | | | | | | | | | | | | 44 | 44 | 101 | 785 |
| 12/ 11 | | .0 | .0 | | | | | | | | | | | | | | | 26 | 26 | 47 | 637 |
| 10/ 9 | | .0 | .0 | | | | | | | | | | | | | | | 18 | 18 | 31 | 455 |
| 8/ 7 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 16 | 279 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 3 | 174 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 171 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 179 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 78 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 47 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 16 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 10 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 11 |
| -10/ -11 | | | | | | | | | | | | | | | | | | | | | 11 |
| -12/ -13 | | | | | | | | | | | | | | | | | | | | | 7 |
| -14/ -15 | | | | | | | | | | | | | | | | | | | | | 12 |
| TOTAL | .9 | 10.4 | 14.6 | 13.4 | 12.0 | 10.1 | 8.4 | 7.5 | 5.8 | 4.9 | 4.0 | 2.9 | 2.0 | 1.4 | .9 | .5 | .4 | | 87642 | | 87634 |
| | | | | | | | | | | | | | | | | | | 87634 | | 87634 | |

| Elements (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. | 316091171 | 4949411 | 56.5 | 20.425 | 87634 | | | | | | | |
| Dry Bulb | 387839661 | 5607573 | 64.0 | 18.207 | 87642 | | 452.8 | 4289.0 | 3179.8 | 1877.5 | 387.7 | 8760 |
| Wet Bulb | 276037261 | 4753775 | 54.2 | 14.397 | 87634 | | 772.9 | 2399.9 | 425.1 | .1 | | 8760 |
| Dew Point | 210368841 | 4041079 | 46.1 | 16.557 | 87634 | 19.2 | 2174.2 | 545.3 | 6.3 | | | 8760 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722665 DYESS AFB TX 73-83
STATION STATION NAME YEARS

| HRS L S T | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-02 | MEAN | 38.4 | 42.6 | 50.7 | 58.5 | 65.6 | 73.5 | 77.6 | 76.7 | 69.9 | 59.9 | 49.1 | 41.9 | 56.8 |
| | S D | 10.914 | 11.260 | 10.483 | 9.129 | 8.022 | 6.130 | 4.700 | 5.063 | 8.092 | 9.629 | 10.822 | 10.218 | 16.208 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 03-05 | MEAN | 37.3 | 41.3 | 49.0 | 56.2 | 63.4 | 70.7 | 74.9 | 74.1 | 67.7 | 58.0 | 47.6 | 40.4 | 56.8 |
| | S D | 11.024 | 11.190 | 10.469 | 9.167 | 7.835 | 5.801 | 4.203 | 4.594 | 7.740 | 9.602 | 11.082 | 10.193 | 15.776 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 06-08 | MEAN | 35.6 | 40.2 | 48.3 | 56.7 | 64.5 | 72.0 | 76.0 | 74.5 | 67.8 | 57.6 | 46.8 | 39.1 | 56.7 |
| | S D | 10.968 | 10.872 | 10.390 | 8.900 | 7.774 | 5.617 | 4.357 | 4.639 | 7.831 | 9.497 | 11.086 | 10.253 | 16.429 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 09-11 | MEAN | 41.3 | 47.1 | 56.2 | 65.3 | 72.6 | 80.7 | 85.1 | 83.8 | 76.8 | 67.0 | 54.6 | 46.6 | 64.9 |
| | S D | 12.111 | 12.753 | 11.411 | 9.322 | 8.504 | 6.010 | 5.459 | 5.814 | 9.241 | 9.586 | 11.757 | 11.318 | 17.673 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 929 | 10955 |
| 12-14 | MEAN | 48.5 | 55.0 | 64.0 | 72.3 | 79.0 | 87.3 | 91.0 | 90.3 | 83.2 | 73.9 | 61.7 | 54.4 | 71.8 |
| | S D | 13.868 | 14.657 | 12.583 | 10.163 | 9.330 | 6.851 | 6.266 | 6.385 | 10.254 | 10.490 | 12.771 | 12.480 | 17.890 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 15-17 | MEAN | 51.0 | 58.1 | 67.0 | 74.8 | 81.1 | 89.5 | 92.5 | 92.0 | 84.8 | 75.0 | 63.0 | 56.0 | 73.8 |
| | S D | 14.240 | 15.180 | 12.617 | 10.158 | 9.539 | 7.540 | 7.571 | 6.963 | 10.452 | 11.015 | 12.795 | 12.490 | 17.898 |
| | TOTAL OBS | 930 | 847 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10957 |
| 18-20 | MEAN | 44.2 | 51.5 | 61.0 | 69.3 | 76.2 | 85.1 | 88.4 | 87.1 | 78.9 | 66.9 | 54.8 | 47.5 | 67.6 |
| | S D | 11.746 | 13.237 | 11.520 | 9.610 | 8.906 | 7.259 | 7.145 | 6.677 | 9.534 | 10.081 | 11.101 | 10.326 | 18.089 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 927 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| 21-23 | MEAN | 40.3 | 45.2 | 54.2 | 61.9 | 69.2 | 77.3 | 81.0 | 80.0 | 72.7 | 61.8 | 50.6 | 43.4 | 61.5 |
| | S D | 10.882 | 11.496 | 10.562 | 8.909 | 8.081 | 6.256 | 5.257 | 5.245 | 8.286 | 9.545 | 10.952 | 10.120 | 16.746 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 927 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| ALL HOURS | MEAN | 42.3 | 47.6 | 56.3 | 64.4 | 71.5 | 79.5 | 83.3 | 82.3 | 75.2 | 65.0 | 53.5 | 46.2 | 64.0 |
| | S D | 13.076 | 14.103 | 13.088 | 11.587 | 10.652 | 9.359 | 8.642 | 8.732 | 10.971 | 11.817 | 12.929 | 12.443 | 18.207 |
| | TOTAL OBS | 7443 | 6769 | 7440 | 7200 | 7434 | 7200 | 7440 | 7440 | 7200 | 7440 | 7200 | 7439 | 87642 |

USAFETAC FORM 0-84 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
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# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722565 DYESS AFB TX 73-83

STATION STATION NAME YEARS

| HRS LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01-02 | MEAN | 33.8 | 37.2 | 43.5 | 51.2 | 59.8 | 65.4 | 67.6 | 67.0 | 62.6 | 53.5 | 44.3 | 36.6 | 51.9 |
| | S D | 9.346 | 8.946 | 9.165 | 9.152 | 6.991 | 4.552 | 2.325 | 3.024 | 6.238 | 8.618 | 10.200 | 9.248 | 14.341 |
| | TOTAL OBS | 930 | 846 | 930 | 899 | 930 | 898 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| 03-05 | MEAN | 32.9 | 36.4 | 42.7 | 50.1 | 58.8 | 64.7 | 67.1 | 66.6 | 61.8 | 52.7 | 43.1 | 35.7 | 51.1 |
| | S D | 9.681 | 9.187 | 9.546 | 9.365 | 7.250 | 4.854 | 2.326 | 3.204 | 6.474 | 8.939 | 10.625 | 9.329 | 14.561 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 899 | 930 | 930 | 900 | 930 | 900 | 930 | 10955 |
| 06-08 | MEAN | 32.0 | 35.8 | 42.6 | 50.7 | 59.6 | 66.0 | 68.4 | 67.3 | 62.1 | 52.8 | 42.7 | 34.9 | 51.3 |
| | S D | 9.868 | 9.379 | 9.717 | 9.236 | 7.074 | 4.770 | 2.516 | 3.233 | 6.678 | 9.061 | 10.814 | 9.524 | 15.217 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 930 | 10955 |
| 09-11 | MEAN | 35.7 | 40.4 | 47.2 | 55.2 | 63.3 | 69.4 | 71.5 | 71.0 | 66.3 | 57.7 | 47.4 | 39.7 | 55.5 |
| | S D | 9.853 | 9.759 | 9.184 | 8.558 | 6.711 | 4.179 | 2.104 | 2.603 | 6.235 | 8.088 | 10.359 | 9.306 | 14.710 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 928 | 10954 |
| 12-14 | MEAN | 39.7 | 44.3 | 50.4 | 57.7 | 65.1 | 70.6 | 72.1 | 71.9 | 67.7 | 60.1 | 50.5 | 43.7 | 57.9 |
| | S D | 9.857 | 9.632 | 8.510 | 7.988 | 6.283 | 4.071 | 2.204 | 2.619 | 5.789 | 7.706 | 10.006 | 9.151 | 13.560 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 15-17 | MEAN | 40.3 | 45.5 | 51.1 | 58.1 | 65.1 | 70.2 | 71.6 | 71.4 | 67.3 | 59.7 | 50.7 | 44.2 | 58.0 |
| | S D | 9.624 | 9.352 | 7.748 | 7.427 | 5.907 | 3.978 | 2.229 | 2.618 | 5.510 | 7.328 | 9.681 | 8.892 | 12.944 |
| | TOTAL OBS | 930 | 847 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 930 | 10956 |
| 18-20 | MEAN | 37.1 | 42.0 | 48.1 | 55.7 | 63.3 | 68.5 | 70.1 | 69.7 | 65.3 | 56.5 | 46.8 | 39.6 | 55.3 |
| | S D | 8.985 | 8.862 | 7.868 | 7.710 | 5.994 | 3.859 | 2.239 | 2.681 | 5.573 | 7.730 | 9.611 | 8.586 | 13.674 |
| | TOTAL OBS | 931 | 846 | 930 | 900 | 927 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| 21-23 | MEAN | 34.7 | 38.6 | 45.0 | 52.9 | 61.2 | 66.4 | 68.3 | 67.8 | 63.3 | 54.3 | 44.7 | 37.4 | 52.9 |
| | S D | 9.015 | 8.677 | 8.498 | 8.595 | 6.607 | 4.219 | 2.351 | 2.934 | 5.878 | 8.229 | 10.062 | 8.870 | 14.103 |
| | TOTAL OBS | 931 | 846 | 930 | 900 | 927 | 899 | 930 | 930 | 900 | 930 | 900 | 930 | 10952 |
| ALL HOURS | MEAN | 35.6 | 40.0 | 46.3 | 53.9 | 62.0 | 67.7 | 69.6 | 69.1 | 64.6 | 55.9 | 46.2 | 39.0 | 54.2 |
| | S D | 9.975 | 9.840 | 9.357 | 9.032 | 7.015 | 4.831 | 2.941 | 3.508 | 6.456 | 8.696 | 10.590 | 9.687 | 14.397 |
| | TOTAL OBS | 7440 | 6769 | 7440 | 7199 | 7434 | 7196 | 7440 | 7438 | 7200 | 7440 | 7200 | 7438 | 87634 |

USAFETAC FORM 0-8-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

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# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

72265 DYESS AFB TX 73-83

(STATION) (STATION NAME) (YEARS)

| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-02 | MEAN | 26.5 | 29.3 | 34.7 | 43.8 | 55.8 | 60.5 | 62.0 | 61.6 | 57.9 | 48.0 | 38.1 | 28.6 | 45.6 |
| | S D | 10.927 | 10.781 | 12.14 | 13.2 | 8.346 | 5.848 | 4.158 | 4.544 | 7.344 | 10.674 | 12.402 | 12.056 | 16.512 |
| | TOTAL OBS | 930 | 846 | 930 | 899 | 930 | 898 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| 03-05 | MEAN | 26.2 | 29.3 | 34.9 | 43.7 | 55.5 | 61.1 | 62.8 | 62.3 | 57.9 | 47.9 | 37.8 | 28.3 | 45.7 |
| | S D | 11.115 | 11.031 | 12.398 | 13.019 | 8.487 | 5.674 | 3.784 | 4.326 | 7.511 | 10.868 | 12.767 | 12.029 | 16.782 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 899 | 930 | 930 | 900 | 930 | 900 | 930 | 10955 |
| 06-08 | MEAN | 26.6 | 29.3 | 35.4 | 44.4 | 56.2 | 62.7 | 64.4 | 63.5 | 58.6 | 48.6 | 37.6 | 27.9 | 46.3 |
| | S D | 11.379 | 11.240 | 12.362 | 12.838 | 8.143 | 5.495 | 3.594 | 4.317 | 7.606 | 10.823 | 13.046 | 12.070 | 17.286 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 930 | 10955 |
| 09-11 | MEAN | 27.5 | 31.9 | 37.3 | 46.1 | 57.4 | 63.5 | 65.0 | 64.7 | 60.2 | 50.5 | 39.5 | 30.3 | 47.9 |
| | S D | 11.301 | 11.329 | 11.892 | 12.933 | 8.526 | 5.519 | 3.537 | 3.722 | 7.479 | 10.768 | 13.115 | 11.827 | 16.854 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 928 | 10954 |
| 12-14 | MEAN | 26.[illegible] | 32.1 | 36.7 | 45.4 | 56.4 | 62.0 | 62.8 | 62.9 | 59.0 | 49.7 | 39.4 | 30.5 | 47.1 |
| | S D | 11.038 | 10.895 | 11.465 | 13.158 | 8.748 | 6.112 | 4.469 | 4.639 | 7.701 | 11.076 | 13.143 | 12.104 | 16.301 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 15-17 | MEAN | 27.7 | 31.3 | 35.1 | 44.0 | 55.0 | 60.0 | 61.0 | 61.0 | 57.3 | 48.0 | 38.6 | 29.5 | 45.8 |
| | S D | 10.789 | 10.704 | 11.121 | 13.060 | 8.933 | 6.519 | 4.921 | 4.896 | 7.935 | 10.767 | 12.968 | 12.174 | 15.949 |
| | TOTAL OBS | 930 | 847 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 930 | 10956 |
| 18-20 | MEAN | 26.7 | 30.0 | 33.7 | 43.2 | 54.7 | 59.3 | 60.4 | 60.4 | 57.0 | 47.9 | 38.1 | 28.5 | 45.1 |
| | S D | 10.902 | 10.765 | 11.644 | 13.477 | 8.884 | 6.373 | 5.223 | 5.129 | 7.897 | 10.821 | 12.463 | 12.107 | 16.178 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 927 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| 21-23 | MEAN | 26.4 | 29.6 | 34.2 | 44.0 | 55.8 | 60.0 | 61.2 | 61.1 | 57.4 | 48.0 | 37.9 | 28.5 | 45.4 |
| | S D | 10.875 | 10.682 | 11.744 | 13.249 | 8.229 | 6.201 | 4.923 | 4.927 | 7.493 | 10.604 | 12.417 | 11.854 | 16.361 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 927 | 899 | 930 | 930 | 900 | 930 | 900 | 930 | 10952 |
| ALL HOURS | MEAN | 26.[illegible] | 30.4 | 35.3 | 44.3 | 55.9 | 61.1 | 62.5 | 62.2 | 58.2 | 48.6 | 38.4 | 29.0 | 46.1 |
| | S D | 11.063 | 10.985 | 11.903 | 13.143 | 8.571 | 6.130 | 4.626 | 4.742 | 7.685 | 10.838 | 12.806 | 12.056 | 16.557 |
| | TOTAL OBS | 7440 | 6769 | 7440 | 7199 | 7434 | 7196 | 7440 | 7438 | 7200 | 7440 | 7200 | 7438 | 87634 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

[illegible] STATION [illegible] STATION NAME 74-83 PERIOD JAN 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 | [illegible] | 100.0 | 100.0 | 98.2 | 92.0 | 74.6 | 58.7 | 38.5 | 19.7 | 5.9 | [illegible] | [illegible] |
| | [illegible] | 100.0 | 100.0 | 99.4 | 94.1 | 81.6 | 64.2 | 42.8 | 21.4 | 6.0 | [illegible] | [illegible] |
| | 06-08 | 100.0 | 100.0 | 99.6 | 96.5 | 86.6 | 69.6 | 43.4 | 22.9 | 4.9 | [illegible] | [illegible] |
| | 09-11 | 100.0 | 99.5 | 95.4 | 84.2 | 68.2 | 50.4 | 31.7 | 18.1 | 4.2 | [illegible] | [illegible] |
| | 12-14 | 99.9 | 96.6 | 79.4 | 57.7 | 40.5 | 26.2 | 18.4 | 12.3 | 1.6 | [illegible] | [illegible] |
| | 15-17 | 99.7 | 92.6 | 70.5 | 48.8 | 33.1 | 22.2 | 16.1 | 10.1 | 1.7 | [illegible] | [illegible] |
| | 18-20 | 100.0 | 97.6 | 88.6 | 72.0 | 51.6 | 34.2 | 21.4 | 12.7 | 2.6 | [illegible] | [illegible] |
| | 21-23 | 100.0 | 99.2 | 96.6 | 84.8 | 69.5 | 51.3 | 29.4 | 18.3 | 4.2 | [illegible] | [illegible] |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | TOTALS | 100.0 | 98.2 | 91.0 | 78.6 | 63.3 | 47.4 | 30.8 | 17.[illegible] | 3.4 | [illegible] | 7443 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

72266 LYFSS AFB TX 74-83 FEB
STATION STATION NAME PERIOD 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 | | |
| FEB | 00-02 | 100.0 | 96.7 | 92.3 | 84.3 | 73.6 | 57.2 | 42.4 | 23.1 | 7.4 | 67.2 | 446 |
| | 03-05 | 100.0 | 98.0 | 93.7 | 86.1 | 77.4 | 61.5 | 47.4 | 26.1 | 8.9 | 68.6 | 445 |
| | 06-08 | 100.0 | 98.8 | 95.7 | 91.4 | 81.6 | 67.3 | 52.1 | 28.9 | 9.1 | 69.6 | 446 |
| | 09-11 | 100.0 | 96.6 | 89.1 | 74.0 | 67.4 | 51.7 | 34.7 | 20.2 | 6.3 | 64.2 | 445 |
| | 12-14 | 99.6 | 88.4 | 73.7 | 56.7 | 42.2 | 28.0 | 18.7 | 11.2 | 7.3 | 47.6 | 446 |
| | 15-17 | 98.9 | 79.2 | 63.2 | 46.8 | 32.9 | 20.3 | 14.4 | 9.2 | 5.6 | 42.4 | 447 |
| | 18-20 | 99.9 | 86.1 | 76.4 | 61.5 | 46.5 | 30.0 | 18.6 | 11.6 | 7.4 | 49.2 | 446 |
| | 21-23 | 100.0 | 95.7 | 88.4 | 78.8 | 64.8 | 50.1 | 31.3 | 16.7 | 5.4 | 59.8 | 446 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.8 | 92.7 | 84.1 | 73.3 | 60.9 | 45.8 | 32.4 | 18.4 | 8.8 | 56.9 | 4764 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

72[illegible] LYONS AFB TX 74-77 [illegible]
STATION STATION NAME PERIOD 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 | | |
| [illegible] | [illegible] | 1[illegible].0 | [illegible]8.2 | 91.[illegible] | [illegible].[illegible] | 65.1 | [illegible]3.[illegible] | 28.[illegible] | 10.[illegible] | 1.[illegible] | [illegible]7.[illegible] | [illegible]7 |
| | [illegible]-05 | 1[illegible].0 | [illegible]8.7 | [illegible]7.7 | [illegible]5.4 | 71.[illegible] | [illegible]3.2 | 34.4 | 14.3 | 1.6 | [illegible]1.1 | [illegible]7[illegible] |
| | [illegible]-08 | 1[illegible].0 | [illegible]9.7 | 95.9 | [illegible]9.[illegible] | 75.[illegible] | [illegible]9.2 | 39.4 | 16.[illegible] | [illegible].9 | [illegible].[illegible] | [illegible]7[illegible] |
| | 9-11 | 1[illegible].0 | [illegible]7.1 | [illegible]4.[illegible] | [illegible].3 | [illegible]7.[illegible] | [illegible]6.[illegible] | [illegible]0.1 | 6.[illegible] | 1.4 | [illegible]1.[illegible] | [illegible]7 |
| | 12-14 | [illegible]9.7 | 85.7 | [illegible]7.[illegible] | 48.4 | 28.4 | 17.5 | 9.6 | 4.[illegible] | 1.2 | 43.[illegible] | [illegible]7[illegible] |
| | 15-17 | [illegible]8.7 | 73.4 | 49.[illegible] | [illegible]1.[illegible] | 21.[illegible] | 13.[illegible] | [illegible].[illegible] | 2.[illegible] | .[illegible] | [illegible]5.[illegible] | [illegible]7 |
| | 18-20 | 9.7 | [illegible]2.[illegible] | 61.6 | [illegible]3.[illegible] | 29.[illegible] | 19.2 | 10.[illegible] | [illegible].[illegible] | .[illegible] | [illegible]7.[illegible] | [illegible]7 |
| | 21-23 | 1[illegible].0 | [illegible]5.2 | [illegible]2.4 | [illegible]5.[illegible] | 47.[illegible] | [illegible]2.[illegible] | 17.4 | 6.[illegible] | .9 | [illegible]0.[illegible] | [illegible]7 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | [illegible].[illegible] | 81.3 | [illegible]7.[illegible] | [illegible]3.6 | 49.[illegible] | [illegible]4.4 | [illegible]0.[illegible] | 8.1 | 1.[illegible] | [illegible].[illegible] | [illegible]44 |

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AD-A137 575 DYESS AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 21 SEP 83

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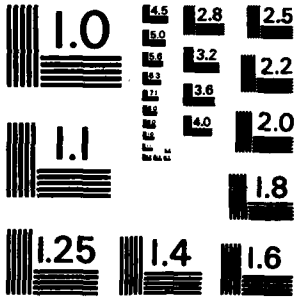



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (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 | 100.0 | 98.1 | 92.8 | 82.8 | 68.5 | 54.3 | 37.0 | 18.4 | 5.2 | 61.4 | 899 |
| | 03-05 | 100.0 | 98.1 | 95.0 | 90.0 | 77.1 | 62.0 | 45.6 | 25.7 | 6.2 | 65.6 | 900 |
| | 06-08 | 100.0 | 98.3 | 95.0 | 88.7 | 77.0 | 64.9 | 48.1 | 27.0 | 7.8 | 66.3 | 900 |
| | 09-11 | 100.0 | 97.1 | 84.6 | 69.0 | 54.6 | 39.3 | 22.7 | 10.6 | 3.9 | 53.8 | 900 |
| | 12-14 | 99.8 | 87.0 | 65.9 | 48.1 | 32.6 | 18.1 | 11.0 | 5.7 | 2.6 | 42.6 | 900 |
| | 15-17 | 99.0 | 79.7 | 55.6 | 39.9 | 23.4 | 13.0 | 7.9 | 5.0 | 1.8 | 37.9 | 900 |
| | 18-20 | 99.6 | 85.8 | 67.2 | 50.1 | 37.3 | 22.9 | 12.8 | 6.7 | 2.4 | 44.0 | 900 |
| | 21-23 | 100.0 | 96.6 | 88.4 | 74.7 | 58.0 | 43.6 | 24.7 | 11.6 | 4.1 | 55.7 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.8 | 92.6 | 80.6 | 67.9 | 53.6 | 39.8 | 26.2 | 13.8 | 4.3 | 53.4 | 7199 |

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722665 (STATION) DYESS AFB TX (STATION NAME) 74-83 (PERIOD) MAY (MONTH)

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 99.7 | 99.4 | 96.0 | 91.9 | 80.6 | 56.9 | 32.8 | 4.7 | 71.9 | 930 |
| | 03-05 | 100.0 | 99.9 | 99.7 | 98.1 | 95.1 | 89.0 | 73.1 | 42.9 | 10.1 | 76.4 | 930 |
| | 06-08 | 100.0 | 100.0 | 99.8 | 98.1 | 94.8 | 87.8 | 70.4 | 40.2 | 8.8 | 75.7 | 930 |
| | 09-11 | 100.0 | 99.5 | 96.2 | 90.0 | 76.6 | 51.9 | 26.7 | 10.8 | 2.2 | 61.0 | 930 |
| | 12-14 | 100.0 | 96.3 | 86.6 | 68.0 | 43.2 | 20.4 | 9.0 | 3.7 | 1.5 | 48.6 | 930 |
| | 15-17 | 100.0 | 92.7 | 76.2 | 54.3 | 32.5 | 14.3 | 7.3 | 3.7 | .5 | 43.9 | 930 |
| | 18-20 | 100.0 | 96.1 | 85.8 | 70.6 | 49.3 | 28.9 | 13.3 | 4.5 | .4 | 50.4 | 927 |
| | 21-23 | 100.0 | 100.0 | 97.6 | 93.1 | 81.1 | 60.3 | 36.5 | 15.3 | 1.3 | 64.3 | 927 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.0 | 92.7 | 83.5 | 70.6 | 54.2 | 36.7 | 19.2 | 3.7 | 61.5 | 7434 |

USAFETAC FORM AWS 64 0-87-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (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 | 100.0 | 99.7 | 99.4 | 96.7 | 85.5 | 62.9 | 34.3 | 14.8 | 1.7 | 65.1 | 898 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.0 | 95.8 | 84.5 | 57.0 | 27.7 | 3.9 | 72.3 | 899 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 97.1 | 87.3 | 62.0 | 26.9 | 3.2 | 72.9 | 900 |
| | 09-11 | 100.0 | 100.0 | 98.9 | 90.2 | 71.9 | 35.4 | 12.2 | 4.1 | .6 | 57.1 | 900 |
| | 12-14 | 99.9 | 98.4 | 88.1 | 61.8 | 24.8 | 7.8 | 3.1 | 1.4 | | 44.2 | 900 |
| | 15-17 | 99.6 | 95.6 | 74.7 | 36.7 | 15.6 | 8.0 | 3.8 | 1.6 | .1 | 39.2 | 900 |
| | 18-20 | 100.0 | 97.8 | 82.2 | 53.8 | 26.8 | 13.4 | 5.7 | 3.4 | .4 | 44.1 | 900 |
| | 21-23 | 100.0 | 99.4 | 97.3 | 87.5 | 65.4 | 35.5 | 18.0 | 9.0 | .9 | 57.0 | 899 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.9 | 98.9 | 92.6 | 78.2 | 60.4 | 41.9 | 24.5 | 11.1 | 1.4 | 56.5 | 7196 |

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (PERIOD) JUL (MONTH)

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | 100.0 | 100.0 | 99.7 | 92.3 | 71.2 | 42.6 | 25.6 | 13.8 | 1.1 | 60.2 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 97.6 | 87.1 | 65.9 | 42.6 | 22.0 | 1.9 | 67.3 | 930 |
| | 06-08 | 100.0 | 100.0 | 99.9 | 98.6 | 91.5 | 71.2 | 45.6 | 20.9 | 1.5 | 68.4 | 930 |
| | 09-11 | 100.0 | 100.0 | 97.3 | 82.3 | 54.1 | 24.3 | 9.1 | 2.9 | .1 | 52.5 | 930 |
| | 12-14 | 100.0 | 97.7 | 79.1 | 44.4 | 17.3 | 8.4 | 3.9 | 1.9 | .1 | 40.8 | 930 |
| | 15-17 | 100.0 | 94.7 | 62.9 | 28.5 | 15.2 | 10.2 | 6.5 | 3.3 | | 37.5 | 930 |
| | 18-20 | 100.0 | 97.2 | 73.5 | 40.2 | 22.2 | 14.1 | 9.8 | 4.3 | .3 | 41.7 | 930 |
| | 21-23 | 100.0 | 100.0 | 95.8 | 77.4 | 49.1 | 28.2 | 18.8 | 8.9 | .3 | 53.3 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.7 | 88.5 | 70.2 | 51.0 | 33.1 | 20.2 | 9.8 | .7 | 52.7 | 7440 |

USAFETAC FORM AWS 04 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (PERIOD) AUG (MONTH)

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 100.0 | 99.9 | 94.3 | 74.6 | 46.1 | 25.2 | 13.3 | 2.3 | 61.1 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 98.7 | 90.0 | 71.3 | 40.8 | 16.5 | 3.9 | 67.7 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.7 | 93.8 | 77.1 | 46.4 | 18.8 | 3.4 | 69.5 | 929 |
| | 09-11 | 100.0 | 100.0 | 98.3 | 85.9 | 55.4 | 25.1 | 12.5 | 5.8 | .6 | 54.0 | 930 |
| | 12-14 | 100.0 | 98.9 | 83.4 | 45.3 | 19.0 | 9.2 | 5.2 | 1.7 | .5 | 41.9 | 930 |
| | 15-17 | 100.0 | 97.2 | 65.1 | 27.0 | 13.7 | 7.4 | 4.8 | 2.5 | .8 | 37.5 | 929 |
| | 18-20 | 100.0 | 98.8 | 80.6 | 45.9 | 22.6 | 13.7 | 8.1 | 3.5 | .8 | 43.0 | 930 |
| | 21-23 | 100.0 | 100.0 | 98.4 | 81.7 | 53.8 | 26.5 | 15.3 | 7.6 | 1.4 | 54.2 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.4 | 90.7 | 72.3 | 52.9 | 34.6 | 19.8 | 8.7 | 1.7 | 53.6 | 7438 |

USAFETAC FORM AWS 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (PERIOD) SEP (MONTH)

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 100.0 | 99.2 | 95.4 | 83.2 | 65.2 | 42.3 | 25.6 | 6.7 | 67.5 | 900 |
| | 03-05 | 100.0 | 100.0 | 99.7 | 98.3 | 89.7 | 78.7 | 58.0 | 34.6 | 8.1 | 72.4 | 900 |
| | 06-08 | 100.0 | 100.0 | 99.6 | 98.9 | 93.0 | 82.0 | 63.6 | 36.4 | 8.0 | 73.7 | 900 |
| | 09-11 | 100.0 | 99.3 | 96.2 | 87.8 | 65.9 | 42.8 | 25.1 | 12.7 | 2.9 | 59.0 | 900 |
| | 12-14 | 99.9 | 96.8 | 85.2 | 58.1 | 32.6 | 19.3 | 12.8 | 7.7 | 1.9 | 47.0 | 900 |
| | 15-17 | 99.9 | 94.4 | 73.1 | 41.9 | 25.2 | 16.9 | 11.2 | 6.3 | 2.2 | 42.8 | 900 |
| | 18-20 | 100.0 | 97.2 | 85.9 | 64.9 | 41.8 | 27.7 | 17.9 | 10.2 | 2.7 | 50.6 | 900 |
| | 21-23 | 100.0 | 100.0 | 97.0 | 87.7 | 70.7 | 48.0 | 31.4 | 17.7 | 4.8 | 61.4 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.5 | 92.0 | 79.1 | 62.8 | 47.6 | 32.8 | 18.9 | 4.7 | 59.3 | 7200 |

USAFETAC FORM AM 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (PERIOD) OCT (MONTH)

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 100.0 | 97.7 | 92.0 | 80.6 | 64.0 | 44.4 | 25.7 | 8.3 | 67.3 | 930 |
| | 03-05 | 100.0 | 100.0 | 98.6 | 94.6 | 86.2 | 74.6 | 54.0 | 32.9 | 11.5 | 71.0 | 930 |
| | 06-08 | 100.0 | 100.0 | 99.5 | 95.8 | 90.5 | 78.4 | 62.2 | 37.7 | 12.2 | 73.5 | 930 |
| | 09-11 | 100.0 | 98.8 | 92.9 | 81.7 | 65.1 | 45.3 | 25.8 | 12.7 | 3.7 | 58.4 | 930 |
| | 12-14 | 100.0 | 94.4 | 79.2 | 57.0 | 31.9 | 19.6 | 12.5 | 8.0 | 2.2 | 46.2 | 930 |
| | 15-17 | 100.0 | 91.9 | 69.5 | 43.9 | 24.1 | 16.5 | 11.3 | 6.8 | 3.2 | 42.5 | 930 |
| | 18-20 | 100.0 | 96.8 | 88.5 | 73.9 | 54.1 | 34.6 | 21.2 | 11.5 | 4.1 | 54.3 | 930 |
| | 21-23 | 100.0 | 99.9 | 95.2 | 88.5 | 74.9 | 55.6 | 36.2 | 18.9 | 5.7 | 63.2 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 97.7 | 90.1 | 78.4 | 63.4 | 48.6 | 33.5 | 19.3 | 6.4 | 59.6 | 7440 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (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 | 99.8 | 98.1 | 93.6 | 84.0 | 69.0 | 47.0 | 22.1 | 5.1 | 67.5 | 900 |
| | 03-05 | 100.0 | 100.0 | 98.7 | 95.4 | 88.3 | 74.6 | 54.0 | 30.2 | 5.9 | 70.3 | 900 |
| | 06-08 | 100.0 | 99.8 | 99.1 | 95.6 | 89.3 | 77.0 | 59.0 | 32.4 | 8.4 | 71.6 | 900 |
| | 09-11 | 100.0 | 99.2 | 93.4 | 80.7 | 66.9 | 51.7 | 30.3 | 14.7 | 3.4 | 59.7 | 900 |
| | 12-14 | 100.0 | 95.9 | 78.2 | 58.1 | 39.1 | 23.8 | 14.4 | 8.8 | 1.3 | 47.5 | 900 |
| | 15-17 | 100.0 | 93.3 | 73.0 | 48.2 | 31.7 | 20.1 | 13.0 | 7.0 | 1.3 | 44.3 | 900 |
| | 18-20 | 100.0 | 99.3 | 92.6 | 78.7 | 58.4 | 41.2 | 23.1 | 9.7 | 1.9 | 56.2 | 900 |
| | 21-23 | 100.0 | 99.8 | 97.2 | 91.3 | 78.8 | 57.2 | 36.9 | 16.1 | 3.0 | 63.6 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.4 | 91.3 | 80.2 | 67.1 | 51.8 | 34.7 | 17.6 | 3.8 | 60.1 | 7200 |

USAFETAC FORM AWS 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-82 (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 | 99.1 | 95.6 | 87.1 | 70.5 | 53.5 | 34.4 | 18.9 | 3.8 | 61.9 | 930 |
| | 03-05 | 100.0 | 99.8 | 96.2 | 89.6 | 76.0 | 61.1 | 40.5 | 22.2 | 4.8 | 64.4 | 930 |
| | 06-08 | 100.0 | 99.9 | 96.5 | 91.8 | 81.0 | 65.9 | 43.2 | 24.7 | 5.8 | 66.4 | 930 |
| | 09-11 | 100.0 | 98.4 | 90.1 | 76.5 | 58.8 | 42.7 | 26.5 | 13.3 | 2.7 | 56.5 | 928 |
| | 12-14 | 100.0 | 91.7 | 70.0 | 48.6 | 32.8 | 21.2 | 12.6 | 7.1 | 1.5 | 44.2 | 930 |
| | 15-17 | 99.8 | 85.6 | 61.7 | 41.6 | 25.5 | 16.3 | 10.6 | 6.9 | 1.6 | 40.6 | 930 |
| | 18-20 | 100.0 | 96.3 | 84.0 | 66.2 | 47.4 | 29.1 | 18.2 | 9.8 | 2.4 | 51.1 | 930 |
| | 21-23 | 100.0 | 98.6 | 92.9 | 80.5 | 64.6 | 46.6 | 28.8 | 14.3 | 2.9 | 58.5 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 96.2 | 85.9 | 72.7 | 57.1 | 42.1 | 26.9 | 14.6 | 3.2 | 55.5 | 7438 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722665 (STATION) DYESS AFB TX (STATION NAME) 73-83 (PERIOD) ALL (MONTH)

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 98.2 | 91.0 | 78.6 | 63.3 | 47.4 | 30.8 | 17.0 | 3.4 | 58.6 | 7440 |
| FEB | | 99.8 | 92.7 | 84.1 | 73.3 | 60.8 | 45.8 | 32.4 | 18.4 | 5.8 | 56.9 | 6769 |
| MAR | | 99.8 | 91.3 | 77.6 | 63.6 | 49.1 | 34.4 | 20.7 | 8.1 | 1.3 | 50.3 | 7440 |
| APR | | 99.8 | 92.6 | 80.6 | 67.9 | 53.6 | 39.8 | 26.2 | 13.8 | 4.3 | 53.4 | 7199 |
| MAY | | 100.0 | 98.0 | 92.7 | 83.5 | 70.6 | 54.2 | 36.7 | 19.2 | 3.7 | 61.5 | 7434 |
| JUN | | 99.9 | 98.9 | 92.6 | 78.2 | 60.4 | 41.9 | 24.5 | 11.1 | 1.4 | 56.5 | 7196 |
| JUL | | 100.0 | 98.7 | 88.5 | 70.2 | 51.0 | 33.1 | 20.2 | 9.8 | .7 | 52.7 | 7440 |
| AUG | | 100.0 | 99.4 | 90.7 | 72.3 | 52.9 | 34.6 | 19.8 | 8.7 | 1.7 | 53.6 | 7438 |
| SEP | | 100.0 | 98.5 | 92.0 | 79.1 | 62.8 | 47.6 | 32.8 | 18.9 | 4.7 | 59.3 | 7200 |
| OCT | | 100.0 | 97.7 | 90.1 | 78.4 | 63.4 | 48.6 | 33.5 | 19.3 | 6.4 | 59.6 | 7440 |
| NOV | | 100.0 | 98.4 | 91.3 | 80.2 | 67.1 | 51.8 | 34.7 | 17.6 | 3.8 | 60.1 | 7200 |
| DEC | | 100.0 | 96.2 | 85.9 | 72.7 | 57.1 | 42.1 | 26.9 | 14.6 | 3.2 | 55.5 | 7438 |
| TOTALS | | 99.9 | 96.7 | 88.1 | 74.8 | 59.3 | 43.4 | 28.3 | 14.7 | 3.4 | 56.5 | 87634 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART F PRESSURE SUMMARY

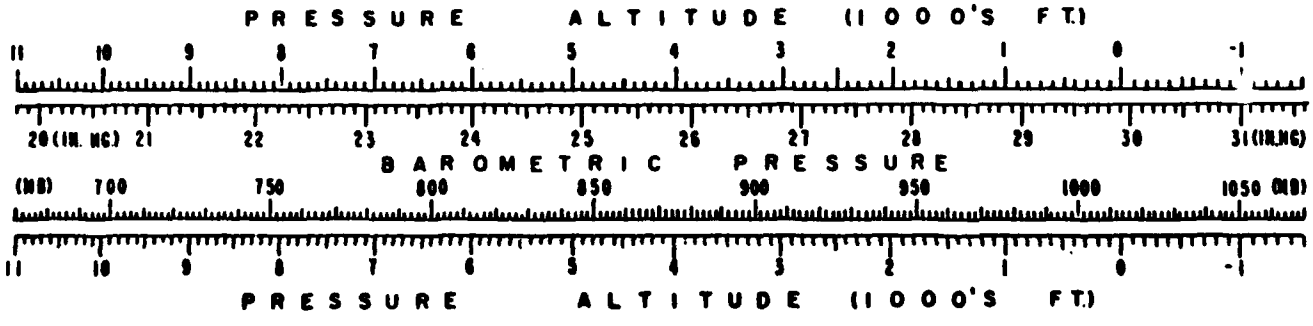
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

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



GLOBAL CLIMATOLOGY BRANCH
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# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

722665 DYESS AFB TX 73-83

STATION STATION NAME YEARS

| HRS LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00 | MEAN | 28.198 | 28.166 | 28.054 | 28.059 | 28.009 | 28.062 | 28.111 | 28.119 | 28.122 | 28.159 | 28.184 | 28.187 | 28.119 |
| | S D | .198 | .191 | .186 | .170 | .134 | .121 | .069 | .073 | .123 | .158 | .182 | .204 | .168 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 03 | MEAN | 28.188 | 28.153 | 28.045 | 28.047 | 27.996 | 28.049 | 28.107 | 28.114 | 28.115 | 28.154 | 28.174 | 28.176 | 28.110 |
| | S D | .201 | .194 | .188 | .169 | .133 | .120 | .068 | .073 | .120 | .159 | .184 | .208 | .169 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 06 | MEAN | 28.192 | 28.158 | 28.057 | 28.064 | 28.017 | 28.073 | 28.128 | 28.132 | 28.131 | 28.169 | 28.181 | 28.176 | 28.123 |
| | S D | .199 | .196 | .191 | .169 | .133 | .120 | .067 | .073 | .120 | .160 | .185 | .210 | .168 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 09 | MEAN | 28.230 | 28.197 | 28.096 | 28.100 | 28.050 | 28.101 | 28.156 | 28.160 | 28.162 | 28.205 | 28.219 | 28.213 | 28.157 |
| | S D | .199 | .197 | .195 | .172 | .131 | .121 | .067 | .074 | .122 | .161 | .188 | .210 | .169 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 12 | MEAN | 28.231 | 28.196 | 28.085 | 28.086 | 28.035 | 28.089 | 28.143 | 28.148 | 28.151 | 28.191 | 28.205 | 28.209 | 28.147 |
| | S D | .199 | .196 | .195 | .173 | .131 | .119 | .068 | .075 | .122 | .159 | .189 | .209 | .170 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 309 | 3651 |
| 15 | MEAN | 28.159 | 28.123 | 28.014 | 28.025 | 27.983 | 28.040 | 28.091 | 28.090 | 28.092 | 28.129 | 28.142 | 28.142 | 28.086 |
| | S D | .199 | .198 | .197 | .175 | .131 | .117 | .070 | .076 | .125 | .159 | .189 | .207 | .169 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 18 | MEAN | 28.164 | 28.117 | 27.999 | 28.002 | 27.951 | 28.005 | 28.055 | 28.060 | 28.077 | 28.124 | 28.146 | 28.150 | 28.071 |
| | S D | .197 | .193 | .194 | .174 | .128 | .117 | .072 | .077 | .126 | .159 | .186 | .202 | .172 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| 21 | MEAN | 28.189 | 28.152 | 28.036 | 28.045 | 27.987 | 28.036 | 28.083 | 28.096 | 28.115 | 28.157 | 28.179 | 28.180 | 28.104 |
| | S D | .198 | .191 | .190 | .167 | .129 | .116 | .070 | .075 | .124 | .159 | .183 | .200 | .169 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| ALL HOURS | MEAN | 28.194 | 28.158 | 28.048 | 28.053 | 28.003 | 28.057 | 28.109 | 28.115 | 28.121 | 28.161 | 28.179 | 28.179 | 28.115 |
| | S D | .200 | .196 | .194 | .173 | .134 | .122 | .075 | .080 | .126 | .161 | .187 | .207 | .171 |
| | TOTAL OBS | 2480 | 2256 | 2480 | 2400 | 2478 | 2400 | 2480 | 2480 | 2400 | 2480 | 2400 | 2479 | 29213 |

USAFETAC FORM JUL 64 0-89-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
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# MEANS AND STANDARD DEVIATIONS

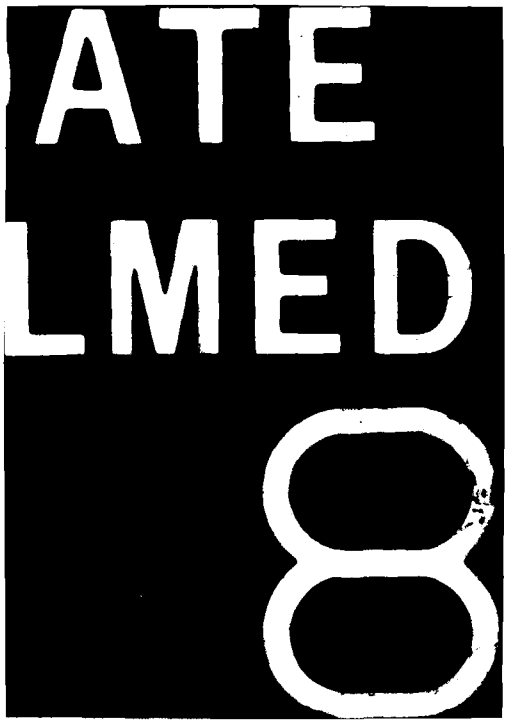
SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

722665 DYESS AFB TX 73-83

STATION STATION NAME YEARS

| HRS L S T | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00 | MEAN | 1019.8 | 1018.3 | 1013.5 | 1013.1 | 1010.9 | 1012.2 | 1013.8 | 1014.2 | 1014.7 | 1016.7 | 1018.4 | 1019.0 | 1015.4 |
| | S D | 7.793 | 7.577 | 7.254 | 6.554 | 5.144 | 4.539 | 2.610 | 2.771 | 4.807 | 6.177 | 7.180 | 7.964 | 6.738 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 03 | MEAN | 1019.4 | 1017.7 | 1013.1 | 1012.6 | 1010.4 | 1011.8 | 1013.6 | 1014.0 | 1014.4 | 1016.4 | 1018.0 | 1018.5 | 1015.0 |
| | S D | 7.870 | 7.683 | 7.344 | 6.546 | 5.091 | 4.564 | 2.606 | 2.745 | 4.698 | 6.206 | 7.272 | 8.115 | 6.771 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 310 | 3651 |
| 06 | MEAN | 1019.7 | 1018.0 | 1013.7 | 1013.3 | 1011.2 | 1012.7 | 1014.5 | 1014.7 | 1015.1 | 1017.2 | 1018.4 | 1018.8 | 1015.6 |
| | S D | 7.827 | 7.751 | 7.440 | 6.523 | 5.096 | 4.544 | 2.548 | 2.765 | 4.706 | 6.209 | 7.322 | 8.138 | 6.707 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 09 | MEAN | 1021.3 | 1019.6 | 1015.2 | 1014.7 | 1012.4 | 1013.8 | 1015.5 | 1015.7 | 1016.3 | 1018.6 | 1019.9 | 1020.3 | 1016.9 |
| | S D | 7.729 | 7.721 | 7.556 | 6.611 | 5.042 | 4.528 | 2.528 | 2.785 | 4.739 | 6.193 | 7.362 | 8.185 | 6.773 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 12 | MEAN | 1021.1 | 1019.4 | 1014.7 | 1014.1 | 1011.8 | 1013.3 | 1015.0 | 1015.2 | 1015.7 | 1017.9 | 1019.2 | 1019.8 | 1016.4 |
| | S D | 7.796 | 7.737 | 7.605 | 6.667 | 5.019 | 4.468 | 2.572 | 2.826 | 4.771 | 6.132 | 7.397 | 8.212 | 6.817 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 15 | MEAN | 1018.3 | 1016.5 | 1011.9 | 1011.8 | 1009.8 | 1011.4 | 1013.1 | 1013.1 | 1013.6 | 1015.6 | 1016.8 | 1017.3 | 1014.1 |
| | S D | 7.797 | 7.818 | 7.650 | 6.764 | 5.054 | 4.440 | 2.672 | 2.859 | 4.884 | 6.189 | 7.403 | 8.134 | 6.759 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 18 | MEAN | 1018.7 | 1016.5 | 1011.5 | 1011.1 | 1008.8 | 1010.2 | 1011.8 | 1012.1 | 1013.1 | 1015.5 | 1017.2 | 1017.9 | 1013.7 |
| | S D | 7.768 | 7.608 | 7.589 | 6.671 | 4.930 | 4.483 | 2.729 | 2.873 | 4.924 | 6.142 | 7.306 | 7.871 | 6.918 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| 21 | MEAN | 1019.7 | 1017.9 | 1013.0 | 1012.7 | 1010.1 | 1011.3 | 1012.9 | 1013.4 | 1014.6 | 1016.8 | 1018.4 | 1019.1 | 1015.0 |
| | S D | 7.760 | 7.467 | 7.406 | 6.450 | 4.928 | 4.357 | 2.646 | 2.827 | 4.849 | 6.208 | 7.192 | 7.798 | 6.830 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| ALL HOURS | MEAN | 1019.7 | 1018.0 | 1013.3 | 1012.9 | 1010.7 | 1012.1 | 1013.8 | 1014.0 | 1014.7 | 1016.8 | 1018.3 | 1018.8 | 1015.3 |
| | S D | 7.841 | 7.733 | 7.564 | 6.678 | 5.145 | 4.612 | 2.842 | 3.014 | 4.888 | 6.250 | 7.355 | 8.093 | 6.864 |
| | TOTAL OBS | 2480 | 2256 | 2480 | 2400 | 2478 | 2400 | 2480 | 2480 | 2400 | 2480 | 2399 | 2480 | 29213 |

USAFETAC FORM JUL 64 0 89 5 (OLA)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